ACCESS SERVICE

Regulations, Rates and Charges
applying to the provision of Access Services
within a Local Access and Transport Area (LATA) or (x)
equivalent Market Area for connection to interstate (x)
communications facilities for Interstate Customers within
the operating territories of the Issuing Carriers listed
on Title Pages 2 through 68.

All material contained herein is new. (x)

This tariff is filed (1) in compliance with the Federal Communications Commission's Report and Order in CC Docket 86-467, adopted May 14, 1987 and released June 29, 1987 and (2) under the authority of the Commission's Special Permission Nos. 88-192 and 88-200. (x)

The name, title and street address of this tariff's Issuing Officer are located on the bottom of Page 1, the Check Sheet.

Access Services are provided by means of wire, fiber optics, radio or any other suitable technology or a combination thereof.

(x) Filed under authority of Special Permission No. 13-024 of the Federal Communications Commission to reinstate currently effective regulations and to withdraw revisions filed under Transmittal No. 1400 without becoming effective.

ACCESS SERVICE

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Certain material currently found on this page previously appeared on 9th Revised Title Page 2.1.

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Certain material formerly found on this page now appears on 77th Revised Title Page 2 for Ace Telephone Company of Michigan, Inc.

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(D)
(D)

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(D)

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Certain material formerly found on this page now appears on 7th Revised Title Page 60.1 for Triangle Telephone Cooperative Association, Inc. – CMC.

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Certain material formerly found on this page now appears on 39th Revised Title Page 11.

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(x) All material coded with an “S” was originally filed under Transmittal No. 1409 on January 17, 2014 and became effective on February 1, 2014.

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(x) Filed under authority of Special Permission No. 12-024 of the Federal Communications Commission.

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Certain material currently found on this page previously appeared on 52nd Revised Title Page 4, 58th Revised Title Page 25, 56th Revised Title Page 31, 58th Revised Title Page 55, 54th Revised Title Page 61, and 42nd Revised Title Page 63.

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Certain material formerly found on this page now appears on 14th Revised Title Page 14.1 for Clarity Telecom, LLC.

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(x) All material coded with an "S" was originally filed under Transmittal No. 1472 on December 17, 2015 and became effective on January 1, 2016.

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Certain material currently found on this page previously appeared on 66th Revised Title Page 10.

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ACCESS SERVICE

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(x) All material coded with an “S” was originally filed under Transmittal No. 1472 on December 17, 2015 and became effective on January 1, 2016.

ACCESS SERVICE

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ACCESS SERVICE

CHECK SHEET

Title Pages 1 to 68 and Pages 1 to 17-185 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and on Supplement Nos. 23 and 36 contain all changes from the original tariff that are in effect on the date hereof.

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1.9	85th
1.10	44th
1.11	19th
2	2nd
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4	14th
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Director - Access Tariffs
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ACCESS SERVICE

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16.1	4th	2-7	1st	2-35	5th
17	4th	2-8	2nd	2-35.1	Original
18	1st	2-9	5th	2-36	6th
19	13th	2-9.1	1st	2-36.1	8th
20	16th	2-9.2	Original	2-37	1st
21	17th	2-10	5th	2-38	3rd
21.1	5th	2-11	6th	2-39	1st
22	7th	2-12	1st	2-40	1st
23	1st	2-13	1st	2-41	1st
24	2nd	2-14	1st	2-42	5th
25	2nd	2-15	1st	2-43	6th
26	1st	2-16	1st	2-44	5th
27	2nd	2-17	1st	2-45	7th
28	3rd	2-18	6th	2-46	5th
29	3rd	2-18.1	5th	2-47	5th
30	2nd	2-18.2	Original	2-48	4th
31	3rd	2-18.3	Original	2-49	5th
32	3rd	2-19	8th	2-50	5th
33	10th	2-19.1	2nd	2-51	5th
34	6th	2-19.2	1st	2-52	4th
35	7th	2-20	10th	2-52.1	5th
36	4th	2-21	5th	2-53	4th
37	3rd	2-21.1	Original	2-54	6th
38	2nd	2-22	7th	2-55	9th
39	2nd	2-23	7th	2-56	9th
40	6th	2-24	6th	2-57	3rd
41	5th	2-24.1	Original	2-58	5th
42	1st	2-24.2	Original	2-59	6th
43	13th	2-24.3	Original	2-59.1	Original
44	23rd	2-25	5th	2-59.2	Original
44.1	3rd	2-26	9th	2-59.3	Original
45	17th	2-26.1	6th	2-60	4th
46	28th *	2-26.2	3rd	2-61	9th
47	11th	2-26.3	1st	2-62	10th
48	10th	2-26.4	2nd	2-62.1	3rd
49	13th	2-27	9th	2-63	4th
50	4th	2-28	7th	2-63.1	Original
50.1	Original	2-29	6th	2-64	5th
50.2	2nd	2-30	1st	2-64.1	Original
51	Original	2-31	3rd	2-65	6th
52	Original	2-31.1	Original	2-65.1	4th
1-1	7th	2-31.2	Original		
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2-76	7th
2-77	7th
2-77.1	2nd
2-78	13th
2-78.1	5th
2-78.2	Original
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4-8	4th
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5-9.2	Original
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5-10.2	4th
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5-11.1	Original
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5-13	5th
5-14	4th
5-15	4th
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5-17.2	8th
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5-20	8th
5-21	17th
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6-1.1	Original
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6-7	8th
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6-7.3	Original
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6-8.3.2	Original
6-8.4	10th
6-8.4.1	Original
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6-14	8th
6-15	2nd
6-15.1	1st
6-16	3rd
6-17	6th
6-18	7th
6-18.1	5th
6-18.2	6th
6-19	4th *
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6-21	3rd
6-22	2nd
6-23	4th
6-24	1st
6-25	1st
6-26	2nd
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6-27	11th
6-28	10th *
6-28.1	2nd *
6-28.2	Original *
6-29	2nd
6-30	8th
6-30.1	4th
6-30.1.1	2nd
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6-32	14th
6-32.1	4th
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6-33	4th
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6-50	4th
6-51	6th
6-51.1	9th
6-51.2	7th
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6-54	1st
6-55	1st
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6-57	4th
6-57.1	Original *
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6-84	4th
6-85	6th
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6-89	5th
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6-91	6th
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6-94.1	1st *
6-95	11th *
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6-97	3rd
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6-100	3rd
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6-101.1	4th
6-102	5th
6-103	3rd
6-103.1	4th
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6-107	3rd
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6-115	5th
6-116	4th
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6-121	2nd	7-27.4.3	Original	7-54.2	1st
6-122	6th	7-27.4.4	Original	7-54.3	8th
6-123	8th	7-27.4.5	Original	7-55	1st
6-124	5th	7-27.4.6	Original	8-1	20th
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6-125.2	Original	7-27.7	4th	8-2.1	5th
6-126	Original	7-27.8	5th	8-2.2	4th
7-1	7th	7-27.8.1	Original	8-2.3	6th
7-1.1	Original	7-27.9	3rd	8.2.4	5th
7-2	4th	7-27.9.1	Original	8-3	18th
7-3	5th	7-27.10	4th	8-3.1	13th
7-4	9th	7-27.11	4th	8-4	14th
7-5	4th	7-27.11.1	Original	8-5	12th
7-5.1	Original	7-27.11.2	Original	8-6	15th
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7-6.1	3rd	7-27.11.4	Original	8-6.1.1	6th
7-7	2nd	7-27.11.5	Original	8-6.1.1.1	3rd
7-8	4th	7-27.11.6	Original	8-6.1.1.2	2nd
7-9	2nd	7-27.12	3rd	8-6.1.2	9th
7-10	2nd	7-27.13	Original	8-6.1.3	9th
7-10.1	4th	7-28	2nd	8-6.1.3.1	1st
7-10.2	1st	7-29	3rd	8-6.1.4	3rd
7-11	1st	7-30	2nd	8-6.1.5	4th
7-12	1st	7-31	2nd	8-6.2	36th
7-13	12th	7-32	4th	8-6.3	45th
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7-13.2	Original	7-33	4th	8-6.5	14th
7-14	7th	7-34	4th	8-7	19th
7-14.1	6th	7-35	3rd	8-7.1	6th
7-14.2	1st	7-36	3rd	8-7.2	3rd *
7-14.3	Original	7-37	4th	8-8	11th
7-15	7th	7-38	6th	8-8.1	3rd
7-15.1	Original	7-39	5th	8-8.2	2nd
7-16	1st	7-40	3rd	8-9	11th
7-17	2nd	7-41	1st	8-9.1	1st
7-18	2nd	7-42	3rd	8-10	13th
7-19	4th	7-43	1st	8-11	6th
7-20	4th	7-44	3rd	8-12	8th
7-21	5th	7-45	7th	8-12.1	5th
7-22	8th	7-46	5th	8-12.2	4th
7-22.1	Original	7-46.1	1st	8-12.2.1	3rd
7-23	3rd	7-47	10th	8-12.3	5th
7-24	3rd	7-47.1	4th	8-12.4	3rd
7-25	3rd	7-48	1st	8-12.5	2nd
7-26	3rd	7-49	1st	8-13	15th
7-26.1	1st	7-50	2nd	8-13.1	9th
7-26.2	1st	7-51	5th	8-13.1.1	2nd
7-27	9th	7-51.1	1st	8-13.2	7th
7-27.1	7th	7-51.2	9th	8-14	3rd
7-27.1.1	6th	7-52	8th	8-15	5th
7-27.1.2	Original	7-52.1	5th	8-16	7th
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8-21	3rd	13-2	4th	15-18	1st
8-21.1	1st	13-3	3rd	15-19	2nd
8-22	2nd	13-4	1st	15-20	1st
8-23	2nd	13-5	2nd	15-21	1st
8-24	2nd	13-6	1st	15-22	2nd
8-25	2nd	13-7	1st	15-23	1st
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8-27.4	1st	13-12	10th	15-29	6th
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8-29	1st	13-14	8th	15-31	3rd
8-30	3rd *	13-15	19th	15-32	1st
8-31	Original	13-16	11th	15-33	2nd
8-32	Original	13-17	6th	15-34	7th
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8-34	Original	13-19	7th	15-35.1	3rd
8-35	Original	13-20	3rd	15-36	1st
8-36	Original	13-21	9th	15-37	3rd
9-1	2nd	13-22	4th	15-38	6th
9-2	4th	13-23	6th	15-38.1	Original
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9-4	2nd	13-25	3rd	15-40	3rd
9-5	4th	13-26	3rd	15-40.1	1st
9-6	7th	13-26.1	2nd	15-41	2nd
9-6.1	3rd	13-27	3rd	15-42	1st
9-7	3rd	13-28	3rd	15-43	1st
9-8	2nd	13-29	Original	15-44	1st
9-9	2nd	13-30	Original	15-45	2nd
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9-16	3rd	15-5	3rd	15-52	1st
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10-3	2nd	15-8	6th	15-56	2nd
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16-5	3rd
16-5.1	3rd
16-5.2	1st
16-5.3	Original
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16-7	3rd
16-7.1	3rd
16-8	6th
16-9	2nd
16-10	2nd
16-11	2nd
16-12	2nd
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16-13	2nd
16-13.1	Original
16-14	1st
16-15	1st
16-16	Original
16-17	5th
16-18	1st
16-19	Original
16-20	1st
16-21	Original
16-22	Original
16-23	Original
16-24	Original
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16-27	4th
16-27.1	5th
16-27.1.1	1st
16-27.1.2	Original
16-27.2	Original
16-28	1st
16-29	Original
16-30	Original
16-31	Original
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16-32.2	Original
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16-47	3rd
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16-49	2nd
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17-7	8th
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17-8.1	6th
17-8.2	2nd
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17-10	36th
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17-10.1.1	9th
17-10.1.2	2nd
17-10.1.3	2nd
17-10.1.4	2nd
17-10.2	31st
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17-10.4	2nd
17-11	50th
17-11.1	33rd
17-11.2	1st
17-11.3	Original
17-12	36th
17-13	8th
17-14	1st
17-15	44th
17-15.1	13th
17-15.2	3rd
17-15.3	3rd
17-16	42nd
17-16.1	12th
17-16.2	3rd
17-17	42nd
17-17.1	12th
17-17.2	3rd
17-17.3	3rd
17-18	25th
17-18.1	3rd
17-19	26th
17-19.1	12th
17-19.2	3rd
17-19.3	3rd
17-20	26th
17-20.1	12th
17-20.2	3rd
17-20.3	Original
17-21	43rd
17-21.1	12th
17-21.1.1	6th
17-21.1.2	3rd
17-21.1.3	3rd
17-21.2	12th
17-21.2.1	3rd
17-21.3	12th
17-22	24th
17-23	40th
17-23.1	12th
17-23.2	3rd
17-24	46th
17-24.1	12th
17-24.2	3rd
17-25	24th
17-25.1	11th
17-26	45th
17-26.1	12th
17-26.2	3rd
17-26.3	3rd
17-27	40th
17-27.1	12th
17-27.2	12th
17-27.3	3rd
17-27.4	3rd
17-28	34th
17-28.1	12th
17-28.2	3rd
17-29	7th
17-29.1	7th
17-29.2	4th
17-29.2.1	21st
17-29.3	85th
17-29.3.1	45th
17-29.3.1.1	3rd
17-29.3.2	40th
17-29.3.3	18th *
17-29.3.4	2nd
17-29.4	69th
17-29.4.1	77th
17-29.4.1.1	37th
17-29.4.1.1.1	5th
17-29.4.1.2	31st
17-29.4.1.3	6th
17-29.4.2	44th
17-29.4.3	31st
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17-29.5	73rd
17-29.5.1	52nd
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17-29.5.2	57th
17-29.5.3	37th
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17-29.5.5	14th
17-29.6	4th
17-29.7	3rd
17-29.8	26th
17-29.8.1	12th
17-29.8.2	3rd
17-29.8.3	3rd
17-29.8.4	3rd
17-29.9	23rd
17-29.9.1	12th
17-29.9.2	12th
17-29.9.3	12th
17-30	15th
17-31	19th
17-32	19th
17-33	19th
17-34	1st
17-35	1st
17-36	1st
17-36.1	Original
17-37	16th
17-37.1	7th
17-37.2	13th
17-37.3	7th
17-37.4	14th
17-37.4.1	35th
17-37.4.1.1	8th
17-37.4.1.2	5th
17-37.4.1.3	5th
17-37.4.1.4	18th
17-37.4.1.5	16th
17-37.4.1.6	14th
17-37.4.1.7	13th
17-37.4.1.8	10th
17-37.4.1.9	17th
17-37.4.1.10	15th
17-37.4.1.11	19th
17-37.4.1.12	11th
17-37.4.2	31st
17-37.4.2.1	26th
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17-37.5	22nd	17-41.8.1.2	10th	17-41.10.8.1	Original
17-37.5.1	13th	17-41.8.1.3	5th	17-41.10.8.2	Original
17-37.6	Original	17-41.8.1.4	5th	17-41.10.9	1st
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17-39	1st	17-41.8.2.1	11th	17-41.10.8.2	Original
17-40	7th	17-41.8.2.2	12th	17-41.10.9	1st
17-40.1	3rd	17-41.8.2.3	5th	17-41.10.9.1	Original
17-41	25th	17-41.8.2.4	6th	17-41.10.9.2	Original
17-41.1	18th	17-41.8.2.5	4th	17-41.10.10	2nd
17-41.1.1	12th	17-41.8.2.6	4th	17-41.10.11	1st
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17-41.1.2	12th	17-41.8.3	12th	17-41.10.13	1st
17-41.1.2.1	3rd	17-41.8.3.1	10th	17-41.10.14	Original
17-41.1.3	12th	17-41.8.3.2	10th	17-41.10.15	Original
17-41.1.3.1	3rd	17-41.8.3.3	4th	17-41.10.16	Original
17-41.1.3.2	3rd	17-41.8.4	8th	17-41.10.17	Original
17-41.2	21st	17-41.8.4.1	2nd	17-41.10.18	Original
17-41.2.1	12th	17-41.9	5th	17-41.10.19	Original
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17-41.3.1.1	3rd	17-41.9.5	Original *	17-41.10.24	Original
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17-41.6.1	16th	17-41.10.1.1	1st	17-41.10.31	Original
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17-41.6.1.2	4th	17-41.10.2.1	Original	17-41.10.33	Original
17-41.6.2	11th	17-41.10.2.2	Original	17-41.10.34	Original
17-41.6.2.1	10th	17-41.10.3	1st	17-41.10.35	Original
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17-41.10.53.1	Original
17-41.10.54	Original
17-41.10.55	Original
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17-41.10.60	Original
17-41.10.61	Original
17-41.10.61.1	Original
17-41.10.61.2	Original
17-41.10.62	Original
17-41.10.63	Original
17-41.10.64	Original
17-41.10.65	Original
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17-41.10.67	Original
17-41.10.67.1	Original
17-41.10.67.2	Original
17-41.10.68	Original
17-41.10.69	Original
17-41.10.70	Original
17-41.10.70.1	Original
17-41.10.71	1st
17-41.10.71.1	Original
17-41.10.72	1st
17-41.10.73	Original
17-41.10.74	1st
17-41.11	10th
17-41.11.1	3rd
17-41.12	10th
17-41.12.1	3rd
17-41.13	10th
17-42	5th
17-42.1	28th
17-42.1.1	21st
17-42.1.1.1	3rd
17-42.1.1.2	3rd
17-42.1.1.3	3rd
17-42.1.1.4	3rd
17-42.1.1.5	4th
17-42.1.1.5.1	3rd
17-42.1.1.6	3rd
17-42.1.1.7	3rd
17-42.1.1.7.1	2nd
17-42.1.1.7.2	3rd
17-42.1.1.8	3rd
17-42.1.1.9	3rd
17-42.1.1.10	3rd
17-42.1.1.11	4th
17-42.1.1.12	4th
17-42.1.1.13	2nd
17-42.1.1.14	2nd
17-42.1.2	17th
17-42.1.3	9th
17-42.1.4	4th
17-42.2	6th
17-42.2.1	11th
17-42.2.2	23rd
17-42.2.2.1	2nd
17-42.2.2.2	2nd
17-42.2.2.3	2nd
17-42.2.2.4	2nd
17-42.2.2.5	2nd
17-42.2.3	18th
17-42.2.3.1	2nd
17-42.2.3.2	2nd
17-42.2.3.3	2nd
17-42.2.3.4	2nd
17-42.2.3.5	2nd
17-42.2.3.6	2nd
17-42.2.3.7	2nd
17-42.2.4	15th
17-42.2.5	14th
17-42.2.6	23rd
17-42.2.6.1	5th
17-42.2.6.1.1	1st
17-42.2.6.2	3rd
17-42.2.6.3	3rd
17-42.2.6.4	3rd
17-42.2.6.5	3rd
17-42.2.6.6	4th
17-42.2.6.6.1	2nd
17-42.2.6.7	3rd
17-42.2.6.8	3rd
17-42.2.6.8.1	2nd
17-42.2.6.8.2	3rd
17-42.2.6.9	3rd
17-42.2.6.10	3rd
17-42.2.6.11	3rd
17-42.2.6.12	4th
17-42.2.6.13	4th
17-42.2.6.14	3rd
17-42.2.6.15	2nd
17-42.2.6.16	Original
17-42.2.7	27th
17-42.2.7.1	3rd
17-42.2.7.2	2nd
17-42.2.7.3	2nd
17-42.2.7.4	2nd
17-42.2.7.5	2nd
17-42.2.7.6	2nd
17-42.2.7.7	2nd
17-42.2.7.8	2nd
17-42.2.7.9	2nd
17-42.2.7.10	2nd
17-42.2.7.11	2nd
17-42.2.7.12	2nd
17-42.2.7.13	2nd
17-42.2.8	23rd
17-42.2.8.1	5th
17-42.2.8.1.1	1st
17-42.2.8.2	4th
17-42.2.8.3	4th
17-42.2.8.4	4th
17-42.2.8.5	4th
17-42.2.8.6	4th
17-42.2.8.6.1	2nd
17-42.2.8.7	4th
17-42.2.8.8	4th
17-42.2.8.8.1	3rd
17-42.2.8.8.2	3rd
17-42.2.8.9	4th
17-42.2.8.10	4th
17-42.2.8.11	4th
17-42.2.8.12	4th
17-42.2.8.13	4th
17-42.2.8.14	2nd
17-42.2.8.15	2nd
17-42.2.9	5th
17-42.2.10	2nd
17-42.2.11	2nd
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17-49.1	28th
17-50	42nd
17-51	42nd
17-52	41st
17-53	39th
17-54	47th
17-55	39th
17-56	43rd *
17-56.1	13th
17-57	43rd
17-58	38th
17-59	39th
17-60	45th
17-60.1	17th
17-61	43rd
17-62	43rd
17-63	43rd
17-64	44th
17-65	35th
17-66	37th
17-67	35th
17-68	34th
17-69	41st
17-70	41st
17-71	39th
17-72	41st
17-73	43rd
17-74	50th
17-75	42nd
17-76	45th
17-77	44th
17-78	36th
17-79	43rd
17-79.1	11th
17-80	72nd
17-80.1	51st
17-80.1.1	34th
17-80.1.2	14th
17-80.1.3	15th
17-80.1.4	17th
17-80.1.5	16th
17-81	56th
17-81.1	46th
17-81.1.1	31st
17-81.1.2	14th
17-81.1.3	11th
17-82	64th
17-82.1	52nd
17-82.1.1	34th
17-82.1.2	15th
17-82.1.3	13th
17-82.1.4	16th
17-82.1.5	15th
17-82.2	44th
17-82.2.1	17th
17-82.2.2	12th
17-82.3	19th
17-83	68th
17-83.1	60th
17-83.1.1	23rd
17-83.1.2	13th
17-83.2	40th
17-83.2.1	13th
17-83.3	36th
17-83.3.1	14th
17-84	66th
17-84.1	60th
17-84.1.1	12th
17-84.1.2	14th
17-84.2	42nd
17-84.3	16th
17-85	64th
17-85.1	41st
17-85.1.1	13th
17-85.1.2	14th
17-85.2	19th
17-86	63rd
17-86.1	39th
17-86.2	18th
17-86.3	15th
17-87	65th
17-87.1	52nd
17-87.1.1	18th
17-87.1.2	15th
17-87.1.3	16th
17-87.2	37th
17-87.2.1	15th
17-87.3	23rd
17-88	22nd *
17-89	31st
17-90	33rd
17-91	30th *
17-91.1	4th
17-92	10th
17-93	15th
17-94	34th
17-94.1	17th
17-95	28th
17-95.1	8th
17-96	34th
17-96.1	20th *
17-97	32nd
17-97.1	3rd
17-98	31st *
17-98.1	25th
17-99	24th *
17-99.1	16th *
17-100	23rd
17-100.1	20th
17-101	28th
17-102	36th
17-102.1	10th *
17-103	28th *
17-104	32nd
17-104.1	10th *
17-105	30th
17-105.1	8th
17-106	29th
17-107	37th *
17-107.1	4th
17-108	22nd
17-109	35th
17-109.1	1st
17-110	26th *
17-110.1	15th *
17-111	15th
17-112	15th
17-113	17th
17-114	17th
17-115	19th
17-116	19th
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17-125	5th
17-126	5th
17-127	5th
17-128	5th
17-128.1	2nd
17-129	6th
17-129.1	2nd
17-130	5th
17-130.1	Original
17-131	5th
17-132	6th
17-133	4th
17-133.1	1st
17-134	4th
17-135	5th
17-135.1	3rd
17-136	4th
17-137	5th
17-137.1	3rd
17-138	4th
17-139	5th
17-140	7th *
17-141	4th
17-142	3rd
17-143	3rd
17-144	7th
17-145	6th
17-145.1	1st
17-146	4th
17-146.1	Original
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17-148	7th
17-148.1	Original
17-149	6th
17-150	6th
17-151	4th
17-151.1	3rd
17-152	5th
17-152.1	Original
17-153	4th
17-153.1	3rd
17-153.2	1st
17-153.3	3rd
17-153.3.1	Original
17-153.3.2	Original
17-153.4	1st
17-154	5th
17-155	7th
17-156	5th
17-157	4th
17-158	5th
17-159	5th
17-159.1	2nd
17-160	4th
17-161	4th
17-161.1	4th
17-162	4th
17-162.1	3rd
17-163	4th
17-163.1	1st
17-164	3rd
17-165	3rd
17-165.1	2nd
17-165.2	2nd
17-165.3	2nd
17-165.4	3rd
17-166	5th
17-166.1	Original
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17-168.1	1st
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17-170.1	1st
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17-172	5th
17-173	5th
17-174	7th
17-174.1	1st
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17-176.1	Original
17-177	4th
17-177.1	2nd
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17-178.1	Original
17-179	5th
17-179.1	Original
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17-180.1	5th
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ACCESS SERVICE

Under authority of Special Permission No. 88-350, of the Federal Communications Commission, material contained in following tariff pages originally filed under Transmittal No. 306, dated June 22, 1988, scheduled to become effective August 6, 1988, is deferred until August 21, 1988. The material included allows NECA Traffic Sensitive pool exchange carriers to offer an Abbreviated Dialing Arrangement as an option of FGB access service where equal access is not yet available.

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ACCESS SERVICE

Under authority of Special Permission No. 88-380, of the Federal Communications Commission, material contained in following tariff pages originally filed under Transmittal No. 306, dated June 22, 1988, scheduled to become effective August 6, 1988, and subsequently deferred under Transmittal No. 312 until August 21, 1988, is further deferred until September 5, 1988. The material included allows NECA Traffic Sensitive pool exchange carriers to offer an Abbreviated Dialing Arrangement as an option of FGB access service where equal access is not yet available.

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5-6	1st	6-101.1	Original
6-13	1st	6-102	1st
6-14	1st	6-103	1st
6-15	1st	6-103.1	Original
6-15.1	Original	9-2	1st
6-32	1st	9-3	1st
6-33	1st	9-14	1st
6-34	1st	9-15	1st
6-35	1st	9-16	1st
6-36	1st	9-17	1st
6-37	1st	16-1	1st
6-38	1st	16-36	1st
6-39	1st	17-11	1st
6-40	1st	17-11.1	Original
6-41	1st	17-12	1st
6-42	1st	17-13	1st
6-43	1st		

Director - Access Tariffs
100 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

Under authority of Special Permission No. 88-401, of the Federal Communications Commission, material contained in following tariff pages originally filed under Transmittal No. 306, dated June 22, 1988, scheduled to become effective August 6, 1988, and subsequently deferred under Transmittal No. 312 until August 21, 1988 and under Transmittal No. 316 until September 5, 1988, is further deferred until September 20, 1988. The material included allows NECA Traffic Sensitive pool exchange carriers to offer an Abbreviated Dialing Arrangement as an option of FGB access service where equal access is not yet available.

Page	Rev. No.	Page	Rev. No.
13	1st	6-44	1st
21	1st	6-49	1st
43	1st	6-50	1st
2-43	1st	6-57	1st
2-61	1st	6-62	1st
3-14	1st	6-67	1st
3-22	1st	6-72	1st
3-23	1st	6-78	1st
3-24	1st	6-101	1st
5-6	1st	6-101.1	Original
6-13	1st	6-102	1st
6-14	1st	6-103	1st
6-15	1st	6-103.1	Original
6-15.1	Original	9-2	1st
6-32	1st	9-3	1st
6-33	1st	9-14	1st
6-34	1st	9-15	1st
6-35	1st	9-16	1st
6-36	1st	9-17	1st
6-37	1st	16-1	1st
6-38	1st	16-36	1st
6-39	1st	17-11	1st
6-40	1st	17-11.1	Original
6-41	1st	17-12	1st
6-42	1st	17-13	1st
6-43	1st		

ACCESS SERVICE

Under authority of Special Permission No. 89-7 of the Federal Communications Commission, the effective date of tariff material filed under Transmittal No. 338 is advanced to January 20, 1989 on not less than one day's notice.

Pursuant to the Commission's Order in CC Docket No. 88-136, released January 5, 1989, the tariff material filed under the following listed transmittal is suspended for a period of one day until January 21, 1989.

Transmittal No.	Page Number
338	1st Revised Page 17-29 Original Page 17-29.1

ACCESS SERVICE

Under authority of Special Permission No. 89-266 of the Federal Communications Commission, material contained in the following tariff pages originally filed under Transmittal No. 351, dated February 22, 1989 and scheduled to become effective April 8, 1989, is deferred until May 1, 1989. The material included specifies the regulations, terms and conditions necessary to implement centralized equal access arrangements in NECA member company serving areas.

Page	Rev. No.	Page	Rev. No.
2-61	2nd	6-30	2nd
2-70	1st	6-31	2nd
5-6	2nd	6-52	1st
5-13	2nd	6-70	1st
5-15	2nd	6-89	1st
5-17	5th	6-91	1st
6-1	1st	6-95	1st
6-7	1st		

Director - Access Tariffs
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ACCESS SERVICE

Under authority of Special Permission No. 89-581 of the Federal Communications Commission, material contained in the following tariff page originally filed under Transmittal No. 367, dated July 17, 1989 and scheduled to become effective August 1, 1989, is deferred until August 14, 1989 under Transmittal No. 369. The material included revises Terminating Premium and Non Premium Carrier Common Line rates.

Page	Rev. No.
17-1	6th

ACCESS SERVICE

Under authority of Special Permission No. 89-629 of the Federal Communications Commission, material contained in the following tariff page originally filed under Transmittal No. 364, dated June 30, 1989 and scheduled to become effective August 14, 1989, is deferred until August 29, 1989 under Transmittal No. 372. The material included revises Switched Access Traffic Sensitive rates.

Page	Rev. No.
17-10	6th
17-11	4th

Director - Access Tariffs
100 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

Under authority of Special Permission No. 89-650 of the Federal Communications Commission, material contained in the following tariff pages originally filed under Transmittal No. 364, dated June 30, 1989 and scheduled to become effective August 14, 1989 is deferred until September 13, 1989. These revisions had previously been deferred until August 29, 1989 under Transmittal No. 372 filed on August 11, 1989. The material included revises Switched Access Traffic Sensitive rates.

Page	Rev. No.
17-10	6th
17-11	4th

ACCESS SERVICE

Under authority of Special Permission No. 90-74 of the Federal Communications Commission, material contained in the following tariff pages originally filed under Transmittal No. 385, dated December 14, 1989 and scheduled to become effective January 28, 1990 is deferred until March 14, 1990. The material included adds terms and conditions for the direct assignment of Special Access lines to the interstate jurisdiction.

Page	Rev. No.
2-18	1st
2-19	1st
2-20	1st
2-21	1st
2-22	1st
2-23	1st
2-24	1st
5-10	1st

Director - Access Tariffs
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ACCESS SERVICE

Under authority of Special Permission No. 90-232 of the Federal Communications Commission, material contained in the following tariff pages is deferred until May 1, 1990. This material was originally filed under Transmittal No. 385, dated December 14, 1989 and was scheduled to become effective January 28, 1990. Subsequently, this material was deferred until March 14, 1990 under Transmittal No. 391. The material included adds terms and conditions for the direct assignment of Special Access lines to the interstate jurisdiction.

Page	Rev. No.
2-18	1st
2-19	1st
2-20	1st
2-21	1st
2-22	1st
2-23	1st
2-24	1st
5-10	1st

Director - Access Tariffs
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ACCESS SERVICE

Under authority of Special Permission No. 90-427 of the Federal Communications Commission, material contained in the following tariff pages is deferred until May 15, 1990. This material was originally filed under Transmittal No. 385, dated December 14, 1989 and was scheduled to become effective January 28, 1990. Subsequently, this material was deferred until March 14, 1990 under Transmittal No. 391, deferred until May 1, 1990 under Transmittal No. 395 and further deferred until May 15, 1990 under Transmittal No. 400. The material included adds terms and conditions for the direct assignment of Special Access lines to the interstate jurisdiction.

Page	Rev. No.
2-18	1st
2-19	1st
2-20	1st
2-21	1st
2-22	1st
2-23	1st
2-24	1st
5-10	1st

ACCESS SERVICE

Under authority of Special Permission No. 91-710 of the Federal Communications Commission, material contained in the following tariff pages originally filed under Transmittal No. 457, dated July 16, 1991 and scheduled to become effective August 30, 1991, is deferred until October 14, 1991 under Transmittal No. 462. The material included adds Operator Transfer Service.

Page	Rev. No.	Page	Rev. No.
13	4th	6-107	2nd
45	2nd	6-108	3rd
46	3rd	6-109	2nd
2-23	4th	6-110	3rd
5-7	4th	6-111	3rd
5-8	3rd	6-112	3rd
5-9	1st	6-113	3rd
6-3	2nd	6-114	2nd
6-5	1st	6-115	2nd
6-18	3rd	6-116	2nd
6-18.1	Original	6-117	2nd
6-20	1st	6-118	3rd
6-37	3rd	6-119	2nd
6-78	4th	6-120	2nd
6-80	3rd	6-121	Original
6-92.1	Original	6-122	Original
6-94	3rd	7-6	2nd
6-104	2nd	15-38	1st
6-105	2nd	17-3	2nd
6-106	2nd		

ACCESS SERVICE

Under authority of Special Permission No. 93-349 of the Federal Communications Commission, the effective date of tariff material filed under Transmittal Nos. 540 and 548 is advanced to April 30, 1993.

Pursuant to the Commission's Order in Docket 93-129, released April 28, 1993, the tariff material filed under the following listed transmittals is suspended under an Accounting Order for a period of one day until May 1, 1993.

Transmittal No.	Page Number	
540	5th Revised	Page 13
	4th Revised	Page 5-8
	Original	Page 5-9.1
	2nd Revised	Page 6-12
	4th Revised	Page 6-17
	1st Revised	Page 6-18.1
	Original	Page 6-18.2
	6th Revised	Page 6-32
	4th Revised	Page 6-39
	3rd Revised	Page 6-40
	2nd Revised	Page 6-74
	2nd Revised	Page 6-75
	6th Revised	Page 6-78
	3rd Revised	Page 6-92
	4th Revised	Page 6-113
	4th Revised	Page 6-120
	1st Revised	Page 6-123
	Original	Page 6-124
	1st Revised	Page 17-10.1
548	1st Revised	Page 5-9.1
	1st Revised	Page 6-124

ACCESS SERVICE

Under authority of the Federal Communications Commission Memorandum Opinion and Order Suspending Rates and Designating Issues for Investigation in Dockets 93-123 and 93-129, released June 23, 1993, the effective date of tariff rates filed under Transmittal Nos. 556 and 560 are suspended for one day from the current effective date to become effective July 2, 1993. In addition, under authority of Special Permission No. 93-542, the effective date of tariff rates filed under Transmittal No. 546 are deferred until July 2, 1993 under Transmittal No. 561.

The tariff rates filed on the listed pages of the following transmittal are deferred until July 2, 1993.

Transmittal No.	Revision	Page Number
546	23rd Revised	Page 17-1
	16th Revised	Page 17-10
	2nd Revised	Page 17-10.1
	15th Revised	Page 17-11
	10th Revised	Page 17-12
	9th Revised	Page 17-15
	9th Revised	Page 17-16
	9th Revised	Page 17-17
	6th Revised	Page 17-18
	7th Revised	Page 17-19
	6th Revised	Page 17-20
	10th Revised	Page 17-21
	7th Revised	Page 17-22
	9th Revised	Page 17-23
	11th Revised	Page 17-24
	6th Revised	Page 17-25
	11th Revised	Page 17-26
	7th Revised	Page 17-27
	7th Revised	Page 17-28
	5th Revised	Page 17-30
	6th Revised	Page 17-31
	6th Revised	Page 17-32
	6th Revised	Page 17-33
	6th Revised	Page 17-37

ACCESS SERVICE

The tariff rates filed on the listed pages of the following transmittals are suspended, under an Accounting Order, for a period of one day until July 2, 1993.

Transmittal No.	Revision	Page Number
556	18th Revised	Page 17-9
560	24th Revised	Page 17-1
	17th Revised	Page 17-10
	5th Revised	Page 17-10.1
	1st Revised	Page 17-10.2
	16th Revised	Page 17-11
	10th Revised	Page 17-15
	10th Revised	Page 17-16
	10th Revised	Page 17-17
	11th Revised	Page 17-21
	12th Revised	Page 17-24
	12th Revised	Page 17-26
	8th Revised	Page 17-27
561	2nd Revised	Page 17-10.2

ACCESS SERVICE

Pursuant to a letter from the FCC and under authority of the Federal Communications Commission Special Permission No. 93-992 in Docket 91-213, Transport Rate Structure and Pricing, Released November 10, 1993, the effective date of Local Transport Restructure rates and regulations filed under Transmittal Nos. 566, 571 and 574 are deferred until December 30, 1993.

The tariff regulations and rates filed on the listed pages of the following transmittals are deferred until December 30, 1993.

Trans. No. 566

Page Number		Page Number	
3rd Revised	Page 4	6th Revised	Page 5-7
1st Revised	Page 5	5th Revised	Page 5-8
3rd Revised	Page 6	3rd Revised	Page 5-15
Original	Page 6.1	3rd Revised	Page 5-21
1st Revised	Page 17	1st Revised	Page 6-2
1st Revised	Page 2-18.1	2nd Revised	Page 6-4
4th Revised	Page 2-19	1st Revised	Page 6-6
4th Revised	Page 2-20	3rd Revised	Page 6-7
3rd Revised	Page 2-21	Original	Page 6-7.1
5th Revised	Page 2-22	5th Revised	Page 6-8
5th Revised	Page 2-23	Original	Page 6-8.1
4th Revised	Page 2-24	Original	Page 6-8.2
3rd Revised	Page 2-25	Original	Page 6-8.3
2nd Revised	Page 2-33	Original	Page 6-8.4
1st Revised	Page 2-35	4th Revised	Page 6-9
1st Revised	Page 2-36	Original	Page 6-9.1
1st Revised	Page 2-38	2nd Revised	Page 6-10
2nd Revised	Page 2-51	2nd Revised	Page 6-11
2nd Revised	Page 2-52	Original	Page 6-11.1
Original	Page 2-52.1	1st Revised	Page 6-23
2nd Revised	Page 2-53	5th Revised	Page 6-28
3rd Revised	Page 2-54	Original	Page 6-28.1
3rd Revised	Page 2-55	6th Revised	Page 6-31
3rd Revised	Page 2-56	7th Revised	Page 6-32
3rd Revised	Page 2-67	Original	Page 6-32.1
2nd Revised	Page 2-69	Original	Page 6-32.2
Original	Page 2-69.1	1st Revised	Page 6-45
3rd Revised	Page 2-77	4th Revised	Page 6-48
Original	Page 2-77.1	5th Revised	Page 6-49
5th Revised	Page 2-78	5th Revised	Page 6-51
2nd Revised	Page 5-2	5th Revised	Page 6-51.1
1st Revised	Page 5-4	3rd Revised	Page 6-51.2
1st Revised	Page 5-5	2nd Revised	Page 6-57
Original	Page 5-5.1	1st Revised	Page 6-81

ACCESS SERVICE

5th Revised	Page 6-95
4th Revised	Page 6-96
5th Revised	Page 6-105
3rd Revised	Page 6-114
1st Revised	Page 7-26
3rd Revised	Page 7-27
1st Revised	Page 7-27-1
Original	Page 7-27.1.1
1st Revised	Page 9-1
2nd Revised	Page 9-2
2nd Revised	Page 9-5
1st Revised	Page 9-6
Original	Page 9-6.1
1st Revised	Page 9-7
1st Revised	Page 9-13
2nd Revised	Page 9-14
2nd Revised	Page 9-15
2nd Revised	Page 9-16
1st Revised	Page 15-1
1st Revised	Page 15-3
1st Revised	Page 15-5
1st Revised	Page 15-24
18th Revised	Page 17-10
6th Revised	Page 17-10.1
3rd Revised	Page 17-10.2
Original	Page 17-10.3
11th Revised	Page 17-12

Transmittal No. 571

Page Number

5th Revised	Page 6-27
6th Revised	Page 6-28
4th Revised	Page 7-27

Transmittal No. 574

Page Number

7th Revised	Page 17-10.1
4th Revised	Page 17-10.2

ACCESS SERVICE

Under authority of the Federal Communications Commission Special Permission No. 93-1255, provided in their December 29, 1993 Order in Docket 91-213, Transport Rate Structure and Pricing, the effective date of Local Transport Restructure rates and regulations filed under Transmittal Nos. 566, 571, 574 and 583 are deferred until January 1, 1994. These regulations were previously deferred under Transmittal No. 578.

The tariff regulations and rates filed on the listed pages of the following transmittals are deferred until January 1, 1994.

Trans. No. 566

Page Number		Page Number	
3rd Revised	Page 4	6th Revised	Page 5-7
1st Revised	Page 5	5th Revised	Page 5-8
3rd Revised	Page 6	3rd Revised	Page 5-15
Original	Page 6.1	3rd Revised	Page 5-21
1st Revised	Page 17	1st Revised	Page 6-2
1st Revised	Page 2-18.1	2nd Revised	Page 6-4
4th Revised	Page 2-19	1st Revised	Page 6-6
4th Revised	Page 2-20	3rd Revised	Page 6-7
3rd Revised	Page 2-21	Original	Page 6-7.1
5th Revised	Page 2-22	5th Revised	Page 6-8
5th Revised	Page 2-23	Original	Page 6-8.1
4th Revised	Page 2-24	Original	Page 6-8.2
3rd Revised	Page 2-25	Original	Page 6-8.3
2nd Revised	Page 2-33	Original	Page 6-8.4
1st Revised	Page 2-35	4th Revised	Page 6-9
1st Revised	Page 2-36	Original	Page 6-9.1
1st Revised	Page 2-38	2nd Revised	Page 6-10
2nd Revised	Page 2-51	2nd Revised	Page 6-11
2nd Revised	Page 2-52	Original	Page 6-11.1
Original	Page 2-52.1	1st Revised	Page 6-23
2nd Revised	Page 2-53	5th Revised	Page 6-28
3rd Revised	Page 2-54	Original	Page 6-28.1
3rd Revised	Page 2-55	6th Revised	Page 6-31
3rd Revised	Page 2-56	7th Revised	Page 6-32
3rd Revised	Page 2-67	Original	Page 6-32.1
2nd Revised	Page 2-69	Original	Page 6-32.2
Original	Page 2-69.1	1st Revised	Page 6-45
3rd Revised	Page 2-77	4th Revised	Page 6-48
Original	Page 2-77.1	5th Revised	Page 6-49
5th Revised	Page 2-78	5th Revised	Page 6-51
2nd Revised	Page 5-2	5th Revised	Page 6-51.1
1st Revised	Page 5-4	3rd Revised	Page 6-51.2
1st Revised	Page 5-5	2nd Revised	Page 6-57
Original	Page 5-5.1	1st Revised	Page 6-81

ACCESS SERVICE

5th Revised	Page 6-95
4th Revised	Page 6-96
5th Revised	Page 6-105
3rd Revised	Page 6-114
1st Revised	Page 7-26
3rd Revised	Page 7-27
1st Revised	Page 7-27-1
Original	Page 7-27.1.1
1st Revised	Page 9-1
2nd Revised	Page 9-2
2nd Revised	Page 9-5
1st Revised	Page 9-6
Original	Page 9-6.1
1st Revised	Page 9-7
1st Revised	Page 9-13
2nd Revised	Page 9-14
2nd Revised	Page 9-15
2nd Revised	Page 9-16
1st Revised	Page 15-1
1st Revised	Page 15-3
1st Revised	Page 15-5
1st Revised	Page 15-24
18th Revised	Page 17-10
6th Revised	Page 17-10.1
3rd Revised	Page 17-10.2
Original	Page 17-10.3
11th Revised	Page 17-12

Transmittal No. 571

Page Number

5th Revised	Page 6-27
6th Revised	Page 6-28
4th Revised	Page 7-27

Transmittal No. 574

Page Number

7th Revised	Page 17-10.1
4th Revised	Page 17-10.2

Transmittal No. 583

Page Number

12th Revised	Page 5-17
11th Revised	Page 5-17.1
Original	Page 5-17.2
7th Revised	Page 6-30
1st Revised	Page 6-30.1
8th Revised	Page 6-32
1st Revised	Page 6-32.1
1st Revised	Page 6-32.2
8th Revised	Page 17-10.1
5th Revised	Page 17-10.2
1st Revised	Page 17-10.2.1

ACCESS SERVICE

Under authority of the Federal Communications Commission Memorandum Opinion and Order, DA-94-706, In the Matter of National Exchange Carrier Association Universal Service Fund and Lifeline Assistance Rates, Transmittal No. 612, Docket No. 94-65 released June 24, 1994, the effective date of tariff rates filed under Transmittal No. 612 is advanced one day to June 30, 1994 and suspended for one day to become effective July 1, 1994.

The tariff rates filed on the listed page of the following transmittal are to become effective on June 30, 1994, suspended for a period of one day, and then to become effective on July 1, 1994.

Trans. No.	Revision	Page Number
612	22nd Revised	Page 17-9

Director - Access Tariffs
100 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

Under authority of the Federal Communications Commission Memorandum Opinion and Order, pursuant to Special Permission No. 94-1505 In the Matter of National Exchange Carrier Association Universal Service Fund and Lifeline Assistance Rates, CC Docket No. 93-123, DA 94-1614 released December 29, 1994. The effective date of Universal Service Fund and Lifeline Assistance rates filed under Transmittal No. 642 are advanced one day to December 31, 1994 and further suspended for one day to become effective January 1, 1995.

The tariff rates filed on the listed page of the following transmittal are to become effective on December 31, 1994, suspended for a period of one day, and then to become effective on January 1, 1995.

Trans. No.	Revision	Page Number
642	23rd Revised	Page 17-9

Director - Access Tariffs
100 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

Under authority of the Federal Communications Commission Memorandum Opinion and Order, In the Matter of 1995 Annual Access Tariff Filings of Non-Price Cap Carriers, National Exchange Carrier Association Universal Service Fund and Lifeline Assistance Rates, DA 95-1472 Released June 29, 1995. The effective date of Universal Service Fund and Lifeline Assistance rates filed under Transmittal No. 670 are advanced one day to June 30, 1995 and further suspended for one day to become effective July 1, 1995.

The tariff rates filed on the listed page of the following transmittal are to become effective on June 30, 1995, suspended for a period of one day, and then to become effective on July 1, 1995.

Trans. No.	Revision	Page Number
670	24th Revised	Page 17-9

Director - Access Tariffs
100 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

Under authority of the Federal Communications Commission Memorandum Opinion and Order, In the Matter of 1996 Annual Access Tariff Filings, National Exchange Carrier Association Universal Service Fund and Lifeline Assistance Rates, DA 96-1022 Released June 24, 1996. The effective date of Universal Service Fund and Lifeline Assistance rates filed under Transmittal No. 710 are advanced one day to June 30, 1996 and further suspended for one day to become effective July 1, 1996.

The tariff rates filed on the listed page of the following transmittal are to become effective on June 30, 1995, suspended for a period of one day, and then to become effective on July 1, 1995.

Trans. No.	Revision	Page Number
710	26th Revised	Page 17-9

ACCESS SERVICE

Under authority of the Federal Communications Commission Memorandum Opinion and Order, pursuant to Special Permission No. 96-856 In the Matter of National Exchange Carrier Association Universal Service Fund and Lifeline Assistance Rates, CC Docket No. 93-123, DA 96-2196 released December 30, 1996. The effective date of Universal Service Fund and Lifeline Assistance rates filed under Transmittal No. 729 are advanced one day to December 31, 1996 and further suspended for one day to become effective January 1, 1997.

The tariff rates filed on the listed page of the following transmittal are to become effective on December 31, 1996, suspended for a period of one day, and then to become effective on January 1, 1997.

Trans. No.	Revision	Page Number
729	27th Revised	Page 17-9

Director - Access Tariffs
100 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

Under authority of the Federal Communications Commission Memorandum Opinion and Order, In the Matter of 1997 Annual Access Tariff Filings, National Exchange Carrier Association Universal Service Fund and Lifeline Assistance Rates, DA 97-1350 released June 27, 1997. The effective date of Universal Service Fund and Lifeline Assistance rates filed under Transmittal No. 759 are advanced one day to June 30, 1997 and further suspended for one day to become effective July 1, 1997.

The tariff rates filed on the listed page of the following transmittal are to become effective on June 30, 1997, suspended for a period of one day, and then to become effective on July 1, 1997.

Trans. No.	Revision	Page Number
759	28th Revised	Page 17-9

Director - Access Tariffs
100 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

Under authority of the Federal Communications Commission's Order In the Matter of December 17, 2001 MAG Access Charge Tariff Filings, DA 01-3023 released December 31, 2001, the effective date of the tariff revisions contained in the following tariff pages originally filed under Transmittal No. 919 is advanced for one day to December 31, 2001. These tariff revisions are then suspended under an Accounting Order for a period of one day, and become effective on January 1, 2002.

Page Number	Revision	Page Number	Revision
Page 7	3rd Revision	Page 3-17	4th Revision
Page 8	4th Revision	Page 3-18	5th Revision
Page 9	3rd Revision	Page 3-19	4th Revision
Page 21	10th Revision	Page 3-20	3rd Revision
Page 22	5th Revision	Page 3-21	5th Revision
Page 33	6th Revision	Page 3-22	8th Revision
Page 2-20	9th Revision	Page 3-23	10th Revision
Page 2-27	5th Revision	Page 3-24	13th Revision
Page 2-28	5th Revision	Page 3-25	3rd Revision
Page 2-29	4th Revision	Page 3-26	Original
Page 2-52.1	5th Revision	Page 4-7	5th Revision
Page 2-55	8th Revision	Page 5-21	12th Revision
Page 2-56	8th Revision	Page 6-6	5th Revision
Page 2-58	4th Revision	Page 6-8	10th Revision
Page 2-59	5th Revision	Page 6-9	9th Revision
Page 3-1	6th Revision	Page 6-32.2	7th Revision
Page 3-2	4th Revision	Page 7-8	3rd Revision
Page 3-3	3rd Revision	Page 9-6	7th Revision
Page 3-4	3rd Revision	Page 9-14	5th Revision
Page 3-5	4th Revision	Page 17-1	51st Revision
Page 3-6	3rd Revision	Page 17-2	7th Revision
Page 3-7	4th Revision	Page 17-3	21st Revision
Page 3-8	4th Revision	Page 17-10.1	24th Revision
Page 3-9	3rd Revision	Page 17-10.2.1	8th Revision
Page 3-10	3rd Revision	Page 17-10.3	12th Revision
Page 3-11	3rd Revision	Page 17-11	31st Revision
Page 3-12	4th Revision	Page 17-11.1	29th Revision
Page 3-13	4th Revision	Page 17-12	21st Revision
Page 3-14	4th Revision	Page 17-15	24th Revision
Page 3-15	4th Revision	Page 17-16	22nd Revision
Page 3-16	5th Revision	Page 17-17	22nd Revision

ACCESS SERVICE

Page Number	Revision
Page 17-21	23rd Revision
Page 17-23	20th Revision
Page 17-24	25th Revision
Page 17-26	23rd Revision
Page 17-27	19th Revision
Page 17-29.8	6th Revision
Page 17-43	12th Revision
Page 17-44	7th Revision
Page 17-45	6th Revision
Page 17-46	12th Revision
Page 17-47	12th Revision
Page 17-48	10th Revision
Page 17-49	10th Revision
Page 17-49.1	Original
Page 17-50	8th Revision
Page 17-51	12th Revision
Page 17-52	13th Revision
Page 17-53	9th Revision
Page 17-54	14th Revision
Page 17-55	9th Revision
Page 17-56	9th Revision
Page 17-57	13th Revision
Page 17-58	9th Revision
Page 17-59	11th Revision
Page 17-60	12th Revision
Page 17-61	9th Revision
Page 17-62	11th Revision
Page 17-63	9th Revision
Page 17-64	9th Revision
Page 17-65	7th Revision
Page 17-66	8th Revision
Page 17-67	8th Revision
Page 17-68	6th Revision
Page 17-69	12th Revision
Page 17-70	8th Revision
Page 17-71	9th Revision
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Page 17-75	8th Revision
Page 17-76	12th Revision
Page 17-77	13th Revision
Page 17-78	11th Revision
Page 17-79	7th Revision

ACCESS SERVICE

Under authority of the Federal Communications Commission's Order In the Matter of Investigation of Tariffs Filed by ACS of Anchorage, Inc. and the National Exchange Carrier Association, DA 02-464, released February 28, 2002, the effective date of the tariff revisions contained in the following tariff pages originally filed under Transmittal No. 926 is advanced for one day to February 28, 2002. These tariff revisions are then suspended under an Accounting Order for a period of one day, and become effective on March 1, 2002.

Page Number	Revision
Page 17-1	52nd Revision
Page 17-57	15th Revision
Page 17-62	12th Revision
Page 17-79	8th Revision

ACCESS SERVICE

Under authority of the Federal Communications Commission's Order In the Matter of 2002 Annual Access Tariff Filings, DA 02-1555, released July 1, 2002, the effective date of the tariff revisions contained in the following tariff pages originally filed under Transmittal Nos. 939 and 941 is advanced for one day to July 1, 2002. These tariff revisions are then suspended under an Accounting Order for a period of one day, and become effective on July 2, 2002.

Page Number	Revision	Page Number	Revision
Title Page 7	32nd Revision	Page 17-29.8	7th Revision
Title Page 15	38th Revision	Page 17-42.1	5th Revision
Title Page 16	40th Revision	Page 17-42.1.1	5th Revision
Title Page 17	34th Revision	Page 17-42.1.2	5th Revision
Title Page 21	39th Revision	Page 17-42.5	10th Revision
Title Page 25	34th Revision	Page 17-42.2.15	1st Revision
Title Page 28	32nd Revision	Page 17-43	14th Revision
Title Page 29	30th Revision	Page 17-44	8th Revision
Title Page 36	33rd Revision	Page 17-45	8th Revision
Title Page 59	43rd Revision	Page 17-46	14th Revision
Title Page 62	25th Revision	Page 17-47	13th Revision
Title Page 67	27th Revision	Page 17-48	11th Revision
Page 8-6.2	15th Revision	Page 17-49	11th Revision
Page 17-1	53rd Revision	Page 17-49.1	1st Revision
Page 17-1.1	Original	Page 17-50	9th Revision
Page 17-2	8th Revision	Page 17-51	13th Revision
Page 17-2.1	Original	Page 17-52	14th Revision
Page 17-3	23rd Revision	Page 17-53	11th Revision
Page 17-10.1	25th Revision	Page 17-54	16th Revision
Page 17-10.2.1	9th Revision	Page 17-55	10th Revision
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Page 17-16	23rd Revision	Page 17-60	13th Revision
Page 17-17	23rd Revision	Page 17-61	11th Revision
Page 17-21	24th Revision	Page 17-62	14th Revision
Page 17-23	21st Revision	Page 17-63	11th Revision
Page 17-24	26th Revision	Page 17-64	10th Revision
Page 17-26	24th Revision	Page 17-65	8th Revision
Page 17-27	20th Revision	Page 17-66	10th Revision
Page 17-29.3	45th Revision	Page 17-67	10th Revision
Page 17-29.4	31st Revision	Page 17-68	8th Revision
Page 17-29.4.1	21st Revision	Page 17-69	14th Revision
Page 17-29.4.2	1st Revision	Page 17-70	9th Revision
Page 17-29.5.1	16th Revision	Page 17-71	12th Revision
Page 17-29.5.2	11th Revision	Page 17-72	10th Revision

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Page Number	Revision
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Page 17-74	17th Revision
Page 17-75	10th Revision
Page 17-76	14th Revision
Page 17-77	14th Revision
Page 17-78	12th Revision
Page 17-79	9th Revision
Page 17-80.1	7th Revision
Page 17-82	18th Revision
Page 17-82.1	10th Revision
Page 17-83	20th Revision
Page 17-87	13th Revision
Page 17-92	1st Revision

ACCESS SERVICE

The effective date of the tariff revisions contained in the following tariff pages originally filed under Transmittal No. 940 scheduled to become effective July 12, 2002, is hereby deferred until July 23, 2002.

Page Number	Revision
Page 2-26	3rd Revision
Page 2-16.1	Original
Page 2-26.2	Original

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ACCESS SERVICE

The effective date of the tariff revisions contained in the following tariff pages originally filed under Transmittal No. 940 scheduled to become effective July 12, 2002, subsequently deferred under Supplement No. 26 until July 23, 2002, is hereby deferred until August 22, 2002.

Page Number	Revision
Page 2-26	3rd Revision
Page 2-16.1	Original
Page 2-26.2	Original

Issued: July 19, 2002

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ACCESS SERVICE

Under authority of the Federal Communications Commission's Order In the Matter of National Exchange Carrier Association, Inc. Tariff FCC No.5, DA 02-2141, released September 4, 2002. The effective date of the tariff revisions contained in the following tariff pages originally filed under Transmittal No. 951 and scheduled to become effective September 5, 2002, is hereby suspended until February 5, 2003.

Page Number	Revision
Page 2-9	2nd Revision
Page 2-10	3rd Revision
Page 2-11	4th Revision
Page 2-26	5th Revision
Page 2-26.1	2nd Revision
Page 2-26.2	2nd Revision
Page 2-26.3	Original
Page 2-26.4	Original

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Under authority of the Federal Communications Commission's Order In the Matter of National Exchange Carrier Association, Inc. Tariff FCC No.5, DA 02-2263, released September 13, 2002, the effective date of the tariff revisions contained in the following tariff pages, excluding the deletion of the paragraph pertaining to outdated DSL material originally filed under Transmittal No. 952 and scheduled to become effective September 14, 2002, is hereby suspended until February 14, 2003.

Page Number	Revision
Page 17-10.1	26th Revision
Page 17-10.2.1	10th Revision
Page 17-10.3	14th Revision
Page 17-11	33rd Revision
Page 17-15	26th Revision
Page 17-16	24th Revision
Page 17-17	24th Revision
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Page 17-23	22nd Revision
Page 17-24	27th Revision
Page 17-26	25th Revision
Page 17-27	21st Revision
Page 17-28	14th Revision
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Page 17-42.1	6th Revision
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Page 17-42.2.15	2nd Revision

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ACCESS SERVICE

The effective date of the tariff revisions contained in the following tariff pages originally filed under Transmittal No. 964 scheduled to become effective January 1, 2003, is hereby deferred until January 22, 2003.

Page Number	Revision
Page 17-42.2.2	9th Revision
Page 17-80.1	12th Revision

Issued: December 27, 2002

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ACCESS SERVICE

Under authority of Special Permission No. 03-004, this Supplement cancels Supplement No. 28 because the proposed material filed under Transmittal No. 951 is withdrawn without becoming effective.

Issued: January 14, 2003

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ACCESS SERVICE

The effective date of the tariff revisions contained in the following tariff pages originally filed under Transmittal No. 964 scheduled to become effective January 1, 2003, subsequently deferred under Supplement No. 30 until January 22, 2003, is hereby deferred until February 5, 2003.

Page Number	Revision
Page 17-42.2.2	9th Revision
Page 17-80.1	12th Revision

Issued: January 17, 2003

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ACCESS SERVICE

Under authority of Special Permission No. 03-011, this Supplement cancels Supplement No. 32 because the proposed material originally filed under Transmittal No. 964 is withdrawn without becoming effective.

Issued: January 24, 2003

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ACCESS SERVICE

Under authority of Special Permission No. 03-012, this Supplement cancels Supplement No. 29 because the proposed material originally filed under Transmittal No. 952 is withdrawn without becoming effective, excluding the deletion of the paragraph pertaining to outdated DSL material originally filed under Transmittal No. 952 that became effective September 14, 2002.

Page Number	Revision
Page 17-10.1	27th Revision
Page 17-10.2.1	11th Revision
Page 17-10.3	15th Revision
Page 17-11	34th Revision
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Page 17-27	22nd Revision
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Page 17-42.1	7th Revision
Page 17-42.1.1	7th Revision
Page 17-42.1.2	7th Revision
Page 17-42.2.15	3rd Revision

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ACCESS SERVICE

Under authority of the Federal Communications Commission's Order In the Matter of July 1, 2004 Annual Access Charge Tariff Filings, DA 04-1997 released July 1, 2004, the effective date of the tariff revisions contained in the following tariff pages originally filed under Transmittal No. 1030 is advanced for one day to June 30, 2004. These tariff revisions are then suspended under an Accounting Order for a period of one day, and become effective on July 1, 2004.

Page Number	Revision	Page Number	Revision
Title Page 4	37th Revision	Page 17-41	9th Revision
Title Page 7	41st Revision	Page 17-41.2	4th Revision
Title Page 9.1	4th Revision	Page 17-41.4	4th Revision
Title Page 39	27th Revision	Page 17-42.1	9th Revision
Title Page 44	39th Revision	Page 17-42.1.1	10th Revision
Title Page 55	44th Revision	Page 17-42.1.2	10th Revision
Title Page 61	43rd Revision	Page 17-42.1.3	3rd Revision
Title Page 67	34th Revision	Page 17-42.2.15	4th Revision
Title Page 68	15th Revision	Page 17-43	18th Revision
Page 17-2	10th Revision	Page 17-44	12th Revision
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Page 17-3	30th Revision	Page 17-47	15th Revision
Page 17-10	29th Revision	Page 17-48	13th Revision
Page 17-10.1	28th Revision	Page 17-49	14th Revision
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Page 17-102	16th Revision
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Page 17-114	3rd Revision
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ACCESS SERVICE

The effective date of the tariff revisions contained in the following tariff pages originally filed under Transmittal No. 1094 scheduled to become effective November 1, 2005, is hereby deferred until December 31, 2005.

Page Number	Revision
Page 13-12	9th Revision
Page 13-13	8th Revision
Page 13-14	7th Revision
Page 13-15	18th Revision
Page 13-16	10th Revision
Page 13-18	8th Revision
Page 17-36.1	Original
Page 17-37	15th Revision

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ACCESS SERVICE

Under authority of the Federal Communications Commission's Order In the Matter of July 3, 2012 Annual Access Charge Tariff Filings, DA 12-1037 released July 2, 2012, the effective date of the tariff revisions contained in the following tariff pages originally filed under Transmittal Nos. 1347 and 1348 is advanced for one day to July 2, 2012. These tariff revisions are then suspended under an Accounting Order for a period of one day, and become effective on July 3, 2012.

Page Number	Revision	Page Number	Revision
Page 17-119	Original	Page 17-152	Original
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ACCESS SERVICE

Under authority of the Federal Communications Commission's Order In the Matter of National Exchange Carrier Association Revisions to Tariff F.C.C. No. 5, DA 12-1156, released July 19, 2012, the effective date of the tariff revisions contained in the following tariff pages originally filed under Transmittal No. 1350 is advanced for one day to July 19, 2012. These tariff revisions are then suspended under an Accounting Order for a period of one day, and become effective on July 20, 2012.

Page Number	Revision
Page 17-123	1st
Page 17-125	1st
Page 17-132	1st
Page 17-144	1st
Page 17-148	1st

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Under authority of the Federal Communications Commission's Order In the Matter of National Exchange Carrier Association Tariff F.C.C. No. 5, WC Docket No. 12-254, Transmittal No. 1358, DA 12-1458, released September 7, 2012, the effective date of the tariff revisions contained in the following tariff pages originally filed under Transmittal No. 1358 is advanced for one day to September 7, 2012. These tariff revisions are then suspended under an Accounting Order for a period of one day, and become effective on September 8, 2012.

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Page 17-15	39th Revision	Page 17-29.8	21st Revision
Page 17-15.1	8th Revision	Page 17-29.8.1	7th Revision
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Page 17-28.1	7th Revision	Page 17-41.8.1.1	4th Revision

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(x) Issued to reflect new corporate address.

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TARIFF USERS GUIDE (Cont'd)

INTRODUCTION

The Tariff Users Guide is meant to assist both experienced and inexperienced users of this tariff in understanding the following:

- tariff content, structure, format and organization,
- effective dates and numbering schemes,
- tariff maintenance procedures,
- symbols and abbreviations, and
- references to other documents/tariffs.

For the experienced user, this Guide contains information which assists in further understanding the tariff and explains procedures related to tariff filings. For the inexperienced user, this Guide should be the starting point of tariff familiarization. It acts as a "road map" to the tariff and should be reviewed first, followed by an examination of the Table of Contents and other administrative documents supplied by NECA.

Immediately preceding this Introduction is a Table of Contents relating strictly to this Guide. This Table of Contents exists in order to provide an overview of the entire Tariff Users Guide, and to assist in quickly finding topics of interest.

Following this Introduction are sample tariff pages that are for illustrative purposes only. They depict and explain tariff methodologies. This Guide is for user benefit only and, in case of conflict, Commission Rules and actual tariff pages take precedence over this Guide.

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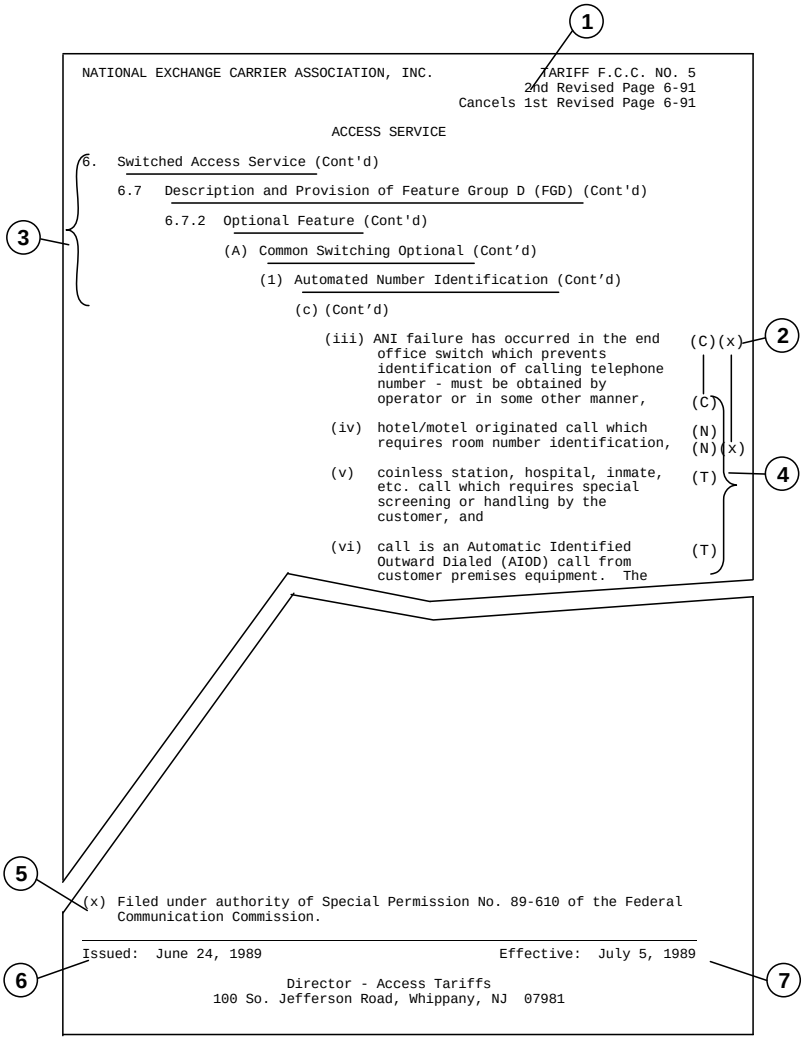
ACCESS SERVICE
TARIFF USERS GUIDE (Cont'd)

- SAMPLE TARIFF PAGE -



1. Denotes the revision number of the page, starts with original and progresses 1st, 2nd, etc.
2. Marginal code directing the reader to a footnote.
3. Alpha-numeric numbering plan.
4. Symbolization required by FCC Rules designating various types of changes made to the tariff.
5. Footnote to which the reader was referred by 2, preceding.
6. The date the page was filed with the FCC.
7. The date the tariff page is scheduled to go into effect at the time of its filing. May be superseded by a supplement, or the effective date of certain material may be deferred by a subsequent page containing a footnote. See page 28, following, for example.

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ACCESS SERVICE
TARIFF USERS GUIDE (Cont'd)

- SAMPLE TARIFF PAGE -

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 5
Original Page 6-90

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group D (FGD) (Cont'd) (z)

6.7.2 Optional Feature (Cont'd)

(A) Common Switching Optional (Cont'd)

(1) Automatic Number Identification (Cont'd)

(b) With Feature Group C, technical limitations may exist in Telephone Company switching facilities which require ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except those originating from multiparty lines, coin stations and coinless pay telephones, or when an ANI failure has occurred. (C) | (C)

(c) Where ANI cannot be provided, e.g., on calls from 4 and 8 party services, information digits will be provided to the customer.

The information digits identify: (T)

(i) telephone number is the station billing number - no special treatment required,

(ii) multiparty line - telephone number is a 4- or 8- party line and cannot be identified - number must be obtained via an operator or in some other manner, (N) | (N) (D) | (D)

Issued: June 24, 1989 Effective: July 5, 1989

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The coding on this page illustrates the following:
(Z) a correction (typo, misspelling, etc.)
(C) change in regulation
(D) deleted material
(N) new rate or regulation
(T) change in text but no change in regulation
See page 43 for a complete list of symbols.

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ACCESS SERVICE
TARIFF USERS GUIDE (Cont'd)

- SAMPLE TARIFF PAGE -

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 5
2nd Revised Page 6-74
Cancels 1st Revised Page 6-74

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6. Description and Provision of Feature Group C (FGC) (Cont'd)

6.6 Description and Provision of Feature Group B (FGB) (Cont'd)

(A) Common Switching Options (Cont'd)

(1) Automatic Number Identification (ANI) (Cont'd)

(b) With Feature Group B, technical limitation may exist in Telephone Company switching facilities which require ANI to be provide only on a directly trunked basis. ANI will be transmitted on all calls except those originating from multiparty lines, coin stations an coinless pay telephones using Feature Group B, or when an ANI failure has occurred. (C)(x) (C)(x)

ANI is not provided from en office where the Telephone Company forwards ANI to its recording equipment.

(c) Where complete ANI detail cannot be provided, e.g., on calls from 4 and 8 party services, information digits will be provided to the customer.

digits identify
Obtain some
Other manner

(x) Filed under authority of Special Permission No. 89-610 of the Federal Communications Commission.

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This footnote indicates that the filing is being made pursuant to a Special Permission granted by the FCC. The Special Permission can be included in the ordering clause of a Commission Order or in a letter from the Commission requiring deferral under Part 61.58(a)(2) of the FCC Rules. More often, the Special Permission has been requested by NECA to file tariff changes that require a waiver of the Commission Rules (e.g., filing on less than statutory notice).

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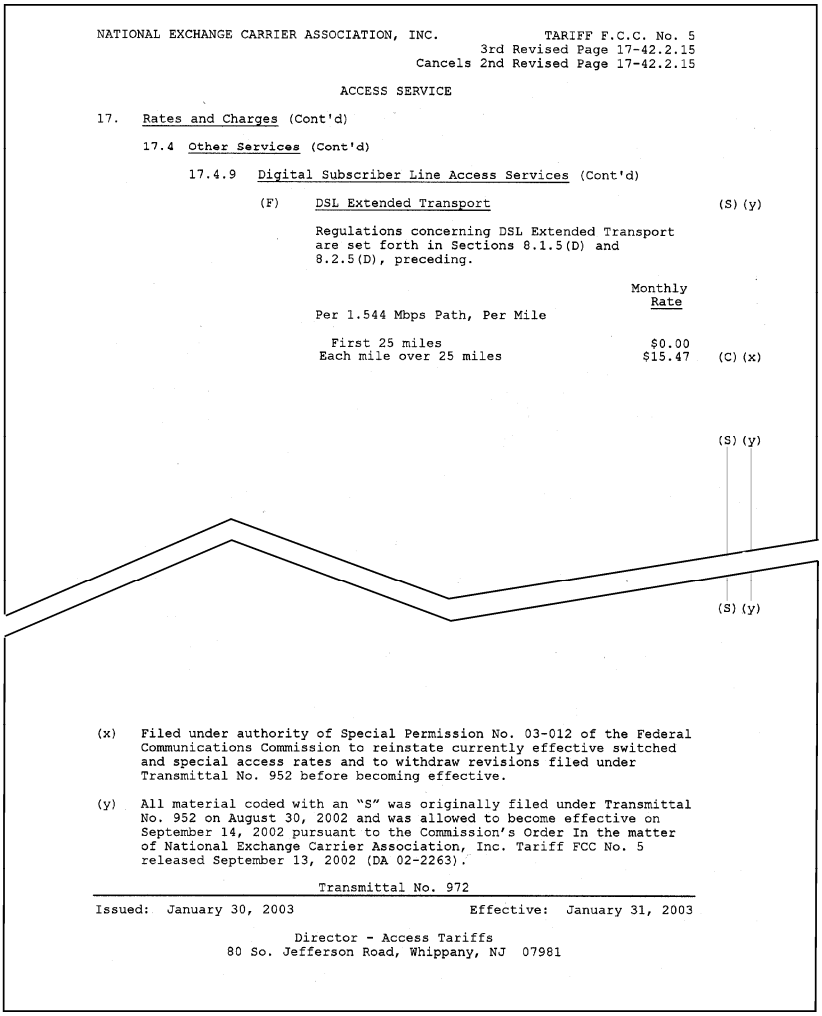
ACCESS SERVICE

TARIFF USERS GUIDE (Cont'd)

- SAMPLE TARIFF PAGE -

(T)



NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 5
3rd Revised Page 17-42.2.15
Cancels 2nd Revised Page 17-42.2.15

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(F) DSL Extended Transport (S) (y)

Regulations concerning DSL Extended Transport are set forth in Sections 8.1.5(D) and 8.2.5(D), preceding.

	Monthly Rate	
Per 1.544 Mbps Path, Per Mile		
First 25 miles	$0.00	
Each mile over 25 miles	$15.47	(C) (x)

(S) (y)

(S) (y)

(x) Filed under authority of Special Permission No. 03-012 of the Federal Communications Commission to reinstate currently effective switched and special access rates and to withdraw revisions filed under Transmittal No. 952 before becoming effective.

(y) All material coded with an "S" was originally filed under Transmittal No. 952 on August 30, 2002 and was allowed to become effective on September 14, 2002 pursuant to the Commission's Order In the matter of National Exchange Carrier Association, Inc. Tariff FCC No. 5 released September 13, 2002 (DA 02-2263).

Transmittal No. 972

Issued: January 30, 2003 Effective: January 31, 2003

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In this example, the (x) footnote denotes a change in the filed rate from a previously filed page. The effective date on this new page will be prior to the original effective date on the previously filed page. The currently effective page should be retained until the new material goes into effect. (T)

The (y) footnote notifies the user that other material on this page was changed under a different transmittal and indicates the effective date for that material.

Additionally, the (S) coding to the right of the tariff text identifies all material which is being reissued, without change, prior to becoming effective.

ACCESS SERVICE

TARIFF USERS GUIDE (Cont'd)

GENERAL

This tariff contains rates and regulations applicable to Access Services.

TARIFF PAGE FORMAT

(Page 25 preceding contains an annotated sample tariff page.)

Page Numbering. Page numbers are located in the upper right corner of each tariff page. Pages for each tariff section are numbered sequentially. The page number shows the tariff section and its location in that section. For example, page 15-2 is the second page of Section 15. When a new page must be added between existing pages, a decimal and number is added to the previous page number, to sequentially number the new page. For example, a new page added between pages 7-18.1 and 7-18.2 would be numbered 7-18.1.1.

Page Revision Numbering. Page Revision Numbers are located in the upper right corner of each tariff page. This number is the most recent page revision on file with the FCC. Due to Notice Periods, and changed Effective Dates, the most recent page on file with the FCC may not be in effect. Consult the Page Effective Date on a specific page and Tariff Supplements to determine if that page is in effect (see Tariff Supplements, following).

Page Effective Date. The Page Effective Date in the lower right corner is the date the page is scheduled to go into effect (at 12:01 AM on that date). THIS DATE MAY BE CHANGED ON THE ASSOCIATION'S OWN INITIATIVE OR DUE TO FCC DIRECTIVE. THE PAGE EFFECTIVE DATE MAY THEN BE CHANGED BY EITHER REISSUING THE PAGE, OR BY ISSUING A TARIFF SUPPLEMENT TO CHANGE THE EFFECTIVE DATE WITHOUT REISSUING THE PAGE. A Tariff Supplement is usually used when many tariff pages are involved to avoid the necessity of reprinting and reissuing many pages solely to change the effective date.

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TARIFF USERS GUIDE (Cont'd)

TARIFF PAGE FORMAT (Cont'd)

Material Effective Date. For the most part, the Page Effective Date found in the lower right corner of the tariff page is the date material becomes effective. As described in Page Effective Date immediately preceding, this may not be the case if a Tariff Supplement has been issued in lieu of reprinting and reissuing many pages. The use of Other Marginal Codes also may be employed to modify the Material Effective Date. Such Other Marginal Codes, lower case letters of the alphabet, (e.g., x, y and z) are ordinarily found in the right margin and direct the reader to footnotes which may contain information concerning the effective date of the page or certain material found on the page. See page 27, preceding, for an example of the use of such other marginal codes.

In summary, (1) read footnotes since they may contain Material Effective Dates other than Page Effective Dates and (2) be aware of Tariff Supplements which may have changed Page Effective Dates en mass. Further on in this section, under the heading "Maintaining Your Tariff", is an explanation of how to keep all these dates straight.

Page Issue Date. The Issue Date in the lower left corner of each tariff page is the date that page was filed with the FCC.

Tariff Section Numbering. An alpha-numeric numbering plan is used to number tariff regulations and rates. Each level is subordinate to and dependent on its next higher level. An example of the numbering sequence follows:

6.
6.1
6.1.1
6.1.1(A)
6.1.1(A)(1)
6.1.1(A)(1)(a)
6.1.1(A)(1)(a)(i)

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TARIFF USERS GUIDE (Cont'd)

TARIFF PAGE FORMAT (Cont'd)

Tariff Revision Coding

Revisions to this tariff are coded through the use of symbols. These symbols are upper case letters of the alphabet and appear in the right margin of the page. The symbols and their meanings are set forth on page 43, following. An example of the use of such coding is set forth on page 26, preceding.

Other marginal codes are used to direct the reader to a footnote for specific information. Codes used for this purpose are lower case letters of the alphabet, e.g., x, y and z. These codes may appear beside the page revision number or in the right margin opposite specific text. See page 26, preceding, for an example of the use of such other marginal codes.

TARIFF STRUCTURE AND ORGANIZATION

Tariff Supplements

A Supplement may be filed with the FCC to cancel or suspend a tariff, impart other information such as Rate Adjustment Factors (RAFs), or under Special Authority, to change the effective date of tariff pages or tariff material without reissuing or refiling the affected tariff pages.

A Supplement will briefly describe the action taken (e.g., suspension, deferral, effective date change, etc.) as well as indicate what tariff material, sections or pages are effected.

The Supplements in effect are listed by number on the first Check Sheet, in the text at the top of that Check Sheet. When a Supplement is no longer needed, it will be deleted from the Check Sheet.

It is recommended that Supplements be placed in the front of the tariff, preceding the Title Page.

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TARIFF USERS GUIDE (Cont'd)

TARIFF STRUCTURE AND ORGANIZATION (Cont'd)

Title Pages (Title Pages 1 through 68)

Title Page 1 provides information regarding the FCC number of the tariff, the class of service provided, the geographical application of the tariff, and the type of facilities used to provide service. This page also provides information related to the origination of the tariff.

Title Pages 2 through 68 list, in alphabetical order, Issuing Carriers. Issuing Carriers are those exchange telephone companies whose authority to provide and bill for Access Service is this tariff. In the case of this tariff, the carriers listed are those who participate in all National Exchange Carrier Association Tariff Pools. Additionally, Issuing Carriers have not filed their own tariffs for any element of Access Service.

Check Sheets (Page 1)

When new or revised tariff pages are filed with the FCC, revised and updated Check Sheets are also filed with the FCC.

The Check Sheets list all pages in the tariff as well as the most recent revision number of each page. When pages are changed or added, the Check Sheets are changed to reflect the change or addition. An asterisk (*) is placed next to revised or added pages to highlight the pages changed.

The Check Sheets list the most recent page revision filed with the FCC. They do not indicate that the latest revision is effective. The effective date on the tariff page itself and Tariff Supplements must be examined to determine page effectiveness. Furthermore, as explained in Material Effective Date preceding, footnotes may govern the effective date of certain material contained on the page. See page 28, preceding, for an example of such a footnote.

Table of Contents (Pages 2 through 21.1) (T)

The Table of Contents lists the Sections and paragraphs of the Tariff and provides a page number at which that Section or paragraph begins.

ACCESS SERVICE

TARIFF USERS GUIDE (Cont'd)

TARIFF STRUCTURE AND ORGANIZATION (Cont'd)

Other Carriers (Page 42)

In addition to Issuing Carriers, all Concurring, Connecting and Other Participating Carriers, are listed in the tariff. There are none in this tariff.

Symbols and Abbreviations (Pages 31, 43, 44 and 44.1)

A listing and explanation of tariff coding symbols and abbreviations used in the tariff are provided.

Technical Publications (Pages 45 through 52) (T)

The status and availability of technical publications required for the provision of Access Service are provided. These technical publications are referenced throughout the tariff, in many cases in the form of footnotes.

Section 1 - Application of Tariff

States the application of the access service tariff.

Section 2 - General Regulations

States the general regulations that apply to the access services offered by this tariff.

Section 3 - Federal Universal Service Charge, ISDN Line Ports and DS1 Line Port and Section 4 - End User Access Service

States the regulations concerning Federal Universal Service Charge, ISDN Line Ports, DS1 Line Port, and End User Access Service, respectively.

Section 5 - Ordering Options

States the requirements of and regulations governing Access Orders and also the regulations concerning Access Orders when service is provided by multiple exchange carriers.

ACCESS SERVICE

TARIFF USERS GUIDE (Cont'd)

TARIFF STRUCTURE AND ORGANIZATION (Cont'd)

Section 6 - Switched Access Service

States the regulations governing the provision of Switched Access Service. This section is subdivided into General, Undertaking of the Telephone Company, Obligations of the Customer and Rate Regulations which relate to all Switched Access Services. In addition, this section contains subdivisions for the Description and Provision of each Switched Access Feature Group Service (e.g., FGA, FGB, FGC and FGD).

Section 7 - Special Access Service

States the regulations for Special Access Service. This section is subdivided into General, Rate Regulations and Surcharge For Special Access Service which relate to Special Access Services. In addition, there are subdivisions describing each of the seven Special Access classes of service (e.g., Metallic, Telegraph, Voice Grade, Program Audio, Video, Digital Data and High Capacity). There is also a subdivision for Individual Case Basis Filings (ICBs).

Section 8 – Digital Subscriber Line Access Services

States the regulations governing Digital Subscriber Line Access Services. This section contains subdivisions for the Description and Provision of each type of Digital Subscriber Line Access Service. Each subdivision, e.g., ADSL Access Service, is further subdivided into sections for General, Limitations, Undertaking of the Telephone Company, Obligations of the Customer and Rate Regulations.

Section 9 - Directory Assistance Service

States the regulations governing Directory Assistance (DA) Service. This section is subdivided into General, Undertaking of the Telephone Company, Obligations of the Customer and Rate Regulations. Additionally, it explains and illustrates DA service when it is directly trunked and when provided in combination with Switched Access Service.

Section 10 - Special Federal Government Access Service

This section covers Special Access Services that are provided to a customer for use only by agencies or branches of the Federal Government and other users authorized by the Federal Government. Services provided to state emergency operations are included.

Section 11 - Special Facilities Routing of Access Services

This section covers Special Facilities Routing which involves access services which may be routed (1) via diverse routes in order to affect an added margin of protection and reliability in the event of facility outages (2) via routes avoiding specified geographical locations or (3) via cable only facilities.

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TARIFF USERS GUIDE (Cont'd)

TARIFF STRUCTURE AND ORGANIZATION (Cont'd)

Section 12 - Specialized Service or Arrangements

This section covers service or arrangements not offered under other sections of this tariff. When service or arrangements are furnished via this section, they are provided on an individual case basis (ICB).

Section 13 - Additional Engineering, Additional Labor and Miscellaneous Services

This section covers the regulations governing Additional Engineering, Additional Labor, Miscellaneous Services, Presubscription and (C)
Access Recovery Charge. (C)

Section 14 - Exceptions to Access Service Offerings

This section is provided to identify those Issuing Carriers who do not provide certain categories of Access Service offered by this tariff.

Section 15 - Access Service Interfaces and Transmission Specifications

This section covers the technical specifications and service parameters of Access Services. Explains and lists Network Channel (NC) codes, Network Channel Interface (NCI) codes and Service Designator (SD) codes. Displays the technical specifications packages available with Special Access Service.

Section 16 - Public Packet Data Network

This section provides for Public Packet Data Network services and contains the terms and conditions and rate regulations pertaining to Frame Relay Access Service, Asynchronous Transfer Mode Cell Relay Access Service, Ethernet Transport Service, and Internet Protocol Gateway Access Service.

Section 17 - Rates and Charges

This section provides all the rates and charges for the Access Services contained in this tariff. It is organized by Common Line Access Service, Switched Access Service, Special Access Service and Other Services.

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ACCESS SERVICE

TARIFF USERS GUIDE (Cont'd)

MAINTAINING THE TARIFF

Maintaining a complete and up-to-date tariff can become quite complex, especially when there is a great deal of tariff revision activity underway. This complexity is increased when several revisions are made to the same tariff page(s) in a short period of time. It is also complicated by the use of Tariff Supplements to change dates, defer proposed revisions, et cetera.

A way of dealing with this complexity requires that each FCC Transmittal Letter and associated tariff pages be dealt with separately and sequentially, preferably as received. If several transmittal letters are received at one time, or several are to be dealt with at one time, it is still best to deal with them sequentially.

Following is an explanation of how filings are made, what they contain, and a suggested procedure for dealing with each Transmittal Letter. If Issuing Carriers have questions on Tariff Maintenance, the NECA Access Tariff Group should be contacted at (973) 884-8000 from within New Jersey and (800) 228-8597 from outside of New Jersey, or via electronic mail at Tariff5@neca.org.

Filings Made with the Federal Communications Commission (FCC)

Whenever changes are required to any tariffs, a filing containing new or revised tariff pages must be made with the FCC. A copy of this filing, generally referred to as a "filing package", is sent to individuals on a predetermined NECA distribution list.

Unless a given filing has a particular urgency, it usually will not be sent out the same day it is filed with the FCC, rather, it will be held at NECA until a filing requiring quick distribution is made, or several filings accumulate. This is done to reduce the number of mailings sent from NECA.

These filings will be sent to Issuing Carriers with a cover letter summarizing the filings and highlighting those of greater importance.

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TARIFF USERS GUIDE (Cont'd)

MAINTAINING THE TARIFF (Cont'd)

Filings Made with the Federal Communications Commission (FCC) (Cont'd)

Each FCC tariff filing package will typically consist of at least three parts:

- A transmittal letter from NECA to the FCC, required with such filings. This is usually a one or two page letter constructed to comply with FCC Rules, summarizing the filings.

- One or more "Check Sheets", which are pages of the tariff, showing the current revision numbers of all pages. On each tariff page, this revision number is located in the upper right hand corner, e.g., "13th Revised Page 6-6".

- One or more revised tariff pages, which carry the revision number listed on the enclosed check sheets, and has an Effective Date in the lower right corner of the page. The Issue Date in the lower left corner is the date the revision was filed with the FCC.

  In addition to or in place of revised tariff pages, a Supplement page may be received. This page can be identified by the words "Supplement No. X to Tariff F.C.C. No. X" in the upper right corner. (Note: Supplements that are effective are listed by number, on check sheet page 1, in the text, directly under the heading CHECK SHEET.)

Check sheets, other tariff pages and supplements are part of the tariff and must be filed in the tariff to keep it current. Check sheets and other numbered pages should be inserted into the tariff in their appropriate locations. It is recommended that supplement pages be filed in the front of the tariff, preceding the Title Page.

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ACCESS SERVICE

TARIFF USERS GUIDE (Cont'd)

MAINTAINING THE TARIFF (Cont'd)

Keeping The Tariff Current

1. It is recommended that one filing package (transmittal letter, check sheets, tariff pages, or supplement) be handled at a time. If there are two or more filing packages that must be added to the tariff, start with the lowest numbered transmittal first and work up.

   For example, if transmittal letters Nos. 19, 20 and 21 are received at the same time, work with 19 first, then 20, then 21.

2. For each filing package, compare the revised Tariff Check Sheets with each enclosed Tariff Page to determine that the revision number on the check sheet(s) coincides with the tariff page. The Page 1 Check Sheet, which is issued with each FCC Transmittal Letter (the letter to the FCC signed by the Director-Access Tariffs), provides the latest revision number of each check sheet. The check sheets include the latest revision number of all subsequent tariff pages. An asterisk (*), indicating a new or revised page, next to page numbers/revision numbers on the check sheets indicates which tariff pages are included with each transmittal.

   For example, if the Check Sheet indicates that Tariff Page No. 6-7 is the 5th Revision, it should be in the package received. Other revisions may exist in the tariff, 4th, 3rd, 2nd, etc., don't discard them yet.

3. Examine the Effective Date in the lower right hand corner of the most recently revised Tariff Pages. If the date is in the future, the tariff page is pending and not yet effective.

   For example, if 5th Revised Page 6-7 has an Effective Date of February 1, 1989, and it is January 15, 1989, that page is not yet effective. This is not the case with check sheets. The check sheet Revision Number is the important thing, since each succeeding check sheet supersedes the previous one, regardless of its effective date.

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TARIFF USERS GUIDE (Cont'd)

MAINTAINING THE TARIFF (Cont'd)

Keeping The Tariff Current (Cont'd)

4. If the Effective Date of a revised tariff page is in the future, examine the Effective Date of the previously revised tariff page to determine if the tariff page is in effect or is pending. If the Effective Date has passed and notification has not been received to the contrary (see item 6 following), the tariff page is in effect. If this is the case, discard any previous revisions which may exist since they have been superseded.

   For example, if 4th Revised Page 6-6 has an Effective Date of January 1, 1989, and it is January 15, 1989, it is not necessary to retain copies of 3rd, 2nd, 1st revisions of Page 6-6. Recent Supplements should be checked to see if effective dates have been deferred.

   If the Effective Date of the 4th Revised Page has not passed, examine the 3rd revised page, and any previously revised pages, until arriving at a page that carries a date that has passed. It is possible to have more than one revised page pending. (For example, 1st Revised Page 7-14 has an Effective Date of January 1, 1989, 2nd Revised is February 1, 1989, 3rd Revised is March 1, 1989, etc.) See Step 6 following regarding the changing of Effective Dates.

5. Pending tariff pages need not be filed in the tariff until they become effective. This will require that an "update file" be established by effective dates for pending pages.

   A way to keep pending (not yet effective) pages segregated but still a part of the tariff, is to punch holes in the right margin and file them in the tariff backwards, facing the effective page to be replaced. Then periodically, or when a new FCC Transmittal is received, replace superseded pages with effective pages. This also provides a convenient way to see what changes are pending.

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TARIFF USERS GUIDE (Cont'd)

MAINTAINING THE TARIFF (Cont'd)

Keeping The Tariff Current (Cont'd)

6. There are several ways of changing the effective date of a tariff page.

- If only a few pages require new effective dates, the pages may be reissued with revised effective dates.

- When a change in the effective date of multiple tariffs is required a Tariff Supplement may be issued. Supplements are numbered sequentially. These supplements are an integral part of the tariff and it is suggested that they be filed in the front of the tariff, preceding the Title Page. The status of each Supplement is also given on Page 1, the first Check Sheet. Effective supplement numbers are given in the text near the top of the page, just under the heading CHECK SHEET.

The supplement will explain what material or pages are affected by the supplement's action and give the new dates and action involved. To keep track of dates changed by a supplement, it is suggested that the effective date printed on the affected tariff pages have a line drawn through it, with the new date written just below it. An explanatory note, such as "Supp. #10", written next to the new date.

What To Do When Everything Else Fails

1. If a tariff has become outdated and does not contain all of the current effective or pending pages, there is a method to make it current.

2. Make sure that you have the latest revision of the first page of the check sheet. Issuing Carriers can determine the number of the latest revision by visiting the NECA website (www.neca.org/cms400min/Neca_templates/Tariff_5_Landing_Page.aspx) and clicking on “Recent Filings”. Both pending and recently effective pages may be viewed and printed as needed. (T)

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ACCESS SERVICE

TARIFF USERS GUIDE (Cont'd)

MAINTAINING THE TARIFF (Cont'd)

What To Do When Everything Else Fails (Cont'd)

3. If you have the latest revision of Check Sheet, Page 1, examine the other check sheets to determine that they are the latest revisions. The latest revision number of all the other check sheets is given on Check Sheet, Page 1.

4. Working from the latest revision of the check sheets, verify that each page has the same revision number as that given on the check sheets. If several revisions of the same page exist, do not discard.

   If the latest revision listed cannot be found, or if pages are missing, or if a page in the tariff contains the incorrect revision date, view the tariff on-line (www.neca.org/cms400min/Neca_templates/Tariff_5_Landing_Page.aspx). (T) Click on “Recent Filings” to view the chart of all pending and recently effective tariff revisions. Print any pages that you are missing.

5. If the revision number corresponds with the check sheet, examine the effective date in the lower right-hand corner. Verify that the material has not been deferred or rejected by issuance of a more recent page revision or supplement. If the date has passed and notification has not been received to the contrary, that page is effective and all previous revisions may be discarded.

   If the effective date has not been reached, the page is pending and a previous revision is in effect. Examine the next previous revision to see if its effective date has passed, or if it is pending. It may be necessary to examine several previously revised pages, since there may be more than one page pending. Upon reaching the currently effective page, all previous revisions may be discarded.

6. At this point, all effective and pending pages should be in the tariff.

ACCESS SERVICE

CONCURRING CARRIERS

NO CONCURRING CARRIERS

CONNECTING CARRIERS

NO CONNECTING CARRIERS

OTHER PARTICIPATING CARRIERS

NO OTHER PARTICIPATING CARRIERS

REGISTERED SERVICE MARKS	REGISTERED TRADEMARKS
NONE	NONE

(x) Issued to reflect new corporate address.

ACCESS SERVICE

EXPLANATION OF SYMBOLS

C - to signify changed regulation.
D - to signify discontinued rate or regulation.
I - to signify increase to a rate or charge.
M - to signify matter relocated without change.
N - to signify new rate or regulation.
R - to signify reduction to a rate or charge.
S - to signify matter reissued without change.
T - to signify a change in text but no change in rate or regulation.
Z - to signify a correction.

EXPLANATION OF ABBREVIATIONS

ACR	-	Alternate Carrier Routing
ADA	-	Abbreviated Dialing Arrangement
ADM	-	Add/Drop Multiplexing
ADSL	-	Asymmetric Digital Subscriber Line
AIN	-	Advanced Intelligent Network
AML	-	Actual Measured Loss
ANI	-	Automatic Number Identification
AP	-	Program Audio
ARC	-	Access Recovery Charge (N)
ATM	-	Asynchronous Transfer Mode
ATM-CRS	-	Asynchronous Transfer Mode Cell Relay Access Service
BHMC	-	Busy Hour Minutes of Capacity
CBR	-	Constant Bit Rate
CCS	-	Common Channel Signaling
CDP	-	Customer Designated Premises
CI	-	Channel Interface
CIR	-	Committed Information Rate
CN		Charge Number
CNP	-	Charge Number Parameter
CO	-	Central Office
Cont'd	-	Continued
CoS		Class of Service
CPE	-	Customer Provided Equipment
CPN	-	Calling Party Number
CSP	-	Carrier Selection Parameter
DA	-	Directory Assistance
dB	-	decibel
dBrnC	-	Decibel Reference Noise C-Message Weighting
dBrnCO	-	Decibel Reference Noise C-Message Weighted O
dc	-	direct current
DDD	-	Direct Distance Dialing
DSL	-	Digital Subscriber Line

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EXPLANATION OF ABBREVIATIONS (Cont'd)

EAS	-	Extended Area Service
EDD	-	Envelope Delay Distortion
EML	-	Expected Measured Loss
EPL	-	Echo Path Loss
ERL	-	Echo Return Loss
ESALT		Ethernet Switched Access Local Transport (N)
ESS	-	Electronic Switching System
ESSX	-	Electronic Switching System Exchange
ETS	-	Ethernet Transport Service
EVC	-	Ethernet Virtual Connection
E-EVC	-	Extended Ethernet Virtual Connection
f	-	frequency
F.C.C.	-	Federal Communications Commission
FRAS	-	Frame Relay Access Service
GETS	-	Government Emergency Telecommunications Service
HC	-	High Capacity
HPC	-	High Probability of Completion
Hz	-	Hertz
IC	-	Interexchange Carrier
ICB	-	Individual Case Basis
ICL	-	Inserted Connection Loss
I-EVC	-	Interconnected Ethernet Virtual Connection
IP	-	Internet Protocol
IPG	-	Internet Protocol Gateway Access Service
ISDN BRI	-	Integrated Services Digital Network Basic Rate Interface
ISDN PRI	-	Integrated Services Digital Network Primary Rate Interface
kbps	-	kilobits per second
kHz	-	kilohertz
LAN	-	Local Area Network
LATA	-	Local Access and Transport Area
LBR-VCC		Low Bit Rate-Virtual Circuit Channel
LNP	-	Local Number Portability
LRN	-	Location Routing Number
ma	-	milliamperes
Mbps	-	Megabits per second
mcs	-	Microsecond
MHz	-	Megahertz
MM-VCC	-	MultiMedia Virtual Circuit Channel
MRC	-	Monthly Recurring Charge
MT	-	Metallic
MTS	-	Message Telecommunications Service(s)

ACCESS SERVICE

EXPLANATION OF ABBREVIATIONS (Cont'd)

NNI	-	Network to Network Interface	
NPA	-	Numbering Plan Area	
NRC	-	Nonrecurring Charge	
NXX	-	Three-Digit Central Office Prefix	
OC	-	Optical Carrier	
OLT	-	Optical Line Termination	
PBX	-	Private Branch Exchange	
PIC	-	Presubscribed Interexchange Carrier	
POT	-	Point of Termination	
PSTN		Public Switched Telephone Network	(N)
PVC	-	Permanent Virtual Connection	
SAC	-	Service Access Code	
SDSL	-	Symmetric Digital Subscriber Line	
SNAL	-	Signaling Network Access Line	
SONET	-	Synchronous Optical Network	
SP	-	Signaling Point	
SPOI	-	Signaling Point of Interface	
SRL	-	Singing Return Loss	
SSP	-	Service Switching Point	
SS7	-	Signaling System 7	
STP	-	Signal Transfer Point	
STS	-	Synchronous Transport Signal	
SWC	-	Serving Wire Center	
TDM		Time Division Multiplexing	(N)
TG	-	Telegraph Grade	
TLP	-	Transmission Level Point	
TV	-	Television	
UBR	-	Unspecified Bit Rate	
UNI	-	User Network Interface	
V & H	-	Vertical & Horizontal	
VBR-nrt	-	Variable Bit Rate – non-real time	
VBR-rt	-	Variable Bit Rate – real time	
VCC	-	Virtual Circuit Channel	
VG	-	Voice Grade	
VP	-	Virtual Path	
WATS	-	Wide Area Telecommunications Service(s)	
WSC	-	Wireless Switching Center	
WSO	-	WATS Serving Office	

ACCESS SERVICE

REFERENCE TO OTHER TARIFFS

Whenever reference is made in this tariff to other tariffs of the Telephone Company, the reference is to the tariffs in force as of the effective date of this tariff, and to amendments thereto and successive issues thereof.

The following tariffs are referenced in this tariff and may be obtained from the Federal Communications Commission's commercial contractor:

National Exchange Carrier Association, Inc. Special Construction Tariff F.C.C. No. 3

National Exchange Carrier Association, Inc. Wire Center Information Tariff F.C.C. No. 4

REFERENCE TO TECHNICAL PUBLICATIONS

The following technical publications are referenced in this tariff and may be obtained from Telcordia Technologies, Inc. (formerly Bell Communications Research, Inc. – Bellcore), One Telcordia Drive, Piscataway, NJ 08854-4151 (www.telcordia.com).

Technical Reference:

GR-253-CORE Issue 5 Synchronous Optical Network (SONET) Transport Systems: Common Generic Criteria
Issued: October, 2009

GR-1374-CORE Issue 1 SONET Inter-Carrier Interface Physical Layer Generic Criteria for Carriers
Issued: December 1994

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PUB 62310 (MDP-326-726) Digital Data System Channel Interface Specification
Issued: September 1983

TR-NPL-000258 Compatibility Information for Feature Group D Switched Access Service
Issued: October 1985

ACCESS SERVICE

REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

GR-334-CORE Issue 1 Switched Access Service:
Transmission Parameter Limits and Interface Combinations
Issued: June 1994

TR-NWT-000335, Issue 3 Voice Grade Special Access Service -
Transmission Parameter Limits and Interface Combinations
Issued: May 1993

TR-NPL-000336 Metallic and Telegraph Grade Special Access Service
- Transmission Parameter Limits and Interface Combinations
Issued: October 1987

GR-337-CORE, Issue 1 Program Audio Special Access Service and
Local Channel Services
Issued: December 1995

GR-338-CORE, Issue 1 Television Special Access and Local Channel
Services - Transmission Parameter Limits and Interface
Combinations
Issued: December 1995

TR-NWT-000341 Digital Data Special Access Service - Transmission
Parameter Limits and Interface Combinations
Issued: Issue 2, February 1993

GR-342-CORE, Issue 1 High Capacity Digital Special Access Service
– Transmission Parameters Limits and Interface Combinations
Issued: December 1995

SR-307 Common Language NC/NCI Dictionary
Issued: Issue 7, September 2008

GR-506-CORE, Issue 3 Signaling for Analog Interfaces (LSSGR)
Issued: December 2011

GR-54-CORE, Issue 1 DS1 High Capacity Digital Service
End User Metallic Interface Specifications
Issued: December 1995

GR-905-CORE, Issue 18 Common Channel Signaling Network Interface (T)
Specification (CCSNIS) Supporting Network Interconnection, Message
Transfer Part (MTP), and Integrated Services Digital Network User
Part (ISDNUP)
Available: December 2015 (T)

TR-TSV-001370 Generic Requirements for Exchange Access Frame Relay
PVC Service
Issued: Issue 1, May 1993

GR-394-CORE Issue 8 Switching System Generic Requirements for
Interexchange Carrier Interconnection Using the Integrated
Services Digital Network User Part (ISDNUP)
Issued: December 2007

ACCESS SERVICE

REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

GR-2936-CORE Issue 3 Local Number Portability (LNP) Capability Specification Service Provider Portability
Issued: November 1997

ST-TEC-000053 Telecommunications Transmission Engineering
Volume 3 - Networks and Services (Chapters 6 and 7)
Third Edition
Issued: August 1989

The following technical publication is referenced in this tariff and may be obtained from the National Exchange Carrier Association, Inc., Director - Access Tariffs, 80 So. Jefferson Road, Whippany, NJ 07981 and the Federal Communications Commission's commercial contractor.

PUB AS No. 1, Issue II Access Service
Issued: May 1984
Addendum: March 1987

The following publications are referenced in this tariff and may be obtained from the U.S. Government Printing Office, Superintendent of Documents, Document Control Branch, 732 North Capitol Street, NW, Washington, DC 20401-0001, or from the Telecommunications Service Priority (TSP) Program Office (send e-mail request to tsp@hq.dhs.gov). (T)

Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook, National Communications System (NCSH 3-1-2).

Issued: July 1990
Revised: December 10, 2000

Telecommunication Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service User Manual, National Communications System (NCSM 3-1-1).

Issued: July 1990
Revised: May 5, 2000

ACCESS SERVICE

REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

The following technical publications are referenced in this tariff and may be obtained from the Alliance for Telecommunications Industry Solutions (ATIS), 1200 G Street N.W., Suite 500, Washington, DC 20005 (www.atis.org).

ATIS-0600410.2001 (R2011), Network to Customer Installation Interfaces – Digital Data at 64 Kbit/s and Subrates

ATIS-0900102.1993 (R2010), Digital Hierarchy - Electrical Interfaces.

ATIS-0900105.2008, Synchronous Optical Network (SONET) - Basic Description including Multiplex Structure, Rates and Formats.

ATIS-1000602.1996 (R2009), Integrated Services Digital Network (ISDN) – Data-Link Layer Signaling Specification for Application at the User-Network Interface.

ATIS-1000618.1991 (R2008), Integrated Services Digital Network (ISDN) - Core Aspects of Frame Protocol for Use with Frame Relay Bearer Service.

ATIS-0600413.2009, Network To Customer Installation Interfaces – Asymmetric Digital Subscriber Line (ADSL) Metallic Interface.

Multiple Exchange Carrier Access Billing (MECAB) Guidelines
Issued: September 2010

Multiple Exchange Carrier Ordering and Design (MECOD) Guidelines
Issued: March 2014 (T)

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REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

The following technical publication is referenced in this tariff and may be obtained from the Institute of Electrical and Electronics Engineers, Inc. (IEEE), 445 Hoes Lane, Piscataway, NJ 08854-4141 (www.ieee.org).

IEEE Std. 802.1D – 2004, Local and Metropolitan Area Networks Media Access Control (MAC) Bridges, Sections 7, 9, 17 and Annex G.

IEEE Std. 802.1Q - 2005, Local and Metropolitan Area Networks Virtual Bridged Local Area Networks, Sections 5 through 12 and Annexes E and G.

IEEE Std. 802.3 - 2008, Information Technology – Telecommunications and Information Exchange Between Systems – Local and Metropolitan Area Networks – Specific Requirements, Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications, Sections 1 through 5.

The following IP/MPLS technical publications are referenced in this tariff and may be obtained from the Broadband Forum, 48377 Fremont Blvd. Suite 117, Fremont, CA 94538 (www.broadband-forum.org). (T)

The ATM Forum Technical Committee, ATM User-Network Interface (UNI) Signalling Specification, Version 4.1, af-sig-0061.002, April, 2002.

The ATM Forum Technical Committee, BISDN Inter Carrier Interface (B-ICI) Specification, Version 2.0 (Integrated), af-bici-0013.003, December, 1995.

The ATM Forum Technical Committee, Private Network – Network Interface Specification, Version 1.1 (PNNI 1.1) af-pnni-0055.002, April, 2002.

Certain material formerly found on this page now appears on 8th Revised Page 48.

ACCESS SERVICE

REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

The following technical publications are referenced in this tariff and may be viewed online without charge on the Internet Engineering Task Force web site (www.ietf.org) using the "RFC Pages" link.

Request For Comments (RFC) 791, Internet Protocol, DARPA Internet Program Protocol Specification, September 1981.

Request For Comments (RFC) 1483, Multiprotocol Encapsulation over ATM Adaptation Layer 5, July 1993.

Request for Comments (RFC) 3261, SIP: Session Initiation Protocol, June 2002.

Request for Comments (RFC) 3262, Reliability of Provisional Responses in the Session Initiation Protocol (SIP), June 2002.

Request for Comments (RFC) 3263, Session Initiation Protocol (SIP): Location SIP Servers, June 2002.

Request for Comments (RFC) 3264, An Offer/Answer Model with the Session Description Protocol (SDP), June 2002.

Request for Comments (RFC) 3265, Session Initiation Protocol (SIP) – Specific Event Notification, June 2002.

Request for Comments (RFC) 3550, RTP: A Transport Protocol for Real-Time Applications, July 2003. (T)

The following technical publications are referenced in this tariff and may be obtained from the International Telecommunication Union Telecommunication Standardization Sector (ITU-T) Place des Nations, 1211 Geneva 20, Switzerland (www.itu.int/rec/T-REC-G/e).

ITU-T G.711 – November 1988, Pulse Code Modulation (PCM) of Voice Frequencies.

ITU-T G.723.1 – May 2006, Dual Rate Speech Coder for Multimedia Communications Transmitting at 5.3 and 6.3 kbit/s.

ITU-T G.729 – January 2007, Coding of Speech at 8 kbit/s Using Conjugate-Structure Algebraic-Code-Excited Linear Prediction (CS-ACELP).

ITU-T G.7041/Y.1303 – August 2005, Generic Framing Procedure (GFP).

ACCESS SERVICE (N)

REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd) (N)

ITU–T G.983.1-January 2005, Broadband Optical Access Systems Based on Passive Optical Networks (PON). (M)

ITU–T G.983.2-July 2005, ONT Management and Control Interface Specification for B-PON.

ITU–T G.983.3-March 2001, A Broadband Optical Access System with Increased Service Capability by Wavelength Allocation.

ITU–T G.983.4-November 2001, A Broadband Optical Access System with Increased Service Capability Using Dynamic Bandwidth Assignment.

ITU–T G.984.1-March 2008, Gigabit-Capable Passive Optical Networks (GPON): General Characteristics.

ITU–T G.984.2-March 2003, Gigabit-Capable Passive Optical Networks (GPON): Physical Media Dependent (PMD) Layer Specification.

ITU–T G.984.3-March 2008, Gigabit-Capable Passive Optical Networks (GPON): Transmission Convergence Layer Specification.

ITU–T G.984.4-February 2008, Gigabit-Capable Passive Optical Networks (GPON): ONT Management and Control Interface Specification. (M)

Certain material currently found on this page previously appeared on 1st Revised Page 50.

ACCESS SERVICE

REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

ITU–T G.992.1-June 1999, Asymmetric Digital Subscriber Line (ADSL) Transceivers.

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ITU–T G.992.3-January 2005, Asymmetric Digital Subscriber Line Transceivers 2 (ADSL2).

ITU–T G.992.4-July 2002, Splitterless Asymmetric Digital Subscriber Line Transceivers 2 (Splitterless ADSL2).

ITU–T G.992.5-January 2005, Asymmetric Digital Subscriber Line (ADSL) Transceivers–Extended Bandwidth ADSL2 (ADSL2+).

ITU-T G.993.2-February 2006, Very High Speed Digital Subscriber Line Transceivers 2 (VDSL2).

ITU-T G.8040/Y.1340 – September 2005, GFP Frame Mapping into Plesiochronous Digital Hierarchy (PDH).

The following technical publications are referenced in this tariff and maybe obtained from the International Telecommunications Union Telecommunication Standardization Sector (ITU-T) Place des Nations, 1211 Geneva 20, Switzerland (www.itu.int/rec/T-Rec-H/e).

ITU-T H.225.0 – May 2006, Call Signalling Protocols and Media Stream Packetization for Packet-Based Multimedia Communication Systems.

ITU-T H.245 – June 2008, Control Protocol for Multimedia Communication.

ITU-T H.323 – June 2006, Packet-Based Multimedia Communications Systems.

ACCESS SERVICE (N)

REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

The following technical publications are referenced in this tariff and may be obtained from the International Telecommunication Union Telecommunication Standardization Sector (ITU-T) Place des Nations, 1211 Geneva 20, Switzerland (www.itu.int/rec/T-REC-I/e).

ITU-CCITT I.233.1-1992, Integrated Services Digital Network (ISDN) General Structure and Service Capabilities, Frame Mode Bearer Services.

ITU-CCITT I.233.2-1992, Integrated Services Digital Network (ISDN) General Structure and Service Capabilities, ISDN Frame Switching Bearer Service.

ITU-CCITT I.370-1991, Integrated Services Digital Network (ISDN) Overall Network Aspects and Functions, ISDN User-Network Interfaces, Congestion Management for the ISDN Frame Relaying Bearer Service.

The following technical publications are referenced in this tariff and may be obtained from the International Telecommunication Union Telecommunication Standardization Sector (ITU-T) Place des Nations, 1211 Geneva 20, Switzerland (www.itu.int/rec/T-REC-Q/e).

ITU–T Q.933-February 2003, Series Q: Switching and Signalling Digital Subscriber Signalling System No.1 – Network Layer, ISDN Digital Subscriber Signalling System No.1 (DSS1) – Signalling Specifications from Frame Mode Switched and Permanent Virtual Connection Control and Status Monitoring. (N)

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ACCESS SERVICE (N)

REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

The following technical publication is referenced in this tariff and may be obtained from the Metro Ethernet Forum (MEF) 6033 W. Century Boulevard, Suite 1107, Los Angeles, CA 90045 (www.metroethernetforum.org).

Implementation Agreement MEF 23.1, Carrier Ethernet Class of Service – Phase 2, January 2012. (N)

ACCESS SERVICE

1. Application of Tariff

1.1 This tariff contains regulations, rates and charges applicable to the provision of End User Access, Switched Access, Special Access, Digital Subscriber Line Access Service, Public Packet Data Network and other miscellaneous services hereinafter referred to collectively as service(s). These services are provided to customers by the Issuing Carriers of this tariff, hereinafter the Telephone Company. This tariff also contains Access Ordering regulations and charges that are applicable when these services are ordered or modified by the customer. (C)

1.2 The provision of such services by the Telephone Company as set forth in this tariff does not constitute a joint undertaking with the customer for the furnishing of any service.

1.3 Pursuant to the Federal Communications Commission's June 29, 1987 Order in CC Docket No. 86-467 and Section 69.603 of the Commission's Rules, NECA "shall also prepare and file an access charge tariff containing terms and conditions for access service and form for the filing of rate schedules by telephone companies that choose to reference these terms and conditions while filing their own access rates." This tariff complies with this Order and Rule requirement and may be referenced by small companies that serve fewer than 50,000 subscriber lines and are described as subset 3 carriers (Section 61.39 of the Commission's Rules). This tariff referencing by small companies is solely for the purpose of reduced regulation of small companies as ordered by the FCC and does not constitute a joint undertaking with the Telephone Company for the furnishing of any service.

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ACCESS SERVICE

2. General Regulations

2.1 Undertaking of the Telephone Company

2.1.1 Scope

(A) The Telephone Company does not undertake to transmit messages under this tariff.

(B) The Telephone Company shall be responsible only for the installation, operation and maintenance of the services it provides.

(C) The Telephone Company will, for maintenance purposes, test its service only to the extent necessary to detect and/or clear troubles.

(D) Services are provided 24 hours daily, seven days per week, except as set forth in other applicable sections of this tariff.

(E) The Telephone Company does not warrant that its facilities and services meet standards other than those set forth in this tariff.

2.1.2 Limitations

(A) Assignment or Transfer of Services

The customer may assign or transfer the use of services provided under this tariff only where there is no interruption of use or relocation of the services. Such assignment or transfer may be made to:

(1) another customer, whether an individual, partnership, association or corporation, provided the assignee or transferee assumes all outstanding indebtedness for such services, and the unexpired portion of the minimum period and the termination liability applicable to such services, if any; or

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.2 Limitations (Cont'd)

(A) Assignment or Transfer of Services (Cont'd)

(2) a court-appointed receiver, trustee or other person acting pursuant to law in bankruptcy, receivership, reorganization, insolvency, liquidation or other similar proceedings, provided the assignee or transferee assumes the unexpired portion of the minimum period and the termination liability applicable to such services, if any.

In all cases of assignment or transfer, the written acknowledgement of the Telephone Company is required prior to such assignment or transfer. This acknowledgement shall be made within 15 days from the receipt of notification. All regulations and conditions contained in this tariff shall apply to such assignee or transferee.

The assignment or transfer of services does not relieve or discharge the assignor or transferor from remaining jointly or severally liable with the assignee or transferee for any obligations existing at the time of the assignment or transfer.

(B) Use and Restoration of Services

The use and restoration of services shall be in accordance with Part 64, Subpart D, Appendix A, of the Federal Communications Commission's Rules and Regulations, which specifies the priority system for such activities.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.2 Limitations (Cont'd)

(C) Sequence of Provisioning

Subject to compliance with the rules mentioned in (B) preceding, the services offered herein will be provided to customers on a first-come, first-served basis.

The first-come, first-served sequence shall be based upon the received time and date recorded, by stamp or other notation, by the Telephone Company on customer access orders. These orders must contain all the information as required for each respective service as delineated in other sections of this tariff. Customer orders shall not be deemed to have been received until such information is provided. Should questions arise which preclude order issuance due to missing information or the need for clarification, the Telephone Company will attempt to seek such missing information or clarification on a verbal basis.

2.1.3 Liability

(A) Limits of Liability

The Telephone Company's liability, if any, for its willful misconduct is not limited by this tariff. With respect to any other claim or suit, by a customer or by any others, for damages associated with the installation, provision, termination, maintenance, repair or restoration of service, and subject to the provisions of (B) through (G) following, the Telephone Company's liability if any, shall not exceed an amount equal to the proportionate charge for the service for the period during which the service was affected. This liability for damages shall be in addition to any amounts that may otherwise be due the customer under this tariff as a Credit Allowance for a Service Interruption.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.3 Liability (Cont'd)

(B) Acts or Omissions

The Telephone Company shall not be liable for any act or omission of any other carrier or customer providing a portion of a service, nor shall the Telephone Company for its own act or omission hold liable any other carrier or customer providing a portion of a service.

(C) Damages to Customer Premises

The Telephone Company is not liable for damages to the customer premises resulting from the furnishing of a service, including the installation and removal of equipment and associated wiring, unless the damage is caused by the Telephone Company's negligence.

(D) Indemnification of Telephone Company

(1) By the End User

The Telephone Company shall be indemnified, defended and held harmless by the end user against any claim, loss or damage arising from the end user's use of services offered under this tariff, involving:

(A) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the end user's own communications;

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.3 Liability (Cont'd)

(D) Indemnification of Telephone Company (Cont'd)

(1) By the End User (Cont'd)

(B) Claims for patent infringement arising from the end user's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end users or customer or;

(C) All other claims arising out of any act or omission of the end user in the course of using services provided pursuant to this tariff.

(2) By the Customer

The Telephone Company shall be indemnified, defended and held harmless by the customer against any claim, loss or damage arising from the customer's use of services offered under this tariff, involving:

(A) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the customer's own communications;

(B) Claims for patent infringement arising from the customer's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end user or customer or;

(C) All other claims arising out of any act or omission of the customer in the course of using services provided pursuant to this tariff.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.3 Liability (Cont'd)

(E) Explosive Atmospheres

The Telephone Company does not guarantee or make any warranty with respect to its services when used in an explosive atmosphere. The Telephone Company shall be indemnified, defended and held harmless by the customer from any and all claims by any person relating to such customer's use of services so provided.

(F) No License Granted

No license under patents (other than the limited license to use) is granted by the Telephone Company or shall be implied or arise by estoppel, with respect to any service offered under this tariff. The Telephone Company will defend the customer against claims of patent infringement arising solely from the use by the customer of services offered under this tariff and will indemnify such customer for any damages awarded based solely on such claims.

(G) Circumstances Beyond the Telephone Company's Control

The Telephone Company's failure to provide or maintain services under this tariff shall be excused by labor difficulties, governmental orders, civil commotions, criminal actions taken against the Telephone Company, acts of God and other circumstances beyond the Telephone Company's reasonable control, subject to the Credit Allowance for a Service Interruption as set forth in 2.4.4 following.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.4 Provision of Services

The Telephone Company will provide to the customer, upon reasonable notice, services offered in other applicable sections of this tariff at rates and charges specified therein. Services will be made available to the extent that such services are or can be made available with reasonable effort, and after provision has been made for the Telephone Company's telephone exchange services.

2.1.5 Facility Terminations

The services provided under this tariff will include any entrance cable or drop wiring and wire or intrabuilding cable to that point where provision is made for termination of the Telephone Company's outside distribution network facilities at a suitable location inside a customer-designated premises. Such wiring or cable will be installed by the Telephone Company to the Point of Termination. Moves of the Point of Termination at the customer designated premises will be as set forth in 6.4.4 and 7.2.3 following.

2.1.6 Service Maintenance

The services provided under this tariff shall be maintained by the Telephone Company. The customer or others may not rearrange, move, disconnect, remove or attempt to repair any facilities provided by the Telephone Company, other than by connection or disconnection to any interface means used, except with the written consent of the Telephone Company.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.7 Changes and Substitutions

Except as provided for equipment and systems subject to FCC Part 68 Regulations at 47 C.F.R. Section 68.110(b), the Telephone Company may, where such action is reasonably required in the operation of its business, substitute, change or rearrange any facilities used in providing service under this tariff. Such actions may include, without limitation:

- substitution of different metallic facilities,
- substitution of carrier or derived facilities for metallic facilities used to provide other than metallic facilities,
- substitution of metallic facilities for carrier or derived facilities used to provide other than metallic facilities,
- substitution of fiber or optical facilities,
- change of minimum protection criteria,
- change of operating or maintenance characteristics of facilities, or
- change of operations or procedures of the Telephone Company.

In case of any such substitution, change or rearrangement, the transmission parameters will be within the range as set forth in Section 15. following. The Telephone Company shall not be responsible if any such substitution, change or rearrangement renders any customer furnished services obsolete or requires modification or alteration thereof or otherwise affects their use or performance. If such substitution, change or rearrangement materially affects the operating characteristics of the facility, the Telephone Company will provide reasonable notification to the customer in writing. Reasonable time will be allowed for any redesign and implementation required by the change in operating characteristics. The Telephone Company will work cooperatively with the customer to determine reasonable notification procedures.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.8 Refusal and Discontinuance of Service

(A) If a customer fails to comply with Section 2.1.6, preceding (Service Maintenance) or Sections 2.3.1, 2.3.4, 2.3.6, 2.3.11, 2.4.1 or 2.5, following (respectively, Damages; Availability for Testing; Balance; Jurisdictional Report and Certification Requirements; Payment of Rates, Charges or Deposits; or Connections), including any customer's failure to make payments on the date and times therein specified, the Telephone Company may, on thirty (30) calendar days written notice by Certified U.S. Mail or overnight delivery to the person designated by that customer to receive such notices of noncompliance, take the following actions: (T) (T) (C) (C)

- refuse additional applications for service and/or refuse to complete any pending orders for service, and/or

- discontinue the provision of service to the customer.

In the case of discontinuance all applicable charges, including termination charges, shall become due.

Certain material formerly found on this page can now be found on Original Page 2-9.2.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.8 Refusal and Discontinuance of Service (Cont'd)

(B) In addition to and not in limitation of the provisions in (A), above, if a customer fails to comply with Section 2.4.1, following (Payment of Rates, Charges and Deposits), including any payments to be made by it on the dates and times therein specified, the Telephone Company may take the actions specified in (A), above, with regard to services provided hereunder to that customer on fifteen (15) calendar days written notice to the person designated by that customer to receive such notices of noncompliance, such notice period to start the day after the notice is sent by overnight delivery, if the customer has not complied with respect to amounts due in a subject bill or subject deposit request and either: (T)

(1) the Telephone Company has sent the subject bill to the customer within seven (7) business days of the bill date; or
(2) the Telephone Company has sent the subject bill to the customer more than thirty (30) calendar days before notice under this section is given; or
(3) the Telephone Company has sent the subject deposit request to the customer more than fifteen (15) business days before notice under this section is given.

In all other cases, the Telephone Company will give thirty (30) calendar days written notice pursuant to (A), above. The Telephone Company will maintain records sufficient to validate the date upon which a bill or deposit request was sent to the customer. Action specified in (A), above, will not be taken with regard to the subject bill or subject deposit request if the customer cures the noncompliance prior to the expiration of the fifteen (15) or thirty (30) days notice period, as applicable.

(C) If notice is given by overnight delivery under (A) or (B), above, it shall be performed by a reputable overnight delivery service such as, or comparable to, the U.S. Postal Service Express Mail, United Parcel Service, or Federal Express.

ACCESS SERVICE (N)

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.8 Refusal and Discontinuance of Service (Cont'd)

(D) The provisions in (A) and (B), above, shall not apply to charges that a customer does not pay based on the submission of a good faith dispute pursuant to Section 2.4.1(D), following (Billing Disputes). (N)

(E) If a customer fails to comply with Section 2.2.2, following (Unlawful and Abusive Use), the Telephone Company may, upon written request from a customer, or another exchange carrier, terminate service to any subscriber or customer identified as having utilized service provided under this tariff in the completion of abusive or unlawful telephone calls. Service shall be terminated by the Telephone Company as provided for in its general and/or local exchange service tariffs. (T)(M)

In such instances when termination occurs the Telephone Company shall be indemnified, defended and held harmless by any customer or Exchange Carrier requesting termination of service against any claim, loss or damage arising from the Telephone Company's actions in terminating such service, unless caused by the Telephone Company's negligence. (M)

Certain material currently found on this page formerly appeared on 4th Revised Page 2-9.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.8 Refusal and Discontinuance of Service (Cont'd)

(F) Except as provided for equipment or systems subject to the FCC Part 68 Rules in 47 C.F.R. Section 68.108, if the customer fails to comply with Section 2.2.1, following (Interference or Impairment), the Telephone Company will, where practicable, notify the customer that temporary discontinuance of the use of a service may be required; however, where prior notice is not practicable, the Telephone Company may temporarily discontinue service forthwith if such action is reasonable in the circumstances. In case of such temporary discontinuance, the customer will be notified promptly and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. During such period of temporary discontinuance, credit allowance for service interruptions as set forth in Section 2.4.4, following, is not applicable. (T) (T) (T)

(G) When access service is provided by more than one Telephone Company, the companies involved in providing the joint service may individually or collectively deny service to a customer for nonpayment. Where the Telephone Company(s) affected by the nonpayment is incapable of effecting discontinuance of service without cooperation from the other joint providers of Switched Access Service, such other Telephone Company(s) will, if technically feasible, assist in denying the joint service to the customer. Service denial for such joint service will only include calls originating or terminating within, or transiting, the operating territory of the Telephone Companies initiating the service denial for nonpayment. When more than one of the joint providers must deny service to effectuate termination for nonpayment, in cases where a conflict exists in the applicable tariff provisions, the tariff regulations of the end office Telephone Company shall apply for joint service discontinuance. (T)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.8 Refusal and Discontinuance of Service (Cont'd)

(H) If the Telephone Company does not refuse additional applications for service and/or does not discontinue the provision of the services as specified for herein, and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to refuse additional applications for service and/or to discontinue the provision of the services to the non-complying customer without further notice. (T)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.9 Notification of Service-Affecting Activities

The Telephone Company will provide the customer reasonable notification of service-affecting activities that may occur in the normal operation of its business. Such activities may include, but are not limited to the following:

- equipment or facilities additions,
- removals or rearrangements,
- routine preventative maintenance, and
- major switching machine change-out.

Generally, such activities are not individual customer service specific, but may affect many customer services. No specific advance notification period is applicable to all service activities. The Telephone Company will work cooperatively with the customer to determine reasonable notification requirements.

2.1.10 Coordination with Respect to Network Contingencies

The Telephone Company intends to work cooperatively with the customer to develop network contingency plans in order to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

2.1.11 Provision and Ownership of Telephone Numbers

The Telephone Company reserves the reasonable right to assign, designate or change telephone numbers, any other call number designations associated with Access Services, or the Telephone Company serving central office prefixes associated with such numbers, when necessary in the conduct of its business. Should it become necessary to make a change in such number(s), the Telephone Company will furnish to the customer six (6) months notice, by Certified U.S. Mail, of the effective date and an explanation of the reason(s) for such change(s).

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.2 Use

2.2.1 Interference or Impairment

The characteristics and methods of operation of any circuits, facilities or equipment provided by other than the Telephone Company and associated with the facilities utilized to provide services under this tariff shall not:

- interfere with or impair service over any facilities of the Telephone Company, its affiliated companies, or its connecting and concurring carriers involved in its services,

- cause damage to their plant,

- impair the privacy of any communications carried over their facilities, or

- create hazards to the employees of any of them or the public.

2.2.2 Unlawful and Abusive Use

(A) The service provided under this tariff shall not be used for an unlawful purpose or used in an abusive manner.

Abusive use includes:

(1) The use of the service of the Telephone Company for a call or calls, anonymous or otherwise, in a manner reasonably expected to frighten, abuse, torment, or harass another;

(2) The use of the service in such a manner as to interfere unreasonably with the use of the service by one or more other customers.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer

2.3.1 Damages

The customer shall reimburse the Telephone Company for damages to Telephone Company facilities utilized to provide services under this tariff caused by the negligence or willful act of the customer or resulting from the customer's improper use of the Telephone Company facilities, or due to malfunction of any facilities or equipment provided by other than the Telephone Company. Nothing in the foregoing provision shall be interpreted to hold one customer liable for another customer's actions. The Telephone Company will, upon reimbursement for damages, cooperate with the customer in prosecuting a claim against the person causing such damage and the customer shall be subrogated to the right of recovery by the Telephone Company for the damages to the extent of such payment.

2.3.2 Ownership of Facilities and Theft

Facilities utilized by the Telephone Company to provide service under the provisions of this tariff shall remain the property of the Telephone Company. Such facilities shall be returned to the Telephone Company by the customer, whenever requested, within a reasonable period. The equipment shall be returned in as good condition as reasonable wear will permit.

(x) Issued to reflect new corporate address.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.3 Equipment Space and Power

The customer shall furnish or arrange to have furnished to the Telephone Company, at no charge, equipment space and electrical power required by the Telephone Company to provide services under this tariff at the points of termination of such services. The selection of ac or dc power shall be mutually agreed to by the customer and the Telephone Company. The customer shall also make necessary arrangements in order that the Telephone Company will have access to such spaces at reasonable times for installing, testing, repairing or removing Telephone Company facilities used to provide services.

2.3.4 Availability for Testing

Access to facilities used to provide services under this tariff shall be available to the Telephone Company at times mutually agreed upon in order to permit the Telephone Company to make tests and adjustments appropriate for maintaining the services in satisfactory operating condition. Such tests and adjustments shall be completed within a reasonable time. As set forth in 2.4.4(C)(4) following, no credit will be allowed for any interruptions involved during such tests and adjustments.

2.3.5 Limitation of Use of Metallic Facilities

Signals applied to a metallic facility shall conform to the limitations set forth in Technical Reference Publication AS No. 1. In the case of application of dc telegraph signaling systems, the customer shall be responsible, at its expense, for the provision of current limiting devices to protect the Telephone Company facilities from excessive current due to abnormal conditions and for the provision of noise mitigation networks when required to reduce excessive noise.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.6 Balance

All signals for transmission over the facilities used to provide services under this tariff shall be delivered by the customer balanced to ground except for ground start, duplex (DX) and McCulloch-Loop (Alarm System) type signaling and dc telegraph transmission at speeds of 75 baud or less.

2.3.7 Design of Customer Services

Subject to the provisions of 2.1.7 preceding (Changes and Substitutions), the customer shall be solely responsible, at its own expense, for the overall design of its services and for any redesigning or rearrangement of its services which may be required because of changes in facilities, operations or procedures of the Telephone Company, minimum protection criteria or operating or maintenance characteristics of the facilities.

2.3.8 References to the Telephone Company

The customer may advise end users that certain services are provided by the Telephone Company in connection with the service the customer furnishes to end users; however, the customer shall not represent that the Telephone Company jointly participates in the customer's services.

(x) Issued to reflect new corporate address.

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.9 Claims and Demands for Damages

(A) With respect to claims of patent infringement made by third persons, the customer shall defend, indemnify, protect and save harmless the Telephone Company from and against all claims arising out of the combining with, or use in connection with, the services provided under this tariff, any circuit, apparatus, system or method provided by the customer.

(B) The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses and damages, including punitive damages, attorney fees and court costs by third persons arising out of the construction, installation, operation, maintenance, or removal of the customer's circuits, facilities, or equipment connected to the Telephone Company's services provided under this tariff including, without limitation, Worker's Compensation claims, actions for infringement of copyright and/or unauthorized use of program material, libel and slander actions based on the content of communications transmitted over the customer's circuits, facilities or equipment, and proceedings to recover taxes, fines, or penalties for failure of the customer to obtain or maintain in effect any necessary certificates, permits, licenses, or other authority to acquire or operate the services provided under this tariff; provided, however, the foregoing indemnification shall not apply to suits, claims, and demands to recover damages for damage to property, death, or personal injury unless such suits, claims or demands are based on the tortious conduct of the customer, its officers, agents or employees.

(C) The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including punitive damages, attorney fees and court costs by the customer or third parties arising out of any act of omission of the customer in the course of using services provided under this tariff.

(x) Issued to reflect new corporate address.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 Coordination with Respect to Network Contingencies
The customer shall, in cooperation with the Telephone Company, coordinate in planning the actions to be taken to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

2.3.11 Jurisdictional Report and Certification Requirements

(A) Certification Requirements - Special Access, Digital Subscriber Line Access and Public Packet Data Network Services

When the customer orders Special Access Service, Digital Subscriber Line Access Service * or Public Packet Data Network Service, and the customer certifies to the Telephone Company in writing that more than ten percent of the traffic is interstate, the service is considered to be interstate and is provided under this Tariff. (C)

Following initial certification, should the jurisdictional nature of the customer's Special Access, Digital Subscriber Line Access or Public Packet Data Network Services change, the customer should inform the Telephone Company in writing of the change. The effective date of the change will be the date the Telephone Company receives the customer's notice of change. No charge applies for the jurisdictional change.

* Digital Subscriber Line Access Service used for connections to the Internet is classified as interstate service provided under this tariff in compliance with the Federal Communications Commission’s Memorandum Opinion and Order released October 30, 1998 (FCC 98-292).

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Jurisdictional Report and Certification Requirements (Cont'd)

(B) Disputes Involving Jurisdictional Certification - Special Access and Public Packet Data Network

If a dispute arises concerning the certification of projected interstate traffic as described in (A) above, the Telephone Company will ask the customer to provide the data the customer used to determine that more than 10% of the traffic is interstate. The customer shall supply the data within thirty (30) days of the Telephone Company request. If the reply results in a jurisdictional change of a Special Access Service or Public Packet Data Network Service, the effective date of the change will be the date the Telephone Company receives the customer's reply. There is no charge when the customer's reply results in a jurisdictional change in the Special Access or Public Packet Data Network Service.

(C) Jurisdictional Reports - Switched Access

For Switched Access Service, the Telephone Company cannot in all cases determine the jurisdictional nature of customer traffic and its related access minutes. In such cases the customer may be called upon to provide a projected estimate of its traffic, split between the interstate and intrastate jurisdictions. For purposes of determining the jurisdiction of Switched Access Services, the regulations set forth in (1) through (4), below, apply. (C) (C) (D) (D)

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Jurisdictional Report and Certification Requirements (Cont'd)

(C) Jurisdictional Reports - Switched Access (Cont'd)

(1) Percentage of Interstate Use (PIU)

(a) For purposes of developing the projected interstate percentage for Feature Group C or Feature Group D, the customer shall consider every call that originates from a calling party in one state and terminates to a called party in a different state to be interstate communications. The customer shall consider every call that terminates to a called party within the same state as the state where the calling party is located to be intrastate communications. The manner in which a call is routed through the telecommunications network does not affect the jurisdiction of a call, i.e., a call between two points within the same state is an intrastate call even if it is routed through another state. (N)

For purposes of developing the (C)
projected interstate percentage for
Feature Group A or Feature Group B, (C)
pursuant to Federal Communications (T)
Commission Order FCC 85-145 released (M)
April 16, 1985, interstate usage is
to be developed as though every call
that enters a customer network at a
point within the same state as that
in which the called station (as
designated by the called station
telephone number) is situated is an
intrastate communication and every
call for which the point of entry is
a state other than that where the
called station (as designated by the
called station telephone number) is
situated, is an interstate
communication. (M)

Certain material currently found on this page formerly appeared on 9th Revised Page 2-20.

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Jurisdictional Report and Certification Requirements (Cont'd)

(C) Jurisdictional Reports - Switched Access (Cont'd)

(1) Percentage of Interstate Use (PIU) (Cont'd) (N)

(b) When the Telephone Company receives sufficient call detail to permit it to determine the jurisdiction of some or all originating and terminating access minutes of use, the Telephone Company will use that call detail to render bills for those minutes of use and will not use PIU factors(s) described in (2), below, to determine the jurisdiction of those minutes of use. (C)

When the Telephone Company receives insufficient call detail to determine the jurisdiction of some or all originating and terminating access minutes of use, the Telephone Company will apply the PIU factor(s) provided by the customer or developed by the Telephone Company as set forth in (2), below, only to those minutes of use for which the Telephone Company does not have sufficient call detail. Such PIU factor(s) will be used until the customer provides an update to its PIU factor(s) as set forth in (2) (g) or (h), below.

For all flat rated Switched Access Services, the Telephone Company will apply the PIU factor(s) as provided by the customer or developed by the Telephone Company as set forth in (2), below, each month until the customer provides an update to its PIU factor(s) as described in (2) (g) or (h), below. (C)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Jurisdictional Report and Certification Requirements (Cont'd)

(C) Jurisdictional Reports - Switched Access (Cont'd)

(2) Use of PIU Factors

(a) As specified in Section 5.2.1, following, the customer will provide a projected PIU for each Switched Access Service for each end office when placing its order. Such PIU factors are applied to all usage rated elements (including but not limited to Information Surcharge, Local Switching, and Tandem Switched Transport), where the Telephone Company does not receive sufficient call detail to determine the jurisdiction of the usage.

If the customer fails to provide a PIU factor on its order for service, the following provisions apply: (T)

(i) For originating access minutes, when the call detail is adequate to determine the appropriate jurisdiction and when the Feature Group C or Feature Group D access minutes of use are measured, the Telephone Company will develop PIU factor(s) on a monthly basis by end office by dividing the customer's measured interstate originating access minutes (the access minutes where the calling party is in one state and the called party is in another state) by the customer's total originating access minutes. (T)

Certain material previously found on this page now appears on 1st Revised Page 2-19.1.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Jurisdictional Report and Certification Requirements (Cont'd)

(C) Jurisdictional Reports - Switched Access (Cont'd)

(2) Use of PIU Factors (Cont'd)

(ii) For terminating access minutes, other than as specified in (iii), below, the same data used by the Telephone Company to develop the PIU factor for originating access minutes will be used to develop the PIU factor for such terminating access minutes.

(iii) For terminating Feature Group D access minutes used in conjunction with Ethernet Switched Access Local Transport as described in Section 6.1.1(A), following, or Internet Protocol Gateway Access Service (IPG) as described in Section 16.4, following, the Telephone Company will apply a default PIU of 50% to the customer's terminating access minutes. (C) (C) (C)

The Telephone Company developed PIU factor(s) described in this section will only be used for minutes of use for which the Telephone Company does not have sufficient call detail to determine the jurisdiction until such time as the customer provides updated PIU factor(s) for these services.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Jurisdictional Report and Certification Requirements (Cont'd)

(C) Jurisdictional Reports - Switched Access (Cont'd)

(2) Use of PIU Factors (Cont'd)

(b) Separate PIUs are required for flat rated Entrance Facilities, Direct Trunked Transport Facilities, and Switched Access Services Optional Features and Functions. The PIU factor(s) for use with such flat rated elements will reflect the combination of originating and terminating traffic of all services using such facilities.

If the customer fails to provide a PIU factor on its order for service, the Telephone Company will apply the PIU factor it developed pursuant to (2)(a), above, against the customer's flat rated Switched Access Services to apportion those charges between the jurisdictions. (T)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Jurisdictional Report and Certification Requirements (Cont'd) (N)

(C) Jurisdictional Reports - Switched Access (Cont'd)

(2) Use of PIU Factors (Cont'd) (T)

(c) When a customer orders Feature Group A or Feature Group B Switched Access Service, the customer shall, in its order, state the projected percentage for interstate usage for each Feature Group A or Feature Group B Switched Access Service group ordered. The term group shall be construed to mean single lines or trunks as well. For all groups the number of access minutes (either measured or assumed) for a group will be multiplied by the projected interstate percentage to develop the interstate access minutes. The number of access minutes for the group minus the developed interstate access minutes for the group will be developed intrastate access minutes. (T) (M) (M)

(d) When a customer orders Directory Assistance Service, the customer shall, in its order, provide the projected interstate percentage for terminating use. (T) (M) (M) (C)

(e) When the customer has both interstate and intrastate Operator Services traffic, the percentage interstate usage determined for the customers's FGC or FGD service will be applied to the customer's Operator Services charges. (T) (M) (M)

Certain material currently found on this page formerly appeared on 4th Revised Page 2-21 and 5th Revised Page 2-24.

Certain material formerly found on this page now appears on Original Page 2-18.2, 6th Revised Page 2-19, Original Page 2-19.1 and Original Page 2-21.1.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Jurisdictional Report and Certification Requirements (Cont'd) (T)

(C) Jurisdictional Reports - Switched Access (Cont'd)

(2) Use of PIU Factors (Cont'd) (T)

(f) For each service, the customer may only provide a PIU factor that is in a whole number format, i.e., a number from 0 to 100. When the customer provides the PIU factor, the Telephone Company will subtract the provided PIU from 100 and the difference is the percent intrastate usage. The sum of the interstate and intrastate percentages will equal 100 percent. The customer provided factors will be used by the Telephone Company as described in (1)(b), above, until the customer provides updated PIU factors as required in (2)(g) or (h), below. (N)

(g) When the customer adds or discontinues Busy Hour Minutes of Capacity (BHMC), lines or trunks to an existing Switched Access Service group, the customer shall furnish a revised projected interstate percentage for the remaining BHMC, lines or trunks in the end office group. The revised report will serve as the basis for future billing, where applicable, and will be effective on the next bill date. No prorating or back billing will be done based on such revised report. (C)

Certain material currently found on this page formerly appeared on 5th Revised Page 2-19 and 9th Revised Page 2-20.

Certain material formerly found on this page now appears on 10th Revised Page 2-20.

ACCESS SERVICE (N)

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Jurisdictional Report and Certification Requirements (Cont'd)

(C) Jurisdictional Reports - Switched Access (Cont'd)

(2) Use of PIU Factors (Cont'd) (N)

(h) Effective on the first of January, April, July and October of each year, the customer shall update its interstate and intrastate jurisdictional report. The customer shall forward to the Telephone Company, to be received no later than fifteen (15) days after the first of each such month, a revised report showing the interstate and intrastate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each service arranged for interstate use. Such revised report will serve as the basis for the next three month's billing for determining the jurisdiction for Switched Access Services in cases where the Telephone Company does not have sufficient call detail to do so and will be effective on the bill date for that service. No prorating or back billing will be done based on the revised report. (T) (M) (C) (M) (M) (C) (M) (C) (C) (M) (M) (C)

If the customer does not supply the revised reports, the Telephone Company will assume the percentages to be the same as those provided in the last quarterly report. For those cases in which a quarterly report has never been received from the customer, the Telephone Company will assume the percentages to be the same as those provided in the customer's order for service or as developed by the Telephone Company as specified in (2)(a), above. (M) (C) (M) (M) (C) (C)

Certain material currently found on this page formerly appeared on 5th Revised Page 2-19 and 9th Revised Page 2-20.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Jurisdictional Report and Certification Requirements (Cont'd) (T)

(C) Jurisdictional Reports - Switched Access (Cont'd)

(3) Maintenance of Customer Records (T)

(a) The customer shall retain for a minimum of six (6) months call detail records that substantiate the interstate percent provided to the Telephone Company as set forth in (2), above, for Switched Access Services. Such records shall consist of (i) and (ii), below, if applicable. (N)

(i) All call detail records such as work papers and/or backup documentation including paper, magnetic tapes or any other form of records for billed customer traffic, call information including call terminating address (i.e., called number), the call duration, all originating and terminating trunk groups or access lines over which the call is routed, and the point at which the call enters the customer's network and;

(ii) If the customer has a mechanized system in place that calculated the PIU, then a description of that system and the methodology used to calculate the PIU must be furnished and any other pertinent information (such as but not limited to flowcharts, source code, etc.) relating to such system must also be made available. (N)

Certain material formerly found on this page now appears on 6th Revised Page 2-19.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Jurisdictional Report and Certification Requirements (Cont'd) (T)

(C) Jurisdictional Reports - Switched Access (Cont'd)

Certain material formerly found on this page now appears on 6th Revised Page 2-19 and 10th Revised Page 2-20.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Jurisdictional Report and Certification Requirements (Cont'd) (T)

(C) Jurisdictional Reports - Switched Access (Cont'd)

(4) Disputes Involving Jurisdictional Reports – Switched Access (T) (T)

(a) If a billing dispute arises or if a regulatory commission questions the projected PIU factor(s) provided by the customer, the Telephone Company may, by written request, require the customer to provide the data the customer used to determine the projected PIU factor(s). This written request will be considered the initiation of the audit. The customer shall supply the data to an independent auditor or the Telephone Company within thirty (30) days of the Telephone Company request. The customer shall keep records of call detail from which the percentage of interstate and intrastate use can be ascertained as set forth in (3), above, and upon request of the Telephone Company make the records available for inspection at an agreed upon location during normal business hours as reasonably necessary for purposes of verification of the percentages. The Telephone Company will audit data from one quarter unless a longer period is requested by the customer and agreed to by the Telephone Company. (C) (C)

Certain material formerly found on this page now appears on 10th Revised Page 2-20 and Original Page 2-24.1.

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Jurisdictional Report and Certification Requirements (Cont'd)

(C) Jurisdictional Reports - Switched Access (Cont'd)

(4) Disputes Involving Jurisdictional Reports – Switched Access (Cont'd)

(b) If the customer does not provide the requested data to the Telephone Company or independent auditor within thirty (30) days of the notice of audit, the customer will be in violation of the Tariff and subject to the provisions specified in Section 2.1.8(A), preceding.

(c) Audits may be conducted by: (1) the Telephone Company when the customer agrees; (2) an independent auditor under contract to the Telephone Company; (3) a mutually agreed upon independent auditor paid for equally by the customer and the Telephone Company; or (4) an independent auditor selected and paid for by the customer. If the customer selects option (4), where it pays for its own independent audit, the selected auditor must certify that the audit was performed following Commission procedures for measuring interstate traffic as established by Commission Order, and provide the Telephone Company a report with supporting documentation to verify such procedures. (N)

(d) Verification audits may be conducted no more frequently than once per year except in extreme circumstances. The Telephone Company and customer will attempt to limit the audit to a reasonable time to effectively complete the audit. The Telephone Company and customer shall respond promptly to requests generated during the audit to ensure timely completion of the audit. (C) (C) (N) (N)

Certain material currently found on this page formerly appeared on 5th Revised Page 2-24.

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Jurisdictional Report and Certification Requirements (Cont'd)

(C) Jurisdictional Reports - Switched Access (Cont'd)

(4) Disputes Involving Jurisdictional Reports – Switched Access (Cont'd)

(e) When a PIU audit is conducted by the Telephone Company or an independent auditor under contract to the Telephone Company, the audit results will be furnished to the customer by Certified U.S. Mail. When a PIU audit is conducted by an independent auditor selected by the customer, the audit results will be furnished to the Telephone Company by Certified U.S. Mail. The Telephone Company will adjust the customer's PIU based upon the audit results. The PIU resulting from the audit shall be applied to the customer's usage for the quarter the audit is completed, the usage for the quarter prior to the completion of the audit, and the usage for the two (2) quarters following the completion of the audit. After that time, the customer may report revised PIU pursuant to (2)(g) or (h), above. If the revised PIU submitted by the customer represents a deviation of 5 percentages points or more from the audited PIU, and that deviation is not due to identifiable reasons, the provisions in (4)(a), above, may be applied.

(f) Both credit and debit adjustments will be made to the customer's interstate access charges based on the audit results for the specified periods to accurately reflect the interstate usage for the customer's account consistent with Section 2.4.1, following. (N)

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Jurisdictional Report and Certification Requirements (Cont'd)

(C) Jurisdictional Reports - Switched Access (Cont'd)

(4) Disputes Involving Jurisdictional Reports – Switched Access (Cont'd)

(g) If, as a result of an audit conducted by an independent auditor, a customer is found to have over-stated its PIU(s) by 20 percentage points or more, the Telephone Company shall require reimbursement from the customer for the cost of the audit. Such bill(s) shall be due and paid in immediately available funds within 30 days from receipt and shall carry a late payment penalty as set forth in Section 2.4.1, following, if not paid within the 30 days. (N)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.12 Determination of Interstate Charges for Mixed Interstate and Intrastate Switched Access Service

When mixed interstate and intrastate Switched Access Service is provided, all charges (i.e., nonrecurring, monthly and/or usage) including optional features charges, will be prorated between interstate and intrastate. The PIU factor(s) provided by the customer or developed by the Telephone Company as set forth in Section 2.3.11(C)(2), preceding, will serve as the basis for prorating the charges unless the Telephone Company is billing according to sufficient call details as set forth in Section 2.3.11(C)(1)(b), preceding. The percentage of a Switched Access Service to be charged as interstate is applied in the following manner: (C) (C) (C) (C)

(A) Monthly and Nonrecurring Charges

For monthly and nonrecurring chargeable rate elements, multiply the percent interstate use times the quantity of chargeable elements times the stated tariff rate per element. (C)

(B) Usage Sensitive Charges

For usage sensitive (i.e., access minutes and calls) chargeable rate elements, multiply the percent interstate use times actual use (i.e., measured or Telephone Company assumed average use) times the stated tariff rate.

(D)
(D)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances

2.4.1 Payment of Rates, Charges and Deposits

(A) Deposits

The Telephone Company will only require a customer that has a proven history of late payments to the Telephone Company or that does not have established credit to make a deposit as a guarantee of the payment of rates and charges. Such deposit may be required prior to establishing a service or at any time after the provision of a service to the customer. For purposes of this section, a proven history of late payments is defined as two (2) or more occasions within the preceding twelve (12) months in which payment for undisputed charges was not received within three (3) business days following the payment due date, provided the outstanding undisputed amount of each such individual unpaid bill represented at least ten (10) percent of the total charges on that individual bill. The Telephone Company will provide notice via overnight delivery to the person designated by the customer to receive such notice of the requirement to pay a deposit. The customer will be required to make payment of such deposit prior to the provision of service in those cases where the customer has not established credit with the Telephone Company, or otherwise within fifteen (15) business days of such notice. Such notice period will start the day after the notice is sent by overnight delivery.

No such deposit will be required of a customer which is a successor of a company which has established credit and has no history of late payments to the Telephone Company. For new services(s) being established such deposit will not exceed the

Certain material formerly found on this page now appears on 6th Revised Page 2-26.1.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(A) Deposits (Cont'd)

estimated rates and charges for a two-month period. For existing service(s) such deposit will not exceed the actual rates and charges for a two-month period associated with each individual bill that met the criteria for late payments specified above. The fact that a deposit has been made in no way relieves the customer from complying with the Telephone Company's regulations as to the prompt payment of bills. At such time as the provision of the service to the customer is terminated, the amount of the deposit will be credited to the customer's account and any credit balance which may remain will be refunded. (M) (M)

Such a deposit will be refunded or credited to the account when the customer has established credit or, in any event, after the customer has established a one-year prompt payment record at any time prior to the termination of the provision of the service to the customer. In case of a cash deposit, for the period the deposit is held by the Telephone Company, the customer will receive interest at the same percentage rate as that set forth in (C)(2)(a) or in (C)(2)(b), following, whichever is lower.

The rate will be compounded daily for the number of days from the date the customer deposit is received by the Telephone Company to and including the date such deposit is credited to the customer's account or the date the deposit is refunded by the Telephone Company. Should a deposit be credited to the customer's account, as indicated above, no interest will accrue on the deposit from the date such deposit is credited to the customer's account.

Certain material currently found on this page previously appeared on 8th Revised Page 2-26.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(A) Deposits (Cont'd)

(D)(x)

(D)(x)

Certain material formerly found on this page can now be found on 6th Revised Page 2-26.

(x) Filed under authority of Special Permission No. 03-004 of the Federal Communications Commission to reinstate currently effective regulations and to withdraw revisions filed under Transmittal No. 951 before becoming effective.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(A) Deposits (Cont'd)

(D)(x)

(D)(x)

Certain material formerly found on this page can now be found on 6th Revised Page 2-26.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) Bill Dates (T)

The Telephone Company shall bill on a current basis all charges incurred by and credits due to the customer under this tariff attributable to services established or discontinued during the preceding billing period. In addition, the Telephone Company shall bill in advance charges for all services to be provided during the ensuing billing period except for charges associated with service usage and for the Federal Government which will be billed in arrears. The bill day (i.e., the billing date of a bill for a customer for service under this tariff), the period of service each bill covers and the payment date will be as follows: (M) (M)

Certain material currently found on this page previously appeared on 7th Revised Page 2-27.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) Bill Dates (Cont'd)

(1) End User Access Service, Federal Universal Service Charge, ISDN Line Ports, DS1 Line Port, Digital Subscriber Line Access Service, Presubscription and Access Recovery Charge (T) (T)

For End User Access Service, Federal Universal Service Charge, ISDN Line Ports, DS1 Line Port, Digital Subscriber Line Access Service, Presubscription Service and Access Recovery Charge, the Telephone Company will establish a bill day each month for each end user account or advise the customer in writing of an alternate billing schedule. Alternate billing schedules shall not be established on less than 60 days notice or initiated by the Telephone Company more than twice in any consecutive 12 month period. The bill will cover End User Access Service, Federal Universal Service Charge, ISDN Line Ports, DS1 Line Port, Digital Subscriber Line Access Service and Access Recovery Charge charges for the ensuing billing period except for End User Access Service, Federal Universal Service Charge, ISDN Line Ports, DS1 Line Port, Digital Subscriber Line Access Service and Access Recovery Charge for the Federal Government which will be billed in arrears. Any applicable PIC Change Charges, any known unbilled charges for prior periods and any known unbilled adjustments for prior periods for End User Access Service, Federal Universal Service Charge, ISDN Line Ports, DS1 Line Port, Digital Subscriber Line Access Service, Presubscription Service and Access Recovery Charge will be applied to this bill. Such bills are due when rendered. (C) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) Bill Dates (Cont'd)

(2) Services Other Than End User, Federal Universal Service Charge, ISDN Line Ports, DS1 Line Port, Digital Subscriber Line, Presubscription and Access Recovery Charge (T) (T)

For Services other than End User Access Service, Federal Universal Service Charge, ISDN Line Ports, DS1 Line Port, Digital Subscriber Line Access Service, Presubscription Service and Access Recovery Charge, the Telephone Company will establish a bill day each month for each customer account or advise the customer in writing of an alternate billing schedule. Alternate billing schedules shall not be established on less than 60 days notice or initiated by the Telephone Company more than twice in any consecutive 12 month period. (C) (C)

The bill will cover nonusage sensitive service charges for the ensuing billing period for which the bill is rendered, any known unbilled nonusage sensitive charges for prior periods and unbilled usage charges for the period after the last bill day through the current bill day. Any known unbilled usage charges for prior periods and any known unbilled adjustments will be applied to this bill. Payment for such bills is due in immediately available funds by the payment date, as set forth in (C) following. If payment is not received by the payment date, a late payment penalty will apply as set forth in (C) following.

ACCESS SERVICE

2. General Regulations(Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(C) Payment Dates and Late Payment Penalties

(1) All bills dated as set forth in (B)(2) preceding for service, other than End User Service, Federal Universal Service Charge, ISDN Line Ports, DS1 Line Port, Digital Subscriber Line Access Service, (C)
Presubscription Service and Access Recovery Charge provided to the customer by the (C)
Telephone Company are due 31 days (payment date) after the bill day or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval, except as provided herein, and are payable in immediately available funds. If the customer does not receive a bill at least 20 days prior to the 31 day payment due date, then the bill shall be considered delayed. When the bill has been delayed, upon request of the customer the due date will be extended by the number of days the bill was delayed. Such request of the customer must be accompanied with proof of late bill receipt.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(C) Payment Dates and Late Payment Penalties (Cont'd)

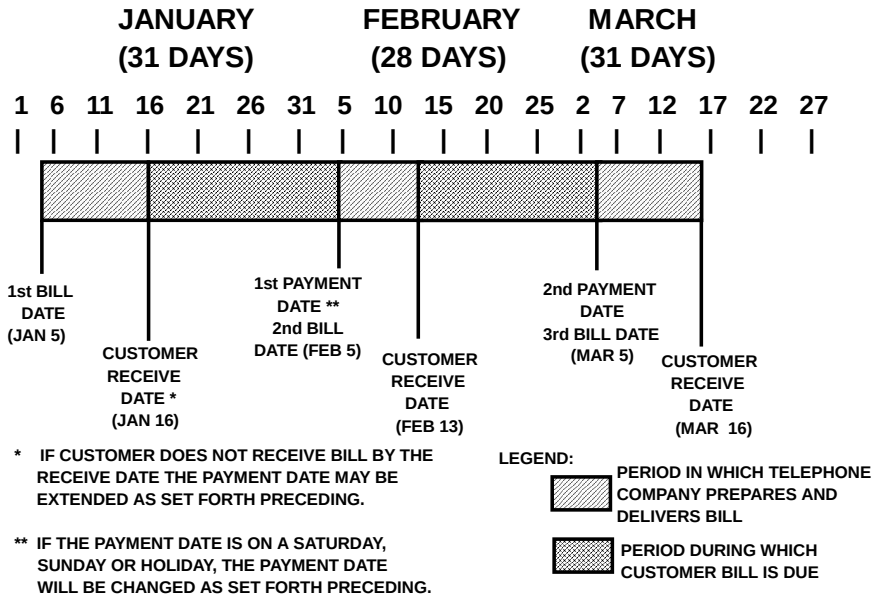
(1) (Cont'd)

If such payment date would cause payment to be due on a Saturday, Sunday or Legal Holiday, payment for such bills will be due from the customer as follows:

- If the payment date falls on a Sunday or on a Legal Holiday which is observed on a Monday, the payment date shall be the first non-Holiday day following such Sunday or Legal Holiday.

- If the payment date falls on a Saturday or on a Legal Holiday which is observed on Tuesday, Wednesday, Thursday or Friday, the payment date shall be the last non-Holiday day preceding such Saturday or Legal Holiday.

EXAMPLE: CALCULATION OF PAYMENT DATES



x) Issued to reflect new corporate address.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(C) Payment Dates and Late Payment Penalties (Cont'd)

(2) Further, if no payment is received by the payment date or if a payment or any portion of a payment is received by the Telephone Company after the payment date as set forth in (1) preceding, or if a payment or any portion of a payment is received by the Telephone Company in funds which are not immediately available to the Telephone Company, then a late payment penalty shall be due to the Telephone Company. The late payment penalty shall be the payment or the portion of the payment not received by the payment date times a late factor. The late factor shall be the lesser of:

(a) the highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Telephone Company, or

(b) 0.000292 per day, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Telephone Company.

Certain material formerly found on this page can now be found on Original Page 2-31.1 and Original Page 2-31.2.

ACCESS SERVICE (N)

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd) (N)

(D) Billing Disputes (T)(M)

(1) A good faith dispute requires the customer to provide a written claim to the Telephone Company. Instructions for submitting a dispute can be obtained by calling the billing inquiry number shown on the customer's bill, or, when available, by accessing such information on the Telephone Company's website also shown on the customer's bill. Such claim must identify in detail the basis for the dispute, and if the customer withholds the disputed amounts, it must identify the account number under which the bill has been rendered, the date of the bill, and the specific items on the bill being disputed to permit the Telephone Company to investigate the merits of the dispute. (N)

(2) The date of the dispute shall be the date on which the customer furnishes the Telephone Company the account information required in (D)(1), above.

(3) The date of resolution is the date the Telephone Company completes its investigation, provides written notice to the customer regarding the disposition of the claim, i.e., resolved in favor of the customer or resolved in favor of the Telephone Company, and credits the customer's account, if applicable. (N)

Certain material currently found on this page formerly appeared on 2nd Revised Page 2-31.

ACCESS SERVICE (N)

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1(D) Billing Disputes (Cont'd) (N)

(4) In the event that a billing dispute concerning any charges billed to the customer by the Telephone Company is resolved in favor of the Telephone Company, any payments withheld pending settlement of the dispute shall be subject to the late payment penalty set forth in (C)(2), above. (C)(M)

(5) If the customer pays the bill in full by the payment due date, and later initiates a billing dispute within ninety (90) days of the payment due date, penalty interest may be applicable.

(a) If the billing dispute is resolved in favor of the customer, the customer shall receive a credit from the Telephone Company. This credit will be an amount equal to the disputed amount resolved in the customer's favor times a penalty factor. This amount will apply from the date of the customer's payment through the date on which the customer receives the disputed amount credit from the Telephone Company. The penalty factor shall be the lesser of: (C)(M)

(i) the highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for the number of days from the first date to and including the last date of the period involved, or (T)(M)

(ii) 0.000292 per day, compounded daily for the number of days from the first date to and including the last date of the period involved. (T) (M)

Certain material currently found on this page formerly appeared on 2nd Revised Page 2-31 and 3rd Revised Page 2-32.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1(D) Billing Disputes (Cont'd) (T)

(b) If the dispute is resolved in favor of the Telephone Company, neither a late payment charge nor a penalty interest charge is applicable. (C)

(6) If the customer pays the bill in full by the payment due date, and later initiates a billing dispute after (90) days of the payment due date, penalty interest may be applicable.

(a) If the billing dispute is resolved in favor of the customer, the customer shall receive a credit from the Telephone Company. This credit will be an amount equal to the disputed amount resolved in the customer's favor times a penalty factor. This amount will apply from the date of the dispute through the date on which the customer receives the disputed amount credit from the Telephone Company. The penalty factor shall be the lesser of: (C)

(i) the highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for the number of days from the first date to and including the last date of the period involved, or (T)

(ii) 0.000292 per day, compounded daily for the number of days from the first date to and including the last date of the period involved. (T)

(b) If the dispute is resolved in favor of the Telephone Company, neither a late payment charge nor a penalty interest charge is applicable.

Certain material formerly found on this page can now be found on Original Page 2-31.2 and Original Page 2-32.1.

ACCESS SERVICE (N)

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd) (N)

(E) Proration of Charges (T)(M)

Adjustments for the quantities of services established or discontinued in any billing period beyond the minimum period set forth for services in other sections of this tariff will be prorated to the number of days based on a 30 day month. The Telephone Company will, upon request, furnish within 30 days of a request and at no charge to the customer such detailed information as may reasonably be required for verification of any bill. (M)

Certain material currently found on this page formerly appeared on 3rd Revised Page 2-32.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(F) Rounding of Charges

When a rate as set forth in this tariff is shown to more than two decimal places, the charges will be determined using the rate shown. The resulting amount will then be rounded to the nearest penny (i.e., rounded to two decimal places).

2.4.2 Minimum Periods

The minimum period for which services are provided and for which rates and charges are applicable is one month except for the following, or as otherwise specified:

- Switched Access usage rated services
- Directory Assistance usage rated services
- Switched Access High Capacity DS3 Entrance Facility and Direct Trunked Transport
- Switched Access Synchronous Optical Channel OC3 and OC12 Entrance Facility and Direct Trunked Transport
- Ethernet Switched Access Local Transport (N)
  Entrance Facility and Direct Trunked Transport (N)
- Special Access Part-time Video
- Special Access Program Audio
- Special Access High Capacity Service
- Special Access Synchronous Optical Channel Service
- Frame Relay Access Service
- Asynchronous Transfer Mode Cell Relay Access Service Ports
- Ethernet Transport Service
- Internet Protocol Gateway Access Service

The minimum period for which service is provided and for which rates and charges are applicable for a Specialized Service or Arrangement provided on an individual case basis as set forth in Section 12, following, is one month unless a different minimum period is established with the individual case filing.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.2 Minimum Periods (Cont'd)

When a service is discontinued prior to the expiration of the minimum period, charges are applicable, whether the service is used or not, as follows:

(A) When a service with a one month minimum period is discontinued prior to the expiration of the minimum period, a one month charge will apply at the rate level in effect at the time service is discontinued.

(B) When a service with a minimum period greater than one month is discontinued prior to the expiration of the minimum period, except for Special Access High Capacity Service, Special Access Synchronous Optical Channel Service, and Frame Relay Access Service Optional Rate Plans as set forth in 7.2.8 and 16.1.3 following, the applicable charge will be the lesser of (1) the Telephone Company's total nonrecoverable costs less the net salvage value for the discontinued service or (2) the total monthly charges, at the rate level in effect at the time service is discontinued, for the remainder of the minimum period.

(x) Issued to reflect new corporate address.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.3 Cancellation of an Order for Service

Provisions for the cancellation of an order for service are set forth in other applicable sections of this tariff.

2.4.4 Credit Allowance for Service Interruptions

(A) General

A service is interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this tariff or in the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer as set forth in 6.2.1 following. An interruption period starts when an inoperative service is reported to the Telephone Company, and ends when the service is operative.

(B) When a Credit Allowance Applies

In case of an interruption to any service, allowance for the period of interruption, if not due to the negligence of the customer, shall be provided.

For the following services, any period during which the error performance is below that specified for the service will be considered as an interruption.

- Digital Data (DA1 through DA6)
- High Capacity (DS1) (T)
- Synchronous Optical Channel Service (OB, OD)

Service interruptions for Specialized Service or Arrangements provided under Section 12. following shall be administered in the same manner as those set forth in this section (2.4.4) unless other regulations are specified with the individual case filing.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for Service Interruptions (Cont'd)

(B) When a Credit Allowance Applies (Cont'd)

Credit allowances are computed as follows:

(1) Special Access Service other than Program Audio and Video, flat rated Switched Access Service and Digital Subscriber Line Access Service rate elements

Except as provided for in Section 6.10.3(E),following, for Ethernet Switched Access Local Transport Real Time Class of Service/Quality of Service and Section 16.3.4(A)(3), following, for Ethernet Transport Service Real Time Class of Service/Quality of Service, for Special Access Services other than Program Audio and Video Services, for flat rated Switched Access Service rate elements (i.e., Entrance Facility, Direct Trunked Transport, Multiplexing, Add/Drop Multiplexing, Customer Node, and Customer Premises Port), and for Digital Subscriber Line Access Service, no credit shall be allowed for an interruption of less than 30 minutes. The customer shall be credited for an interruption of 30 minutes or more at the rate of 1/1440 of the monthly charges for the facility or service for each period of 30 minutes or Major Fraction Thereof that the interruption continues. (C)

The monthly charges used to determine the credit shall be as follows:

Certain material previously found on this page now appears on Original Page 2-35.1.

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ACCESS SERVICE (N)

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for Service Interruptions (Cont'd)

(B) When a Credit Allowance Applies (Cont'd)

Credit allowances are computed as follows:

(1) Special Access Service other than Program Audio and Video, flat rated Switched Access Service and Digital Subscriber Line Access Service rate elements (Cont'd) (N)

(a) Two-point Services (M)

For two-point services, the monthly charge shall be the total of all the monthly rate element charges associated with the service (i.e., two channel terminations, channel mileage and optional features and functions).

(b) Multipoint Services

For multipoint services, the monthly charge shall be only the total of all the monthly rate element charges associated with that portion of the service that is inoperative (i.e., a channel termination per customer designated premises, channel mileage and optional features and functions). (M)

Certain material currently found on this page previously appeared on 4th Revised Page 2-35.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for Service Interruptions (Cont'd)

(B) When a Credit Allowance Applies (Cont'd)

(1) Special Access Service other than Program Audio and Video, flat rated Switched Access Service and Digital Subscriber Line Access Service rate elements (Cont'd)

(c) Multiplexed Services

For multiplexed services, the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service that is inoperative. When the facility which is multiplexed or the multiplexer itself is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with the service to the hub and any individual services from the hub. For Special Access, those charges include Channel Termination, Channel Mileage, and optional features and functions. For Switched Access, those charges include Entrance Facility, Direct Trunked Transport, Multiplexing and optional features and functions such as Add/Drop Multiplexing, Customer Node and Customer Premises Port.

When the service which rides a channel of the multiplexed facility is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service from the hub or wire center equipped for Add/Drop Multiplexing to a customer premises, Telephone Company central office, WATS office, or Public Packet Data Network Service.

Certain material formerly found on this page now appears on 7th Revised Page 2-36.1.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for Service Interruptions (Cont'd)

(B) When a Credit Allowance Applies (Cont'd)

(1) Special Access Service other than Program Audio and Video, flat rated Switched Access Service and Digital Subscriber Line Access Service rate elements (Cont'd)

(d) Flat rated Switched Access Service and Digital Subscriber Line Access Service rate elements

Except as provided for in Section 6.10.3(E), following, for Ethernet Switched Access Local Transport Real Time Class of Service/Quality of Service, for flat rated Switched Access Service rate elements, the monthly charge shall be the total of all the monthly rate element charges associated with the service (i.e., Entrance Facility, Direct Trunked Transport and Multiplexing). For flat rated Digital Subscriber Line Access Service, the monthly charge shall be the total of the monthly rate element charge for the Digital Subscriber Line Access Service. (C) (C)

(e) Public Packet Data Network Services

Except as provided for in Section 16.3.4(A)(3), following, for Ethernet Transport Service Real Time Class of Service/Quality of Service, for Public Packet Data Network Services rate elements, the monthly charge shall be the total of all monthly rate element charges associated with the services. (C) (C)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for Service Interruptions (Cont'd)

(B) When a Credit Allowance Applies (Cont'd)

(2) Program Audio and Video Special Access Services

For Program Audio and Video Special Access Services, no credit shall be allowed for an interruption of less than 30 seconds. The customer shall be credited for an interruption of 30 seconds or more as follows:

(a) For two-point services, when monthly rates are applicable, the credit shall be at the rate of 1/8640 of the monthly charges for the service for each period of 5 minutes or fraction thereof that the interruption continues.

(b) For two-point services, when daily rates are applicable, the credit shall be at the rate of 1/288 of the daily charges for the service for each period of 5 minutes or fraction thereof that the interruption continues.

(c) For multipoint services, when monthly rates are applicable, the credit shall be at the rate of 1/8640 of the monthly charges for each channel termination, channel mileage and optional features and functions that are inoperative for each period of 5 minutes or fraction thereof that the interruption continues.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for Service Interruptions (Cont'd)

(B) When a Credit Allowance Applies (Cont'd)

(2) Program Audio and Video Special Access Services (Cont'd)

(d) For multipoint services, when daily rates are applicable, the credit shall be at the daily rate of 1/288 of the daily charges for channel termination, channel mileage and optional features and functions that are inoperative for each period of 5 minutes or fraction thereof that the interruption continues.

(e) For multipoint services, the credit for the monthly or daily charges includes the charges for the distribution amplifier only when the distribution amplifier is inoperative.

(f) When two or more interruptions occur during a period of 5 consecutive minutes, such multiple interruptions shall be considered as one interruption.

(3) Switched Access and Directory Assistance Service Usage Rated Elements

For Switched Access Service and Directory Assistance Service, usage rated elements, no credit shall be allowed for an interruption of less than 24 hours. The customer shall be credited for an interruption of 24 hours or more at the rate of 1/30 of any applicable monthly rate or assumed minutes of use charge for each period of 24 hours or major fraction thereof that the interruption continues.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for Service Interruptions (Cont'd)

(B) When a Credit Allowance Applies (Cont'd)

(4) Credit Allowances Cannot Exceed Monthly Rate

The credit allowance(s) for an interruption or for a series of interruptions shall not exceed any monthly rate for the service interrupted in any one monthly billing period.

(C) When a Credit Allowance Does Not Apply

No credit allowance will be made for:

(1) Interruptions caused by the negligence of the customer.

(2) Interruptions of a service due to the failure of equipment or systems provided by the customer or others.

(3) Interruptions of a service during any period in which the Telephone Company is not afforded access to the premises where the service is terminated.

(4) Interruptions of a service when the customer has released that service to the Telephone Company for maintenance purposes, to make rearrangements, or for the implementation of an order for a change in the service during the time that was negotiated with the customer prior to the release of that service. Thereafter, a credit allowance as set forth in (B) preceding applies.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for Service Interruptions (Cont'd)

(C) When a Credit Allowance Does Not Apply (Cont'd)

(5) Interruptions of a service which continue because of the failure of the customer to authorize replacement of any element of special construction, as set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 3 for SPECIAL CONSTRUCTION. The period for which no credit allowance is made begins on the seventh day after the customer receives the Telephone Company's written notification of the need for such replacement and ends on the day after receipt by the Telephone Company of the customer's written authorization for such replacement.

(6) Periods when the customer elects not to release the service for testing and/or repair and continues to use it on an impaired basis.

(7) An interruption or a group of interruptions, resulting from a common cause, that would result in credit in an amount less than one dollar.

(D) Use of an Alternative Service Provided by the Telephone Company

Should the customer elect to use an alternative service provided by the Telephone Company during the period that a service is interrupted, the customer must pay the tariffed rates and charges for the alternative service used.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.4 Credit Allowance for Service Interruptions (Cont'd)

(E) Temporary Surrender of a Service (Cont'd)

In certain instances, the customer may be requested by the Telephone Company to surrender a service for purposes other than maintenance, testing or activity relating to a service order. If the customer consents, a credit allowance will be granted. The credit allowance will be 1/1440 of the monthly rate for each period of 30 minutes or fraction thereof that the service is surrendered. In no case will the credit allowance exceed the monthly rate for the service surrendered in any one monthly billing period.

2.4.5 Re-establishment of Service Following Fire, Flood or Other Occurrence

(A) Nonrecurring Charges Do Not Apply

Charges do not apply for the re-establishment of service following a fire, flood or other occurrence attributed to an Act of God provided that:

(1) The service is of the same type as was provided prior to the fire, flood or other occurrence.

(2) The service is for the same customer.

(3) The service is at the same location on the same premises.

(4) The re-establishment of service begins within 60 days after Telephone Company service is available. (The 60 day period may be extended a reasonable period if the renovation of the original location on the premises affected is not practical within the allotted time period).

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.5 Re-establishment of Service Following Fire, Flood or Other Occurrence (Cont'd)

(B) Nonrecurring Charges Apply

Nonrecurring Charges apply for establishing service at a different location on the same premises or at a different premises pending re-establishment of service at the original location.

2.4.6 Title or Ownership Rights

The payment of rates and charges by customers for the services offered under the provisions of this tariff does not assign, confer or transfer title or ownership rights to proposals or facilities developed or utilized, respectively, by the Telephone Company in the provision of such services.

2.4.7 Access Services Provided By More Than One Telephone Company

When an Access Service is provided by more than one Telephone Company, the Telephone Companies involved will mutually agree upon one of the billing methods as set forth in (B) (1) and (2) following based on the service being provided. The Telephone Companies will notify the customer in writing of the billing method being used. The customer will place the order for the service as set forth in 5.3 following dependent upon the billing method.

(A) Non Meet Point Billing/Feature Group A

Non Meet Point Billing under a Revenue Sharing Agreement is the generally accepted billing method for Feature Group A Switched Access Service. At the agreement of the participating Telephone Companies, Meet Point Billing may apply to jointly provided Feature Group A services as set forth in (B) following.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company

(A) Non Meet Point Billing/Feature Group A (Cont'd)

(1) Single Company Billing/Revenue Sharing

All Telephone Companies jointly providing Feature Group A service will receive an order or a copy of the order, from the customer, as specified in 5.3.1(A) following. The Telephone Company that provides the dial tone will arrange to provide the service, determine the applicable charges and bill the customer for the entire service in accordance with its Access Services tariff as provided for under a Feature Group A Revenue Sharing Agreement. (T)

(B) Meet Point Billing

Meet Point Billing is required when an access service is provided by multiple Telephone Companies for Feature Groups B, C, and D Switched Access Services, Directory Assistance and Special Access. It is optional for Feature Group A Switched Access Service.

Each Telephone Company jointly providing the access service will receive an order or a copy of the order from the customer as specified in 5.3.2 following and arrange to provide the service.

For usage rated access services the access minutes of use will be determined by each company. A company without recording capability may obtain detailed access usage records from the recording company to develop its access minutes. (C) (C)

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

The Bill Rendering Company in a single bill arrangement for Feature Groups B, C, and D Switched Access Services, is normally the end user's end office, for WATS usage the Bill Rendering Company is normally the WATS Serving Office, for Directory Assistance, the Bill Rendering Company is normally the Directory Assistance location. The name of the Bill Rendering Company will be included in the meet point billing notification provided to the customer by all the telephone companies on all meet point billed services.

The non Bill Rendering Company(s) is any Telephone Company(s) in whose territory a segment of the Local Transport or Channel Mileage is provided and/or where the customer's Point of Termination is located.

There are two Meet Point Billing Options, Single Bill and Multiple Bill. These billing options are explained in (1) and (2) following. The Single Bill option is the preferred method. However, when a single bill option can not be agreed to by all telephone companies providing service, the multiple bill option is the default.

Each telephone company must provide meet point billing notification to the customer, in writing, when new service is ordered or thirty days prior to changing an existing meet point arrangement. The notification should include the following:

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

- The Meet Point Billing Option that will be used,
- The Telephone Company(s) that will render the bill(s),
- The Telephone Company(s) to whom payment(s) should be remitted, and
- The Telephone Company(s) that will provide the bill inquiry function.

A Telephone Company that renders a meet point bill, the Bill Rendering Company, will render the bill in accordance with the industry standards as described in the Multiple Exchange Carrier Access Billing (MECAB) Guidelines and the Multiple Exchange Carrier Ordering and Design (MECOD) Guidelines. The bill will identify the other Telephone Company(s) providing service (when applicable) and include cross reference(s) to common circuit identifiers. Should a billing dispute arise, the terms and conditions of the Bill Rendering Company will apply. (C) (C) (T)

(1) Single Bill Option

The single bill option allows the customer to receive one bill for access services that are provided by more than one company. The single bill option provides the following two billing alternatives:

- Single Bill/Multiple Tariff, and

- Single Bill/Single Tariff

These options are described following in (a) and (b) respectively.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(1) Single Bill Option (Cont'd)

(a) Single Bill/Multiple Tariff

The single bill/multiple tariff bill is prepared by the Bill Rendering Company but reflects all rates and charges for each connecting company's part of the service based on each company's access tariff.

The Bill Rendering Company will:

- determine and include all recurring and nonrecurring rates and charges for each involved Telephone Company;

- identify each involved Telephone Company's rates and charges separately on the bill;

- forward the bill to the customer and provide a copy of the bill or other substantiation of the charges to the connecting Telephone Companies; and

- advise the customer how to remit the payment, either directly to each Telephone Company involved in the provision of this meet point billed service, or, as a single payment made to the Bill Rendering Company. If payments are to be sent directly to the Bill Rendering Company, the non Bill Rendering Company(s) will provide the customer with written authorization for the payment arrangement.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(1) Single Bill Option (Cont'd)

(D)

(D)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(1) Single Bill Option (Cont'd)

(D)

(D)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(1) Single Bill Option (Cont'd)

(b) Single Bill/Single Tariff

The single bill/single tariff bill provides a meet point bill that is billed completely at the Billing Rendering Company's tariff rates and regulations.

The Bill Rendering Company will:

- determine and include on the access bill all usage data and all other recurring and nonrecurring rates and charges per its access tariff; and

- forward the bill to the customer.

The customer will remit the payment to the Bill Rendering Company.

(2) Multiple Bill Option

Under the Multiple Bill Option each company providing the access service will render an access bill to the customer for its portion of the service based on its access tariff rates and regulations. (D)

(D)

Certain material previously found on this page now appears on 4th Revised Page 2-50.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(2) Multiple Bill Option (Cont'd)

Each company will:

- prepare its own bill;

- determine its charge(s) for Local Transport, Directory Transport, and/or Channel Mileage as set forth in (3) following;

- determine and include all recurring and nonrecurring rates and charges of its access tariff;

- forward its bill to the customer.

The customer will remit payment directly to each Bill Rendering Company.

(3) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges

Except as specified in (j) below for Ethernet Switched Access Local Transport, each Telephone Company's portion of the Local Transport, Directory Transport and Channel Mileage will be developed as follows: (C) (C)

(a) Determine the appropriate Local Transport or Channel Mileage by computing the number of airline miles between the Telephone Company premises (end office, access tandem or serving wire centers for

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges (Cont'd)

(a) (Cont'd)
Switched Access or serving wire centers for Special Access) using the V&H method set forth respectively in 6.4.6 and 7.2.5 following.

(b) Determine the billing percentage (BP), as set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, which represents the portion of the service provided by each Telephone Company.

(c) For Feature Groups A, B, C and D Tandem Switched Transport

- multiply the number of originating and terminating access minutes of use routed over the facility times the number of airline miles, as set forth in (a) preceding, times the BP for each Telephone Company, as set forth in (b) preceding, times the Tandem Switched Facility rate;

- multiply the Tandem Switched Termination rate times the number of originating and terminating access minutes routed over the facility.

- When a tandem office is located within the operating territory of a Telephone Company participating in NECA's Traffic Sensitive Pool, multiply the Tandem Switching rate times the number of originating and terminating access minutes that are switched at the tandem.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges (Cont'd)

(c) (Cont'd)
The Tandem Switched Termination rate is applied as set forth in 6.1.3(A) following. The Switched Access Nonrecurring Charges are applied as set forth in 6.4.1(B) following. (Note: The BP is not applied to the Switched Access Tandem Switched Termination rate or any Nonrecurring Charge.)

(d) For Feature Groups A, B, C, and D Direct Trunked Transport:

- multiply the number of airline miles, as set forth in (a) preceding, times the BP for each Telephone Company, as set forth in (b) preceding, times the Direct Trunked Facility rate.

- The Direct Trunked Termination rate is applied as set forth in 6.1.3(A) following. The Switched Access Nonrecurring Charges are applied as set forth in 6.4.1(B) following. (Note: The BP is not applied to either the Switched Access Direct Trunked Termination rate or any Nonrecurring Charge.)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges (Cont'd)

(e) For Feature Groups A, B, C, and D.

(D)

(D)

- When the Entrance Facility and/or Multiplexing equipment is located within the operating territory of a Telephone Company participating in NECA's Traffic Sensitive Pool, the Entrance Facility and/or Multiplexing charge will apply.

- The Billing Percentage (BP) is not applicable to the Entrance Facility and Multiplexer charges. (C) (C)

(f) For Special Access, multiply the number of airline miles, as set forth in (a) preceding, times the BP for each Telephone Company, as set forth in (b) preceding, times the Channel Mileage Facility rate and add the Channel Mileage Termination rate.

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges (Cont'd)

(f) (Cont'd)
The Special Access Channel Mileage Termination rate and nonrecurring charges are applied as set forth in 7.2.1(B)(2) and 7.2.2(C) following. (Note: The BP is not applied to either the Channel Mileage Termination Recurring Rate or any Nonrecurring Charge.)

(g) For Directory Assistance Service, multiply the Directory Transport rate times the number of directory assistance calls times the BP for each Telephone Company, as set forth in (b) preceding.

The Directory Assistance Nonrecurring charge is applied as set forth in 9.4.1(B) following. (Note: The BP is not applied to any Nonrecurring Charge.)

(h) When three or more Telephone Companies are involved in providing an Access Service, the intermediate Telephone Company(s) will determine the charges as set forth in (c) through (g) preceding. Additionally, when a segment of the Tandem Switched Facility, Direct Trunked Facility or Channel Mileage Facility is measured to the intermediate office(s), the Tandem Switched Termination, Direct Trunked Termination or Channel Mileage Termination rates are also applied at the intermediate Telephone Company(s) office(s).

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

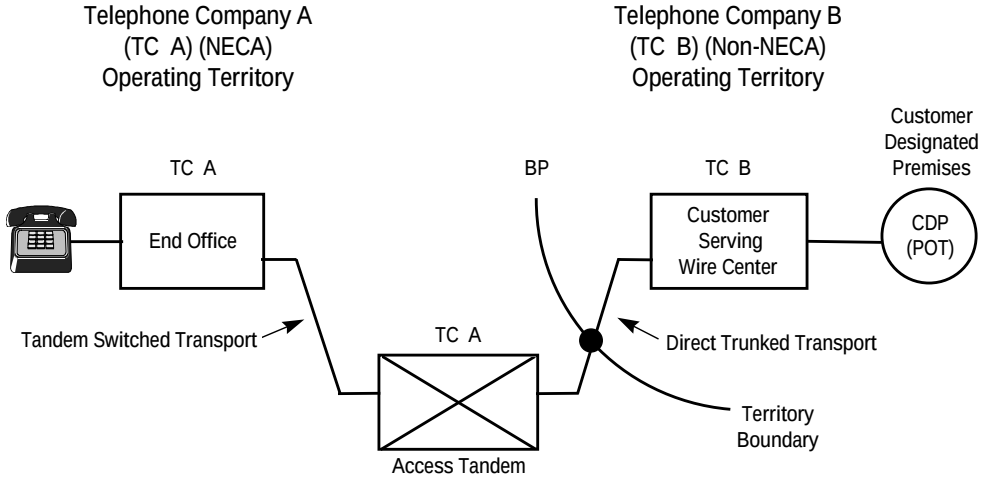
(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges (Cont'd)

(i) Example 1 - Switched Access

Layout

- Feature Group D Switched Access is ordered to End Office.
- End Office and Access Tandem are in the operating territory of a Telephone Company (TC-A) participating in NECA's Traffic Sensitive Pool.
- Customer Designated Premises is in the operating territory of a Telephone Company (TC-B) not participating in NECA's Traffic Sensitive Pool.



BP = Billing Percentage

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges (Cont'd)

(i) Example 1 - Switched Access (Cont'd)

The following example reflects the rate calculations for TC-A, a Telephone Company participating in NECA's Traffic Sensitive Pool. Rates for a Non-Traffic Sensitive Pool member company would appear in that company's access tariff.

- Assume:

End Office to Access Tandem:
Airline miles from TC A End Office to TC A Access Tandem = 22.1, Rounded = 23

Access Tandem to Serving Wire Center:
Airline miles from TC A Access Tandem to TC B Serving Wire Center = 25.6, rounded = 26

Billing Percentage (BP)
TC A = 40%
TC B = 60%

Access Minutes = 9000

(D)

End Office Charges = EO

Tandem Switched Facility Rate = TSF

Tandem Switched Termination Rate = TST

Tandem Switching Rate = TS

Direct Trunked Facility Rate = DTF

Direct Trunked Termination Rate = DTT

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges (Cont'd)

(i) Example 1 - Switched Access (Cont'd)

- Telephone Company A charges are:

(D)
(D)

End Office charges
= 9,000 min. x EO rate

Tandem Switched Facility charge
= 9,000 min. x 23 mi. x TSF rate

Tandem Switched Termination charge
= 2 terminations x 9,000 min. x TST rate

Tandem Switching charge
= 9,000 min. x TS rate

Direct Trunked Facility charge
= 26 miles x DTF rate x 40%

Direct Trunked Termination charge
= 1 termination x DTT rate

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

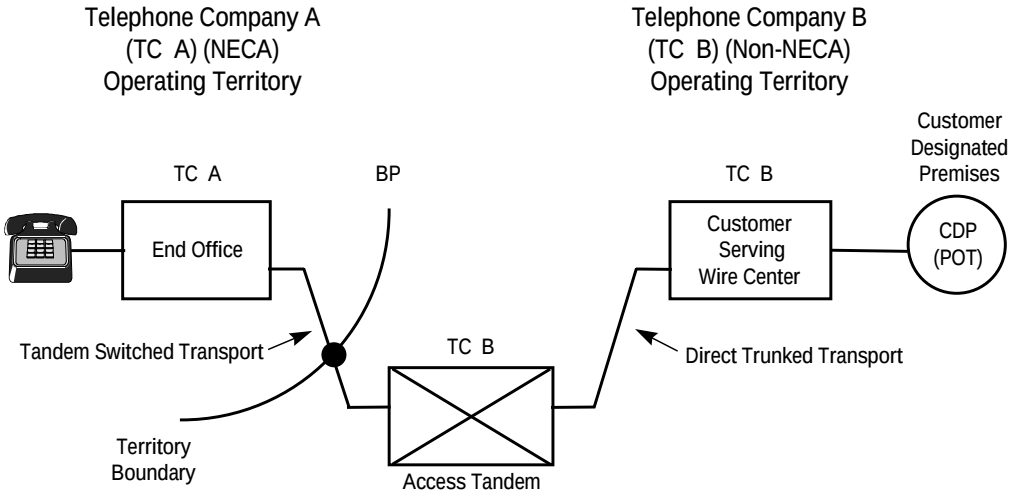
(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges (Cont'd)

(i) Example 2 - Switched Access

Layout

- Feature Group D Switched Access is ordered to End Office.
- End Office is in the operating territory of a Telephone Company (TC-A) participating in NECA's Traffic Sensitive Pool.
- Access Tandem and Customer Designated Premises are in the operating territory of a Telephone Company (TC-B) not participating in NECA's Traffic Sensitive Pool.



BP = Billing Percentage

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges (Cont'd)

(i) Example 2 - Switched Access (Cont'd)

The following example reflects the rate calculations for TC-A, a Telephone Company participating in NECA's Traffic Sensitive Pool. Rates for a Non-Traffic Sensitive Pool member company would appear in that company's access tariff.

- Assume:

End Office to Access Tandem:
Airline miles from TC A End Office to TC B Access Tandem = 22.1, Rounded = 23

Billing Percentage (BP)
TC A = 80%
TC B = 20%

Access Tandem to Serving Wire Center:
Airline miles from TC B Access Tandem to TC B Serving Wire Center = 25.6, rounded = 26

Access Minutes = 9000

(D)

End Office Charges = EO

Tandem Switched Facility Rate = TSF

Tandem Switched Termination Rate = TST

Tandem Switching Rate = TS

Direct Trunked Facility Rate = DTF

Direct Trunked Termination Rate = DTT

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges (Cont'd)

(i) Example 2 - Switched Access (Cont'd)

- Telephone Company A charges are:

(D)
(D)

End Office charges
= 9,000 min. x EO rate

Tandem Switched Facility charge
= 9,000 min. x 23 mi. x TSF rate
x 80%

Tandem Switched Termination charge
= 1 termination x 9,000 min.
x TST rate

ACCESS SERVICE (N)

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges (Cont'd)

(j) For Ethernet Switched Access Local Transport (ESALT):

- When ESALT is jointly provided with a Telephone Company in an adjacent operating territory, each of the two Telephone Companies involved (i.e., the company with the ESALT SWC and the company with the SWC serving the customer designated premises) will bill one ESALT Direct Trunked Termination (ESALT DTT) monthly rate element, one ESALT Direct Trunked Facility (ESALT DTF)-E2 monthly rate element, one ESALT DTT nonrecurring charge and one Access Order Charge. The company with the SWC serving the customer designated premises will also bill the customer the applicable monthly and nonrecurring charges for the ESALT Entrance Facility (EF) rate element.

- When ESALT is jointly provided with a Telephone Company in a non-adjacent operating territory and the airline distance between the ESALT SWC and the SWC serving the customer designated premises is 50 airline miles or less as measured using the V&H coordinates (N)

ACCESS SERVICE (N)

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges (Cont'd)

(j) For Ethernet Switched Access Local Transport (ESALT): (Cont'd)

method, each of the two Telephone Companies involved (i.e., the company with the ESALT SWC and the company with the SWC serving the customer designated premises) will bill one ESALT DTT monthly rate element, one ESALT DTF-E3 monthly rate element, one ESALT DTT nonrecurring charge and one Access Order Charge. The company with the SWC serving the customer designated premises will also bill the customer the applicable monthly and nonrecurring charges for the ESALT Entrance Facility (EF) rate element.

- When ESALT is jointly provided with a Telephone Company in a non-adjacent operating territory and the airline distance between the ESALT SWC and the SWC serving the customer designated premises is between 51 and 75 airline miles as measured using the V&H coordinates method, each of the two Telephone Companies involved (i.e., the company with the ESALT SWC and (N)

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.7 Access Services Provided by More Than One Telephone Company (Cont'd)

(B) Meet Point Billing (Cont'd)

(3) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges (Cont'd)

(j) For Ethernet Switched Access Local Transport (ESALT): (Cont'd)

the company with the SWC serving the customer designated premises) will bill one ESALT DTT monthly rate element, one ESALT DTF-E4 monthly rate element, one ESALT DTT nonrecurring charge and One Access Order Charge. The company with the SWC serving the customer designated premises will also bill the customer the applicable monthly and nonrecurring charges for the ESALT Entrance Facility (EF) rate element.

The applicable monthly and nonrecurring charges will be based on the ESALT bandwidth capacity ordered by the customer and, where applicable, the Telephone Company's rate band assignment specified in the Local Transport (LT) column in Section 17.5.1, following.

When required, charges for Tandem Switched Transport mileage between the ESALT SWC and end office(s) will be determined based on the provisions in (a) through (c) above. (N)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.5 Connections

Equipment and systems (i.e., terminal equipment, multiline terminating systems and communications systems) may be connected with Switched, Digital Subscriber Line, Special, and Public Packet Data Network Access Services furnished by the Telephone Company where such connection is made in accordance with the provisions specified in Technical Reference Publication AS No. 1 and in 2.1 preceding.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions

Certain terms used herein are defined as follows:

800 Data Base Access Service

The term "800 Data Base Access Service" denotes a service which uses a data base system to identify 800 access customers on a 10-digit basis. For purposes of administering the rules and regulations set forth in this tariff regarding the provision of 800 Database Access, except where otherwise specified, 800 Database Access Service shall include the following service access codes 800, 888, 877, 866, 855, 844, 833, and 822.

800 Series

The term 800 series denotes the service access codes of 800, 888, 877, 866, 855, 844, 833, and 822.

Access Code

The term "Access Code", with the exception of Feature Group B (FGB) with an Abbreviated Dial Arrangement (ADA), denotes a uniform access code assigned by the Telephone Company to an individual customer in the form 101XXXX and 950-XXXX. Access codes for FGB with an ADA are explained in 6.9.2 following.

Access Minutes

For the purpose of calculating chargeable usage, the term "Access Minutes" denotes customer usage of exchange facilities in the provision of interstate or foreign service. On the originating end of an interstate or foreign call, usage is measured from the time the originating end user's call is delivered by the Telephone Company to and acknowledged as received by the customer's facilities connected with the originating exchange. On the terminating end of an interstate or foreign call, usage is measured from the time the call is received by the end user in the terminating exchange. Timing of usage at both originating and terminating ends of an interstate or foreign call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating exchanges, as applicable.

Access Tandem

The term "Access Tandem" denotes a Telephone Company or centralized equal access provider switching system that provides a concentration and distribution function for originating or terminating traffic between end offices and a customer designated premises.

(x) Issued to reflect new corporate address.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Add/Drop Multiplexing

The term "Add/Drop Multiplexing" denotes a multiplexing function offered in connection with SONET that allows lower level signals to be added or dropped from a high speed optical carrier channel in a wire center. The connection to the add/drop multiplexer is via a channel to a Central Office Port at a specific digital speed (i.e., DS3, DS1, etc.).

Advanced Intelligent Network (AIN)

The term "Advanced Intelligent Network (AIN)" denotes a telecommunications network architecture that uses databases to facilitate call processing, call routing, and network management, allowing carriers to change the routing of both inbound and outbound calls from moment to moment.

Aggregator

The term “Aggregator” denotes any entity that, in the ordinary course of its operations, makes telephones available to the public or to transient users of its premises, for interstate telephone calls using a provider of operator services.

Answer/Disconnect Supervision

The term "Answer/Disconnect Supervision" denotes the transmission of the switch trunk equipment supervisory signal (off-hook or on-hook) to the customer's point of termination as an indication that the called party has answered or disconnected.

Asymmetric Digital Subscriber Line (ADSL)

The term "Asymmetric Digital Subscriber Line (ADSL)" denotes an access technology that allows voice and high speed data to be sent simultaneously over local exchange service facilities. ADSL supports the transmission of data signals at a different speed when receiving data (downstream rate) than when sending data (upstream rate). (C) (C)

Asynchronous Transfer Mode (ATM)

The term "Asynchronous Transfer Mode (ATM)" denotes a high speed networking technology that utilizes fixed-length cells. ATM is connection-oriented and provides traffic routing prioritization parameters which enable different types of traffic such as voice, data and video to be carried over the same network.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Attenuation Distortion

The term "Attenuation Distortion" denotes the difference in loss at specified frequencies relative to the loss at 1004 Hz, unless otherwise specified.

Automatic Number Identification (ANI) (N)

The term "Automatic Number Identification" denotes the Multi-Frequency (MF) signaling parameter that identifies the billing number of the calling party. (N)

Balance (100 Type) Test Line

The term "Balance (100 Type) Test Line" denotes an arrangement in an end office which provides for balance and noise testing.

Bearer Channel

The term “Bearer Channel” denotes a basic communications channel with no enhanced or value-added service included other than the bandwidth transmission capability provided with the channel.

Bit

The term "Bit" denotes the smallest unit of information in the binary system of notation.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Business Day

The term "Business Day" denotes the times of day that a company is open for business. Generally, in the business community, these are 8:00 or 9:00 a.m. to 5:00 or 6:00 p.m., respectively, with an hour for lunch, Monday through Friday, resulting in a standard forty (40) hour work week. However, Business Day hours for the Telephone Company may vary based on company policy, union contract and location. To determine such hours for an individual company, or company location, that company should be contacted at the address shown under the Issuing Carrier's name listed on Title Pages 2 through 68 preceding.

Busy Hour Minutes of Capacity (BHMC)

The term "Busy Hour Minutes of Capacity (BHMC)" denotes the customer specified maximum amount of Switched Access Service and/or Directory Assistance Service access minutes the customer expects to be handled in an end office switch during any hour in an 8:00 a.m. to 11:00 p.m. period for the Feature Group and/or Directory Assistance Service ordered. This customer specified BHMC quantity is the input data the Telephone Company uses to determine the number of transmission paths for the Feature Group and/or Directory Assistance Service ordered.

Call

The term "Call" denotes a customer attempt for which complete address information (e.g., 0-, 911, or 10 digits) is provided to the serving dial tone office.

Calling Party Number (CPN) (N)

The term "Calling Party Number" denotes the SS7 signaling parameter that identifies the subscriber line number or directory number of the calling party. (N)

Certain material formerly found on this page now appears on Original Page 2-63.1.

ACCESS SERVICE (N)

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd) (N)

Carrier Identification Code (CIC) (M)

The term "Carrier Identification Code (CIC)" denotes a numeric code assigned by the North American Numbering Plan (NANP) Administrator for the provisioning of Feature Group B or Feature Group D Switched Access Services. The numeric code is unique to each carrier and is used by the Telephone Company to route switched access traffic to the Customer Designated Premises.

Carrier or Common Carrier

See Interexchange Carrier. (M)

Certain material currently found on this page formerly appeared on 3rd Revised Page 2-63.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

CCS

The term "CCS" denotes a hundred call seconds, which is a standard unit of traffic load that is equal to 100 seconds of usage or capacity of a group of servers (e.g., trunks).

Cell (N)

The term "Cell" denotes the fixed-length packet used to carry data across an Asynchronous Transfer Mode (ATM) network. A "Cell" consists of 53 bytes, five of which carry header information. (N)

Central Office

See End Office.

Central Office Maintenance Technician

The term "Central Office Maintenance Technician" denotes a Telephone Company employee who performs installation and/or repair work, including testing and trouble isolation, within the Telephone Company Central Office.

Central Office Prefix

The term "Central Office Prefix" denotes the first three digits (NXX) of the seven digit telephone number assigned to a customer's Telephone Exchange Service when dialed on a local basis.

Channel(s)

The term "Channel(s)" denotes an electrical or photonic, in the case of fiber optic-based transmission systems, communications path between two or more points of termination.

Channel Service Unit

The term "Channel Service Unit" denotes equipment which performs one or more of the following functions: termination of a digital facility, regeneration of digital signals, detection and/or correction of signal format error, and remote loop back.

Channelize

The term "Channelize" denotes the process of multiplexing-demultiplexing wider bandwidth or higher speed channels into narrower bandwidth or lower speed channels.

ACCESS SERVICE (N)

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Charge Number (CN)

The term "Charge Number" denotes the SS7 signaling parameter that identifies the billing telephone number of the calling party. (N)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Clear Channel Capability

The term "Clear Channel Capability" denotes the ability to transport twenty-four 64 Kbps over a DS1 Mbps High Capacity service via a B8ZS line code format.

C-Message Noise

The term "C-Message Noise" denotes the frequency weighted average noise within an idle voice channel. The frequency weighting, called C-message, is used to simulate the frequency characteristic of the 500-type telephone set and the hearing of the average subscriber.

C-Notched Noise

The term "C-Notched Noise" denotes the C-message frequency weighted noise on a voice channel with a holding tone, which is removed at the measuring end through a notch (very narrow band) filter.

Committed Information Rate

The term "Committed Information Rate" denotes the transmission speed specified by the customer at which the Frame Relay Access Service network commits to transfer data between two ports.

Common Channel Signaling

The term "Common Channel Signaling" (CCS) denotes a high speed packet switched communications network which is separate (out of band) from the public packet switched and message networks. Its purpose is to carry addressed signaling messages for individual trunk circuits and/or database related services between Signaling Points in the CCS network.

Common Line

The term "Common Line" denotes a line, trunk, pay telephone line or other facility provided under the general and/or local exchange service tariffs of the Telephone Company, terminated on a central office switch. A common line-residence is a line or trunk provided under the residence regulations of the general and/or local exchange service tariffs. A common line-business is a line provided under the business regulations of the general and/or local exchange service tariffs.

(x) Issued to reflect new corporate address.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Communications System

The term "Communications System" denotes channels and other facilities which are capable of communications between terminal equipment provided by other than the Telephone Company.

Customer(s)

The term "Customer(s)" denotes any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or other entity which subscribes to the services offered under this tariff, including but not limited to End Users, Interexchange Carriers (ICs) and other telecommunications carriers or providers originating or terminating Toll VoIP-PSTN Traffic. (C)

Customer Node

The term "Customer Node" denotes Telephone Company provided equipment located at a customer designated premises that terminates a high speed optical channel.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Customer Designated Premises

The term "Customer Designated Premises" denotes the premises specified by the customer for the provision of Access Service.

Data Transmission (107 Type) Test Line

The term "Data Transmission (107 Type) Test Line" denotes an arrangement which provides for a connection to a signal source which provides test signals for one-way testing of data and voice transmission parameters.

Decibel

The term "Decibel" denotes a unit used to express relative difference in power, usually between acoustic or electric signals, equal to ten (10) times the common logarithm of the ratio of two signal powers.

Decibel Reference Noise C-Message Weighting

The term "Decibel Reference Noise C-Message Weighting" denotes noise power measurements with C-Message Weighting in decibels relative to a reference 1000 Hz tone of 90 dB below 1 milliwatt.

Decibel Reference Noise C-Message Referenced to 0

The term "Decibel Reference Noise C-Message Referenced to 0" denotes noise power in "Decibel Reference Noise C-Message Weighting" referred to or measured at a zero transmission level point.

Detail Billing

The term "Detail Billing" denotes the listing of each message and/or rate element for which charges to a customer are due on a bill prepared by the Telephone Company.

Digital Subscriber Line (DSL)

The term "Digital Subscriber Line (DSL)" denotes an access technology that allows simultaneous voice and high speed data to be sent over local exchange service facilities. (C)

Digital Switched 56 Service

A switched access optional feature available with Feature Group C and Feature Group D Access, which provides for data transmission at up to 56 Kilobits per second.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Direct-Trunked Transport

The term "Direct-Trunked Transport" denotes transport from the serving wire center to the end office or from the serving wire center to the access tandem on circuits dedicated to the use of a single customer.

Directory Assistance (Interstate)

The term "Directory Assistance" denotes the provision of telephone numbers by a Telephone Company operator when the operator location is accessed by a customer by dialing NPA + 555-1212 or 555-1212.

Directory Assistance Location (Interstate)

The term "Directory Assistance Location" denotes a Telephone Company office where telephone company equipment first receives the Directory Assistance call from the customer's end user and selects the first operator position to respond to the Directory Assistance call.

Dual Tone Multifrequency Address Signaling

The term "Dual Tone Multifrequency Address Signaling" denotes a type of signaling that is an optional feature of Switched Access Feature Group A. It may be utilized when Feature Group A is being used in the terminating direction (from the point of termination with the customer to the local exchange end office). An office arranged for Dual Tone Multifrequency Signaling would expect to receive address signals from the customer in the form of Dual Tone Multifrequency signals.

Echo Control

The term "Echo Control" denotes the control of reflected signals in a telephone transmission path.

Echo Path Loss

The term "Echo Path Loss" denotes the measure of reflected signal at a 4-wire point of interface without regard to the send and receive Transmission Level Point.

Echo Return Loss

The term "Echo Return Loss" denotes a frequency weighted measure of return loss over the middle of the voiceband (approximately 500 to 2500 Hz), where talker echo is most annoying.

(x) Issued to reflect new corporate address.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Effective 2-Wire

The term "Effective 2-Wire" denotes a condition which permits the simultaneous transmission in both directions over a channel, but it is not possible to insure independent information transmission in both directions. Effective 2-wire channels may be terminated with 2-wire or 4-wire interfaces.

Effective 4-Wire

The term "Effective 4-Wire" denotes a condition which permits the simultaneous independent transmission of information in both directions over a channel. The method of implementing effective 4- wire transmission is at the discretion of the Telephone Company (physical, time domain, frequency-domain separation or echo cancellation techniques). Effective 4-wire channels may be terminated with a 2-wire interface at the customer's premises. However, when terminated 2-wire, simultaneous independent transmission cannot be supported because the two wire interface combines the transmission paths into a single path.

End Office

The term "End Office" denotes a local Telephone Company switching system where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to each other and to trunks. This term includes Remote Switching Modules/Systems served by a Host Central Office in a different wire center.

End User

The term "End User" means any customer of an interstate or foreign telecommunications service that is not a carrier, except that a carrier other than a telephone company shall be deemed to be an "end user" when such carrier uses a telecommunications service for administrative purposes, and a person or entity that offers telecommunications service exclusively as a reseller shall be deemed to be an "end user" if all resale transmissions offered by such reseller originate on the premises of such reseller.

(x) Issued to reflect new corporate address.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Enhanced Service

The term "Enhanced Service", as defined in Part 64 of the F.C.C.'s Rules and Regulations, are services "offered over common carrier transmission facilities used in interstate communications, which employ computer processing applications that act on the format, content, code, protocol or similar aspects of the subscriber's transmitted information; provide the subscriber additional, different, or restructured information; or involve subscriber interaction with stored information."

Entrance Facility

The term "Entrance Facility" denotes a Switched Access Service dedicated Local Transport facility between the customer's serving wire center and the customer designated premises.

Entry Switch

See First Point of Switching.

Envelope Delay Distortion

The term "Envelope Delay Distortion" denotes a measure of the linearity of the phase versus frequency of a channel.

Equal Level Echo Path Loss

The term "Equal Level Echo Path Loss" (ELEPL) denotes the measure of Echo Path Loss (EPL) at a 4-wire interface which is corrected by the difference between the send and receive Transmission Level Point (TLP). [ELEPL = EPL - TLP (send) + TLP (receive)].

Ethernet (N)

The term “Ethernet” denotes a high speed networking technology utilizing a packet-based Ethernet protocol. Ethernet enables broadband multimedia traffic (i.e., voice, data and video) to be carried over the same network. (N)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Exchange

The term "Exchange" denotes a unit generally smaller than a local access and transport area, established by the Telephone Company for the administration of communications service in a specified area which usually embraces a city, town or village and its environs. It consists of one or more central offices together with the associated facilities used in furnishing communications service within that area. The exchange includes any Extended Area Service area that is an enlargement of a Telephone Company's exchange area to include nearby exchanges. One or more designated exchanges comprise a given local access and transport area.

Exit Message

The term "Exit Message" denotes an SS7 message sent to an end office by the Telephone Company's tandem switch to mark the Carrier Connect Time when the Telephone Company's tandem switch sends an Initial Address Message to an interexchange customer.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Expected Measured Loss

The term "Expected Measured Loss" denotes a calculated loss which specifies the end-to- 1004-Hz loss on a terminated test connection between two readily accessible manual or remote test points. It is the sum of the inserted connection loss and test access loss including any test pads.

Extended Area Service

See Exchange.

Extended PVC

The term "Extended PVC" denotes the interconnection of a port on a Telephone Company’s frame relay network with a port on another interconnected Telephone Company’s frame relay network.

First Point of Switching

The term "First Point of Switching" denotes the first Telephone Company or centralized equal access provider location at which switching occurs on the terminating path of a call proceeding from the customer designated premises to the terminating end office and, at the same time, the last Telephone Company or centralized equal access provider location at which switching occurs on the originating path of a call proceeding from the originating end office to the customer designated premises.

Frame

The term "Frame" denotes a group of data bits in a specific format, which enables network equipment to recognize the meaning and purpose of the specific bits.

Frame Relay Access Connection

The Term "Frame Relay Access Connection" denotes the physical facility, including the associated port, between the end user's data terminal equipment and the Telephone Company's frame relay switch.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Frame Relay Access Service

The term "Frame Relay Access Service" denotes a medium-speed, connection-oriented packet-switched data service that allows for the interconnection of Local Area Networks or other compatible customer premises equipment for the purpose of connecting to an interstate frame relay network.

Frame Relay End User Port

The term "Frame Relay End User Port" denotes the physical location in the Telephone Company switching office where the Special Access facility of the customer connects to the Frame Relay Access Service network. It specifies how a frame relay switch sends and receives data from a frame relay end user customer’s LAN or other compatible CPE devices.

Frame Relay Inter-network Connection

The term "Frame Relay Inter-network Connection" denotes the physical facility, including the associated port, between the access customer's frame relay network and the Telephone Company's frame relay switch.

Frame Relay Inter-network Customer Port

The term "Frame Relay Inter-network Customer Port" denotes the physical location in the Telephone Company switching office where the access customer’s Special Access facility connects to the Telephone Company’s Frame Relay Access Service network. It specifies how a frame relay switch sends and receives data from a frame relay access customer’s network.

Frequency Shift

The term "Frequency Shift" denotes the change in the frequency of a tone as it is transmitted over a channel.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Grandfathered
The term "Grandfathered" denotes Terminal Equipment, Multiline Terminating Systems and Protective Circuitry directly connected to the facilities utilized to provide services under the provisions of this tariff, and which are considered grandfathered under Part 68 of the F.C.C.'s Rules and Regulations.

Host Central Office
The term "Host Central Office" denotes an electronic local Telephone Company End Office where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to each other and to trunks. Additionally, this type of End Office contains the central call processing functions which service itself and its Remote Switching Modules/Systems.

Hub
The term "Hub" denotes a wire center at which bridging or multiplexing functions are performed for customers served out of any wire center.

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2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Immediately Available Funds

The term "Immediately Available Funds" denotes a corporate or personal check drawn on a bank account and funds which are available for use by the receiving party on the same day on which they are received and include U.S. Federal Reserve bank wire transfers, U.S. Federal Reserve notes (paper cash), U.S. coins, U.S. Postal Money Orders and New York Certificates of Deposit.

Impedance Balance

The term "Impedance Balance" denotes the method of expressing Echo Return Loss and Singing Return Loss at a 4-wire interface whereby the gains and/or loss of the 4-wire portion of the transmission path, including the hybrid, are not included in the specification.

Impulse Noise

The term "Impulse Noise" denotes any momentary occurrence of the noise on a channel over a specified level threshold. It is evaluated by counting the number of occurrences which exceed the threshold.

Individual Case Basis

The term "Individual Case Basis" denotes a condition in which the regulations, if applicable, rates and charges for an offering under the provisions of this tariff are developed based on the circumstances in each case.

Initial Address Message

The term "Initial Address Message" denotes an SS7 message sent in the forward direction to initiate trunk set up, reserve an outgoing trunk and process the information about that trunk along with other data relating to the routing and handling of the call to the next switch.

Inserted Connection Loss

The term "Inserted Connection Loss" denotes the 1004 Hz power difference (in dB) between the maximum power available at the originating end and the actual power reaching the terminating end through the inserted connection.

(x) Issued to reflect new corporate address.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Installation and Repair Technician

The term "Installation and Repair Technician" denotes a Telephone Company employee who performs installation and/or repair work, including testing and trouble isolation, outside of the Telephone Company Central Office and generally at the customer designated premises.

Interexchange Carrier (IC) or Interexchange Common Carrier

The terms "Interexchange Carrier" (IC) or "Interexchange Common Carrier" denotes any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged for hire in interstate or foreign communication by wire or radio, between two or more exchanges.

Intermediate Hub

The term "Intermediate Hub" denotes a wire center at which bridging or multiplexing functions are performed only for customers served by that wire center and wire centers that subtend the hub, as specified in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

Intermodulation Distortion

The term "Intermodulation Distortion" denotes a measure of the nonlinearity of a channel. It is measured using four tones, and evaluating the ratios (in dB) of the transmitted composite four-tone signal power to the second-order products of the tones (R2), and the third-order products of the tones (R3).

Certain material formerly found on this page now appears on Original Page 2-72.1.

ACCESS SERVICE (N)

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Internet Protocol (IP) Signaling

The term "Internet Protocol (IP) Signaling" denotes a packet data-oriented protocol used for communicating call signaling information. (N)

Interstate Communications (M)

The term "Interstate Communications" denotes both interstate and foreign communications.

Intrastate Communications

The term "Intrastate Communications" denotes any communications within a state subject to oversight by a state regulatory commission as provided by the laws of the state involved. (M)

Certain material currently found on this page formerly appeared on 3rd Revised Page 2-72.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Legal Holiday

The term "Legal Holiday" denotes days other than Saturday or Sunday for which the Telephone Company is normally closed. These include New Year's Day, Independence Day, Thanksgiving Day, Christmas Day and a day when Washington's Birthday, Memorial Day or Columbus Day is legally observed and other locally observed holidays when the Telephone Company is closed.

Line Side Connection

The term "Line Side Connection" denotes a connection of a transmission path to the line side of a local exchange switching system.

Local Access and Transport Area (LATA)

The term "Local Access and Transport Area" denotes a geographic area established for the provision and administration of communications service. It encompasses one or more designated exchanges, which are grouped to serve common social, economic and other purposes.

Local Number Portability (LNP)

The term "Local Number Portability (LNP)" denotes the ability of an end user of local exchange telecommunications service to retain an existing telephone number without impairment of quality, reliability, or convenience when switching from one local exchange telecommunications carrier to another.

Location Routing Number (LRN)

The term "Location Routing Number (LRN)" denotes a unique NPA-NXX-XXXX that serves as a routing number associated with a central office switch that has subscribers that have transferred their telephone numbers from one local exchange telecommunications carrier to another.

Certain material formerly found on this page now appears on Original Page 2-73.1.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Local Area Network

The term "Local Area Network" denotes a network permitting the interconnection and intercommunication of a group of computers.

Loss Deviation

The term "Loss Deviation" denotes the variation of the actual loss from the designed value.

Major Fraction Thereof

The term "Major Fraction Thereof" denotes any period of time in excess of 1/2 of the stated amount of time. As an example, in considering a period of 24 hours, a major fraction thereof would be any period of time in excess of 12 hours exactly. Therefore, if a given service is interrupted for a period of thirty-six hours and fifteen minutes, the customer would be given a credit allowance for two twenty-four hour periods for a total of forty-eight hours.

Message

The term "Message" denotes a "call" as defined preceding.

Milliwatt (102 Type) Test Line (M)

The term "Milliwatt (102 Type) Test Line" denotes an arrangement in an end office which provides a 1004 Hz tone at 0 dBm0 for one-way transmission measurements towards the customer's premises from the Telephone Company end office. (M)

Multi-Frequency (MF) Signaling (N)

The term “Multi-Frequency (MF) Signaling” denotes an in-band signaling method in which call signaling information is transmitted between network switches using the same voiceband channel used for voice. (N)

Certain material currently found on this page previously appeared on 4th Revised Page 2-74.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

N-1 Carrier

The term "N-1 Carrier" denotes the telecommunications carrier, prior to the terminating carrier, responsible for querying an LNP database to determine the routing of a call for a number portable NXX code.

Network Control Signaling

The term "Network Control Signaling" denotes the transmission of signals used in the telecommunications system which perform functions such as supervision (control, status, and charge signals), address signaling (e.g., dialing), calling and called number identifications, rate of flow, service selection error control and audible tone signals (call progress signals indicating re-order or busy conditions, alerting, coin denominations, coin collect and coin return tones) to control the operation of the telecommunications system.

Nonsynchronous Test Line

The term "Nonsynchronous Test Line" denotes an arrangement in step-by-step end offices which provides operational tests which are not as complete as those provided by the synchronous test lines, but can be made more rapidly.

North American Numbering Plan

The term "North American Numbering Plan" denotes a three-digit area code (Numbering Plan Area - NPA) and a seven-digit telephone number made up of a three-digit Central Office prefix plus a four-digit station number.

Off-hook

The term "Off-hook" denotes the active condition of Switched Access or a Telephone Exchange Service line.

Certain material formerly found on this page now appears on 1st Revised Page 2-73.1.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

On-hook

The term "On-hook" denotes the idle condition of Switched Access or a Telephone Exchange Service line.

Open Circuit Test Line

The term "Open Circuit Test Line" denotes an arrangement in an end office which provides an ac open circuit termination of a trunk or line by means of an inductor of several Henries.

Optical Carrier Channel

The term "Optical Carrier Channel" denotes the high speed optical communications path for transporting information utilizing a Synchronous Optical Channel platform. The channel is provided at transmission rates of 155.52 Mbps (OC3) and 622.08 Mbps (OC12).

Optical Carrier Rate (OC-N)

The term "Optical Carrier Rate" denotes the line rate being transmitted on an optical carrier channel. A SONET transmission rate is equivalent to "N" times the OC1 line rate of 51.84 Mbps.

Optical Carrier Rate Concatenated

The term "Optical Carrier Rate Concatenated" denotes the transmission of a combined signal formed by linking together multiple individual signals.

Optical Line Termination

The term "Optical Line Termination" denotes the network interface on the customer designated premises equipment that provides for an optical handoff.

Originating Direction

The term "Originating Direction" denotes the use of Access Service for the origination of calls from an End User Premises to a Customer’s Premises. (T) (T) (C)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Pay Telephone

The term "Pay Telephone" denotes a coin or coinless instrument provided in a public or semipublic place where Payphone Service Provider customers can originate telephonic communications and pay the applicable charges by (1) inserting coins into the equipment, or (2) using a credit card, or (3) third party billing the call or (4) calling collect.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Payphone Service Provider

The term "Payphone Service Provider" denotes an entity that provides pay telephone service, which is the provision of public, semi-public or inmate pay telephone service.

Permanent Virtual Connection (PVC)

The term "PVC" denotes a software defined communications path between two port connections within the Frame Relay Access Service network.

Phase Jitter

The term "Phase Jitter" denotes the unwanted phase variations of a signal.

Point of Termination

The term "Point of Termination" denotes the point of demarcation within a customer-designated premises at which the Telephone Company's responsibility for the provision of Access Service ends.

Premises

The term "Premises" denotes a building or buildings on continuous property (except Railroad Right-of-Way, etc.) not separated by a public highway.

Release Message

The term "Release Message" denotes an SS7 message sent in either direction to indicate that a specific circuit is being released.

Remote Switching Modules/Systems

The term "Remote Switching Modules/Systems" denotes small, remotely controlled electronic end office switches which obtain their call processing capability from an electronic Host Central Office. The Remote Switching Modules/Systems cannot accommodate direct trunks. (C)

Return Loss

The term "Return Loss" denotes a measure of the similarity between the two impedances at the junction of two transmission paths. The higher the return loss, the higher the similarity.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Registered Equipment

The term "Registered Equipment" denotes the customer's premises equipment which complies with and has been approved within the Registration Provisions of Part 68 of the F.C.C.'s Rules and Regulations.

Service Access Code

The term "Service Access Code" denotes a 3 digit code in the NPA format which is used as the first three digits of a 10 digit address and which is assigned for special network uses. Whereas NPA codes are normally used for identifying specific geographical areas, certain Service Access Codes have been allocated in the North American Numbering Plan to identify generic services or to provide access capability. Examples of Service Access Codes include the 800 and 900 codes.

Service Switching Point (SSP)

The term "Service Switching Point" denotes an end office or tandem which, in addition to having SS7 and SP capabilities, is also equipped to query centralized data bases.

Serving Wire Center

The term "Serving Wire Center" denotes the wire center from which the customer designated premises would normally obtain dial tone from the Telephone Company.

Seven Digit Manual Test Line

The term "Seven Digit Manual Test Line" denotes an arrangement which allows the Customer to select balance, milliwatt and synchronous test lines by manually dialing a seven digit number over the associated access connection.

Shortage of Facilities or Equipment

The term "Shortage of Facilities or Equipment" denotes a condition which occurs when the Telephone Company does not have appropriate cable, switching capacity, bridging or, multiplexing equipment, etc., necessary to provide the Access Service requested by the customer.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Short Circuit Test Line

The term "Short Circuit Test Line" denotes an arrangement in an end office which provides for an ac short circuit termination of a trunk or line by means of a capacitor of at least four microfarads.

Signal-to-C-Notched Noise Ratio

The term "Signal-to-C-Notched Noise Ratio" denotes the ratio in dB of a test signal to the corresponding C-Notched Noise.

Signaling Point (SP)

The term "Signaling Point (SP)" denotes an SS7 network interface element capable of originating and terminating SS7 trunk signaling messages.

Signaling Point of Interface (SPOI)

The term "Signaling Point of Interface (SPOI)" denotes the customer designated location where the SS7 signaling information is exchanged between the Telephone Company and the customer.

Signaling Return Loss

The term "Signaling Return Loss" denotes the frequency weighted measure of return loss at the edges of the voiceband (200 to 500 Hz and 2500 to 3200 Hz), where signing (instability) problems are most likely to occur.

Signaling System 7 (SS7)

The term "Signaling System 7 (SS7)" denotes the layered protocol used for standardized common channel signaling in the United States and Puerto Rico.

Signal Transfer Point (STP)

The term "Signal Transfer Point (STP)" denotes a packet switch which provides access to the Telephone Company's SS7 network and performs SS7 message signal routing and screening.

Signal Transfer Point (STP) Port

The term "Signal Transfer Point (STP) Port" denotes the point of termination and interconnection to the STP.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Special Order

The term "Special Order" denotes an order for a Directory Assistance Service.

Standard PVC

The term "Standard PVC" denotes the connection of ports within the same Telephone Company frame relay network.

Study Area

The term "Study Area" denotes a geographic area within a state in which a Telephone Company operates. This geographic area normally does not cross state lines.

Subtending End Office of an Access Tandem

The term "Subtending End Office of an Access Tandem" denotes an end office that has final trunk group routing through that tandem.

Super Intermediate Hub

The term "Super Intermediate Hub" denotes a wire center at which bridging or multiplexing functions are performed for Customers served by all wire centers in the LATA. A Super Intermediate Hub can be restricted to one or more designated NPAs within a LATA and/or to wire centers that are owned by the same telephone company as the hub. Super Intermediate Hubs and the wire centers they serve are identified in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

Symmetric Digital Subscriber Line (SDSL)

The term "Symmetric Digital Subscriber Line (SDSL)" denotes an access technology that allows high speed data to be sent over local exchange service facilities. SDSL supports the transmission of data signals at the same speed when receiving data (downstream rate) and transmitting data (upstream rate). (C)

Synchronous Optical Network (SONET)

The term "SONET" denotes a North American Standard for high speed synchronous optical channels having minimum transmission rates of 51.84 Mbps. The standard SONET optical carrier rate of 51.84 Mbps. is called OC1; the equivalent electrical signal rate is called STS-1. SONET standardizes higher transmission bit rates, "OCN", as exact multiples of OC1 (N X 51.84 Mbps.). For example, OC3 equals 3 X 51.84 Mbps.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Synchronous Test Line

The term "Synchronous Test Line" denotes an arrangement in an end office which performs marginal operational tests of supervisory and ring-tripping functions.

Synchronous Transport Signal (STS)

The term "Synchronous Transport Signal" denotes a 51.84 Mbps. electrical signal used within the SONET optical carrier network. The signal consists of the information content and the overhead used by SONET. The overhead is used for controlling, framing and maintaining the STS signal so it can be directly connected to other SONET carrier channels. STS signals are in exact multiples of 51.84 Mbps. (STS-1 is 51.84 Mbps., STS-3 is 155.52 Mbps., etc.).

Tandem Switched Transport

The term "Tandem Switched Transport" denotes transport from the tandem to the end office that is switched at a tandem.

Terminating Direction

The term "Terminating Direction" denotes the use of Access Service for the completion of calls from a Customer's premises to an End User Premises. (C)

Terminus Hub

The term "Terminus Hub" denotes a wire center at which bridging or multiplexing functions are performed only for Customers served directly by the same wire center.

Certain material formerly found on this page now appears on Original Page 2-78.2.

ACCESS SERVICE (N)

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd) (N)

Throughput (M)

The term "Throughput" denotes the number of data bits successfully transferred in one direction per unit of time. (M)

Toll VoIP-PSTN Traffic (N)

The term “Toll VoIP-PSTN Traffic” denotes a customer’s interexchange voice traffic exchanged with the Telephone Company in Time Division Multiplexing format over PSTN facilities, which originates and/or terminates in Internet Protocol (IP) format. “Toll VoIP-PSTN Traffic” originates and/or terminates in IP format when it originates from and/or terminates to an end user customer of a service that requires IP-compatible customer premises equipment. (N)

Transmission Measuring (105 Type) Test Line/Responder (M)

The term "Transmission Measuring (105 Type) Test Line/ Responder" denotes an arrangement in an end office which provides far-end access to a responder and permits two-way loss and noise measurements to be made on trunks from a near end office. (M)

Certain material currently found on this page formerly appeared on 4th Revised Page 2-78.1.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Transmission Path

The term "Transmission Path" denotes an electrical path capable of transmitting signals within the range of the service offering, e.g., a voice grade transmission path is capable of transmitting voice frequencies within the approximate range of 300 to 3000 Hz. A transmission path is comprised of physical or derived facilities consisting of any form or configuration of plant typically used in the telecommunications industry.

Trunk

The term "Trunk" denotes a communications path connecting two switching systems in a network, used in the establishment of an end-to-end connection.

Trunk Group

The term "Trunk Group" denotes a set of trunks which are traffic engineered as a unit for the establishment of connections between switching systems in which all of the communications paths are interchangeable.

Trunk Side Connection

The term "Trunk Side Connection" denotes the connection of a transmission path to the trunk side of a local exchange switching system.

Two-Wire to Four-Wire Conversion

The term "Two-Wire to Four-Wire Conversion" denotes an arrangement which converts a four-wire transmission path to a two-wire transmission path to allow a four-wire facility to terminate in a two-wire entity (e.g., a central office switch).

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

V and H Coordinates Method

The term "V and H Coordinates Method" denotes a method of computing airline miles between two points by utilizing an established formula which is based on the vertical and horizontal coordinates of the two points.

WATS Serving Office

The term "WATS Serving Office" denotes a Telephone Company designated serving wire center where switching, screening and/or recording functions are performed in connection with the closed-end of WATS or WATS-type services.

Wireless Switching Center

The term "Wireless Switching Center" (WSC) denotes a Wireless Service Provider (WSP) switching system that is used to terminate wireless stations for purposes of interconnection to each other and to trunks interfacing with the public switched network.

Wire Center

The term "Wire Center" denotes a building in which one or more central offices, used for the provision of Telephone Exchange Services, are located.

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ACCESS SERVICE

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ACCESS SERVICE

3. Federal Universal Service Charge, ISDN Line Ports and DS1 Line Port (T)
(Cont'd)

3.9 Federal Universal Service Charge

The Federal Universal Service Charge (FUSC) recovers the Telephone Company's contribution to various federal universal service funds. FUSC will be billed by only those Telephone Companies contributing to the universal service funds and listed in Section 17.7, following. The Telephone Company will apply a surcharge factor each month to the billed charges for interstate access services provided to end users from this Tariff.

FUSC will not apply to any billed charges for an end user when the interstate access service provided to the end user qualifies under the federal universal service guidelines for Lifeline Assistance. FUSC will not apply to interstate access services purchased by customers that resell these services to end users as part of an interstate telecommunications service and are required to contribute to the various federal universal service funds. In case of a dispute regarding whether the customer is reselling services and contributing to the various federal universal service funds, the Telephone Company may request a signed certification to that effect from the customer.

3.9.1 Rate Regulations

The Telephone Company will bill FUSC each month as described below. The FUSC Surcharge Factor and the Multiline Business End User Common Line (MLB EUCL) FUSC Surcharge Factor are set forth in Sections 17.1.3(A) and 17.1.3(B), following.

(A) FUSC Surcharge Factor

Except as specified in (B) below, the Telephone Companies listed in Section 17.7(A), following, will multiply the FUSC Surcharge Factor set forth in Section 17.1.3(A), following, against the end user's billed interstate access services charges.

3. Federal Universal Service Charge, ISDN Line Ports and DS1 Line Port (Cont'd)

3.9 Federal Universal Service Charge (Cont'd)

3.9.1 Rate Regulations (Cont'd)

(B) MLB EUCL FUSC Surcharge Factor

In lieu of applying the FUSC Surcharge Factor specified in (A), above, against MLB EUCL charges, the Telephone Companies listed in Section 17.7(B), following, will apply the MLB EUCL FUSC Surcharge Factor set forth in Section 17.1.3(B), following, as described below:

(1) For non-Centrex MLB EUCL customers, including Payphone Service Providers (PSPs) who purchase local exchange service lines for their own administrative purposes, the Telephone Company will multiply the MLB EUCL FUSC Surcharge Factor against the end user's billed MLB EUCL charges, except as provided in (a) below. (C)

(a) For local exchange service lines purchased by a PSP that are used in the provisioning of payphone service to the PSP's customers, the Telephone Company will multiply the FUSC Surcharge Factor, described in (A) above, against the PSP's billed MLB EUCL charges. (N)

(2) For Centrex MLB EUCL customers, the Telephone Company will multiply the MLB EUCL FUSC Surcharge Factor against one ninth of the end user's billed MLB EUCL charges.

The Telephone Companies listed in Section 17.7(B), following, will also apply the FUSC Surcharge Factor as described in (A) above to all other interstate access services provided to MLB EUCL customers.

The Telephone Company specific rate band assignment for the MLB EUCL FUSC Surcharge Factor is specified in Section 17.7(B), following.

3. Federal Universal Service Charge, ISDN Line Ports and DS1 Line Port (Cont'd) (T)

3.10 ISDN Line Ports

When an end user is provided Integrated Services Digital Network (ISDN) Basic Rate Interface (BRI) and/or ISDN Primary Rate Interface (PRI) local exchange service by the Telephone Company under the general or local exchange tariff, ISDN Line Port rates apply. ISDN Line Port rates recover the costs of ISDN line ports to the extent these costs exceed the cost of a line port used for basic, analog service.

When an end user temporarily suspends its local exchange service that is associated with ISDN BRI and/or ISDN PRI, one-half of the ISDN Line Port rate per month will be temporarily suspended for the time period the local exchange service is suspended.

3.10.1 Rate Application

Rates for ISDN Line Ports are set forth in Section 17.1.4, following.

The monthly rate applies to each ISDN service arrangement ordered from the Telephone Company's general or local exchange tariff, as described below.

- The ISDN BRI Line Port rate applies to each ISDN BRI arrangement.

- The ISDN PRI Line Port rate applies to each ISDN PRI arrangement.

3.11 DS1 Line Port (N)

When an end user is provided a DS1 (1.544 Mbps)local exchange service by the Telephone Company under the general and/or local exchange tariff(s), and where the end user provides the terminating channelization equipment, a DS1 Line Port rate will apply. The DS1 Line Port rate recovers the line port costs of the DS1 channel service to the extent these costs exceed the cost of a line port used for basic, analog service.

When an end user temporarily suspends its local exchange service that is associated with DS1 channel service, one-half of the DS1 Line Port rate per month will be temporarily suspended for the time period the local exchange service is suspended.

3.11.1 Rate Application

The DS1 Line Port rate is set forth in Section 17.1.5, following.

This monthly rate applies to each DS1 (1.544 Mbps) channel service ordered from the Telephone Company's general and/or local exchange tariff, where the end user provides the terminating channelization equipment. (N)

ACCESS SERVICE

4. End User Access Service

The Telephone Company will provide End User Access Service (End User Access) to end users who obtain local exchange service from the Telephone Company under its general and/or local exchange tariffs.

4.1 General Description

End User Access provides for the use of an End User Common Line (EUCL).

4.2 Limitations

(A) Exclusions

Telephone number detail billing, directory listings and intercept arrangements are not included with End User Access.

(B) Lifeline Service

The Federal Lifeline Service program is designed to provide a credit to monthly end user access charges for qualifying low income residential subscribers. When a carrier is designated as an eligible telecommunications carrier for Lifeline Service and when an eligible residential end user qualifies for Lifeline Service in association with local residential exchange service of that carrier, the EUCL Residence rate as set forth in 17.1.2(A) following is waived.

4.3 Undertaking of the Telephone Company

The Telephone Company will provide End User Access at rates and charges as set forth in 17.1.2 as follows:

- Use of an EUCL for interstate Access Services provided under this tariff. Such use will be provided when the end user obtains local exchange service.

- The Telephone Company will be responsible for contacts and arrangements with customers for the billing of End User Access charges.

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ACCESS SERVICE

4. End User Access Service (Cont'd)

4.4 Obligations of Radio Common Carriers

When the end user is a Radio Common Carrier (RCC) or provider of paging service, such end users shall designate whether the local exchange service they are provided by the Telephone Company is used as an access line for RCC or paging services, or used as an administrative line.

4.5 Payment Arrangements and Credit Allowances

4.5.1 Minimum Period

The minimum period for which EUCL End User Access is provided to an end user and for which charges are applicable is the same as that in the general and/or local exchange tariffs for the associated local exchange service.

4.5.2 Cancellation of Orders

End User Access is cancelled when the order for the associated local telephone exchange service is cancelled. No cancellation charges apply.

4.5.3 Changes to Orders

When changes are made to orders for the local exchange service associated with End User Access, any necessary changes will be made for End User Access. No charges will apply.

4.5.4 Allowance for Interruptions

When there is an interruption to an EUCL, requested End User Access credit allowances for interruptions will be provided as set forth for credit allowance for interruptions in 2.4.4 preceding.

4.5.5 Temporary Suspension of Service

When an end user temporarily suspends its local exchange service that is associated with an EUCL, one-half of the monthly EUCL charge will be temporarily suspended for the time period the associated local exchange service is suspended. (T) (T) (T)

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ACCESS SERVICE

4. End User Access Service (Cont'd)

4.6 Rate Regulations

4.6.1 Who Is Billed

EUCL per month charges will be billed to the end user of the associated Local Exchange Service.

4.6.2 Multiparty Service

The EUCL charge for each multiparty subscriber shall be assessed as if the subscriber had subscribed to single-party service.

4.6.3 Pay Telephone Service

The EUCL-Multiline Business rate will be assessed when a Payphone Service Provider obtains an exchange service line for the purposes of offering pay telephone service.

4.6.4 Business Services

(A) Single Line Service

When an end user is provided a single local business exchange service in a state, multiparty and centrex services included, and when the local business exchange service is provided under the general and/or local exchange or centrex service tariffs, the EUCL Single Line Business - Individual line or trunk rate as set forth in 17.1.2(B) following, applies to each such business individual line or trunk. In the case of multiparty service, each party is deemed to be a user of an EUCL.

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ACCESS SERVICE

4. End User Access Service (Cont'd)

4.6 Rate Regulations (Cont'd)

4.6.4 Business Services (Cont'd)

(B) Multiline Service

When an end user is provided more than one local business exchange service in a state by the same Telephone Company, pay telephone, multiparty and centrex services included, and when the local exchange service is provided under the general and/or local exchange or centrex service tariffs, the EUCL-Multiline Business - Individual line or trunk rate as set forth in Section 17.1.2(C), following, applies to each such Multiline Business individual line or trunk. In the case of multiparty service, each party is deemed to be a user of an EUCL. (T)

The Telephone Company specific rate band assignment for the MLB EUCL rate element is specified in Section 17.5.1, following. (T)

ACCESS SERVICE

4. End User Access Service (Cont'd)

4.6 Rate Regulations (Cont'd)

4.6.4 Business Services (Cont'd)

(C) Centrex CO and Centrex CO-like Services

Business or residence single line or multiline usage for Centrex CO and Centrex CO-like services is determined as set forth in 4.6.4 (A) and (B) preceding.

Centrex CO or CO-like service provided to a college, university or school may serve both the college, university or school offices and the student or faculty dormitory (residential) quarters. When provided to residential quarters, the residential portion of the service is commonly known as dormitory service. Residential charges will apply to lines to the student or faculty dormitory (residential) quarters as set forth in 17.1.2(A) following. Business charges for lines to the university, college or school offices will apply as set forth in 17.1.2(C) following. Charges shall be based on the number of residence and business lines reported to the Telephone Company by the end user.

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ACCESS SERVICE

4. End User Access Service (Cont'd)

4.6 Rate Regulations (Cont'd)

4.6.5 Radio Common Carriers

For each local exchange service used only as a path for the transmission of Radio Common Carrier (RCC) traffic between the Telephone Company serving wire center and the RCC's radio equipment, End User Access Charges do not apply. End User Access Charges will apply to the Radio Common Carrier's local exchange service used for administrative purposes. This shall also include those Radio Common Carriers providing maritime service under Part 80 of the FCC Rules and Regulations.

A Radio Common Carrier is described as a common carrier engaged in the provision of Public Mobile Service, as defined in Part 22 of the FCC Rules and Regulations which is not also in the business of providing landline local exchange telephone service.

4.6.6 Remote Call Forwarding

For each local exchange service provided as Remote Call Forwarding (RCF) residential or business service, under the general and/or local exchange service tariffs, End User Access Charges do not apply.

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ACCESS SERVICE

4. End User Access Service (Cont'd)

4.6 Rate Regulations (Cont'd)

4.6.7 Residence Services

(A) Single Line and Multiline Service

When an end user is provided local residence exchange service(s) in a state, multiparty and centrex services included, and when the local residence exchange or centrex service is provided under the general and/or local exchange or centrex service tariffs, the EUCL Residence - Individual line or trunk rate as set forth in Section 17.1.2(A) following, applies to each such local residence exchange trunk. In the case of multiparty service each party is deemed to be a user of an EUCL. (T)

4.6.8 Integrated Services Digital Network (ISDN) Services (N)

(A) ISDN Basic Rate Interface (BRI)

When an end user is provided residence or business local exchange service under any general and/or local exchange service tariff(s) using an Integrated Services Digital Network (ISDN) Basic Rate Interface (BRI) arrangement, one (1) EUCL Residence - Individual line or trunk charge as set forth in Section 17.1.2(A), following, or, one (1) EUCL Single Line Business - Individual line or trunk charge as set forth in Section 17.1.2(B), following, applies to each ISDN BRI arrangement.

(B) ISDN Primary Rate Interface (PRI)

When an end user is provided residence or business local exchange service under any general and/or local exchange service tariff(s) using an Integrated Services Digital Network (ISDN) Primary Rate Interface (PRI) arrangement, five (5) EUCL - Multiline Business Individual line or trunk charges as set forth in Section 17.1.2(C), following, apply to each ISDN PRI arrangement. (N)

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ACCESS SERVICE

4. End User Access Service (Cont'd)

4.6 Rate Regulations (Cont'd)

4.6.9 DS1 Channel Service (N)(x)

When an end user is provided local exchange service under any general and/or local exchange tariff(s) using a DS1 (1.544 Mbps) channel service where the customer provides the terminating channelization equipment, five(5) EUCL - Multiline Business Individual line or trunk charges as set forth in Section 17.1.2 (C), following, apply to each DS1 channel service. (N)(x)

(x) Filed pursuant to the Federal Communications Commission's *Order Granting Petition for Rulemaking, Notice of Proposed Rulemaking, and Order Granting Interim Partial Waiver*, WC Docket No. 04-259, RM-10603, released July 19, 2004. National Exchange Carrier Association Petition to Amend Section 69.104 of the Commission's Rules. Granted on an interim basis, the above mentioned waiver expires at such time as the Commission resolves the issues raised in the Notice of Proposed Rulemaking.

ACCESS SERVICE

5. Access Ordering

5.1 General

This section sets forth the regulations and order related charges for services set forth in other sections of this tariff. Order related charges are in addition to other applicable charges for the services provided.

An Access Order is an order to provide the customer with Switched Access, Special Access, and Public Packet Data Network or Access Related Service or to provide changes to existing services.

The regulations, rates and charges for special construction are set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 3 and are in addition to the regulations, rates and charges specified in this section.

A customer may order any number of services of the same type and between the same premises on a single Access Order. All details for services for a particular order must be identical except for those for multipoint service.

The customer shall provide to the Telephone Company the order information required in 5.2 following, and in addition the customer must also provide:

- Customer name and premises address(es).
- Billing name and address (when different from customer name and address).
- Customer contact name(s) and telephone number(s) for the following provisioning activities: order negotiation, order confirmation, interactive design, installation and billing.

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.1 General (Cont'd)

5.1.1 Service Installation

The Telephone Company will provide the Access Service in accordance with the customer's requested service date, subject to the constraints established by the Telephone Company schedule of applicable service dates.

The Telephone Company shall make available to all customers, upon request, a schedule of applicable service intervals for Switched Access, Special Access and Public Packet Data Network Services. The schedule shall specify the applicable service interval for services and the quantities of services that can be provided by a requested service date. Any associated material will be provided upon request and within a reasonable period of time.

The Telephone Company will not accept orders for service dates which exceed the applicable service date by more than six months.

Access Services will be installed during Telephone Company business days. If a customer requests that installation be done outside of scheduled work hours, and the Telephone Company agrees to this request, the customer will be subject to applicable Additional Labor Charges as set forth in 17.4.3(A) following.

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.1 General (Cont'd)

5.1.2 Expedited Orders

When placing an Access Order, a customer may request a service date that is prior to the applicable service date. Additionally, a customer may also request an earlier service date on a pending Access Order. In this case, an Access Order modification as set forth in 5.4 following would be required. If the Telephone Company determines that the service can be provided on the requested date and that additional labor cost or extraordinary costs are required to meet the requested service date, the customer will be notified and will be provided with an estimate of the additional charges involved. Charges will be billed at actual cost, not to exceed 10 percent over estimated charges. Such additional charges will be determined and billed to the customer as explained following.

To calculate the additional labor charges, the Telephone Company will, upon authorization from the customer to incur the additional labor charges, keep track of the additional labor hours used to meet the request of the customer and will bill the customer at the applicable Additional Labor charges as set forth in 17.4.3(A) following.

To develop, determine and bill the customer the extraordinary costs which may be involved, the Special Construction terms and conditions as set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 3 will be used by the Telephone Company. Authorization to incur the costs and to bill the customer will be in accordance with the terms and conditions of NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 3.

When the request for expediting occurs subsequent to the issuance of the Access Order, a Service Date Change Charge as set forth in 17.4.1(B) following also applies.

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.1 General (Cont'd)

5.1.3 Selection of Facilities for Access Orders

The option to request a specific transmission path or channel is only provided for High Capacity Facilities Special Access, or as provided for under Special Facilities Routing as set forth in Section 11. following.

When there are High Capacity facilities to a hub on order or in service for the customer's use, the customer may request a specific channel or transmission path be used to provide the Switched or Special Access Service requested in an Access Order. The Telephone Company will make a reasonable effort to accommodate the customer request.

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements

5.2.1 Switched Access Service

Except as provided for in Sections 5.2.1(F) and 5.2.1(G), following, when ordering Switched Access service, the customer must specify the directionality of the service and whether the service is to be provided as (1) Direct Trunked Transport from the serving wire center to the end office or (2) Direct Trunked Transport from the serving wire center to a tandem which connects with Tandem Switched Transport from the tandem to the end office. When all or a portion of service is ordered as Direct Trunked Transport, the customer must specify the type and quantity of Direct Trunked Transport facility (e.g., Voice Grade, High Capacity DS1 or DS3, or Synchronous Optical Channel OC3 or OC12) and the hubs or ADM equipped wire centers involved. (T) (C)

Except as provided for in Sections 5.2.1(F), 5.2.1(G) and 6.1.3(A)(1), following, the Customer must also specify the type of Entrance Facility to be used for Switched Access (e.g., Voice Grade, High Capacity or Synchronous Optical Channel). For High Capacity or Synchronous Optical Channel Entrance Facilities, the customer must specify the facility assignment and the channel assignment for each trunk. (C)

With the exception of Ethernet Switched Access Local Transport (ESALT) Direct Trunked Transport, Direct Trunked Transport is available at all tandems and at all end offices except those end offices identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. as not having the capability to provide Direct Trunked Transport. ESALT Direct Trunked Transport is only available at those suitably equipped tandems and end offices identified by the Telephone Company in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. Direct Trunked Transport is not available: (1) from end offices that provide equal access through a Centralized Equal Access arrangement, or (2) from end offices that lack recording or measurement capability. (C) (C) (C) (C) (C)

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.1 Switched Access Service (Cont'd)

Normally, Direct Trunked Transport of originating 800 series calls from an end office is available only from Service Switching Point (SSP) equipped end offices. However, certain SSP equipped end offices cannot accommodate the direct trunking of the 800 series (other than the 800 service access code) service access code. These end offices are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. NO. 4. Additionally, certain non-SSP equipped end offices can accommodate direct trunking of originating 800 series calls. These end offices are also identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. NO. 4. (M)

When the customer has both Tandem Switched Transport and Direct Trunked Transport at the same end office, the customer will be provided Alternate Traffic Routing as set forth in Section 6.4.6, following. (T)(M)

A customer's Local Transport may be connected to the Entrance Facility of another customer, providing the other customer submits a Letter of Authorization for this connection and assumes full responsibility for the cost of the Entrance Facility.

Certain material currently found on this page previously appeared on 7th Revised Page 5-5.

Certain material previously found on this page now appears on Original Page 5-5.2.

ACCESS SERVICE (N)

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.1 Switched Access Service (Cont'd) (N)

(A) Feature Group A (M)

Orders for Feature Group A Switched Access Service shall be in lines.

When placing an order for Feature Group A Switched Access Service, the customer shall provide the following information in addition to that set forth in Section 5.1, preceding: (T)

- The number of lines and the first point of switching (i.e., Dial Tone Office)
- Optional Features
- Whether the Off-hook Supervisory Signaling is provided by the customer's equipment before the called party answers, or is forwarded by the customer's equipment when the called party answers
- Lines to be provided as single lines
- Lines to be arranged in multiline hunt group arrangements
- Directionality (1-way, 2-way, etc.)
- A projected Percentage of Interstate Use (PIU) as set forth in Section 2.3.11, preceding (T)
- The Interexchange Carrier to which the service is connected or, in the alternative, specify the means by which the FGA access communications are transported to another state. (M)

Certain material currently found on this page previously appeared on 3rd Revised Page 5-5.1.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.1 Switched Access Service (Cont'd)

(B) Feature Group B

Orders for Feature Group B Switched Access Service shall be in trunks.

When placing an order for Feature Group B Service, the customer shall provide, the following information in addition to that set forth in 5.1 preceding:

- The number of trunks
- The end office, except when FGB is provided through a centralized equal access arrangement, when direct routing is desired
- The access tandem office when tandem routing is desired
- Optional Features
- Trunks to be provided as single trunks
- Trunks to be arranged in trunk group arrangements
- Directionality (1-way, 2-way, etc.)
- A projected percentage of interstate use (PIU) as set forth in 2.3.11 preceding
- The Interexchange Carrier to which the service is connected or, in the alternative, specify the means by which the FGB access communications are transported to another state.
- The access code dialing arrangement (i.e., a uniform access code of 950-XXXX or an Abbreviated Dialing Arrangement (ADA) access code of N or NX)
- For Feature Group B switched access service to a Wireless Switching Center (WSC) directly interconnected to a Telephone Company access tandem office, the customer shall provide information to the Telephone Company indicating the NXX code(s) to be accessed.

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.1 Switched Access Service (Cont'd)

(C) Feature Group C, Feature Group D, Interim NXX Translation, Operator Transfer Service and SS7 Signaling

The ordering requirements for Feature Group D Switched Access Service used in conjunction with Internet Protocol Gateway Access Service are specified in Section 5.2.1(F), following. The ordering requirements for Feature Group D Switched Access Service used in conjunction with ESALT are specified in Section 5.2.1(G), following. (C)

When placing an order for Feature Group C and D Switched Access Service, the customer shall provide:

- The number of BHMC from the customer designated premises to the end office or Operator Transfer Service location by Feature Group and by type of BHMC, or
- The number of trunks desired between customer designated premises and an entry switch or Operator Transfer Service location.
- The number of BHMC or trunks required for or to be converted to an SS7 Signaling capability.
- Optional Features
- Interim NXX Translation options.
- Operator Transfer Service option
- A projected Percentage of Interstate Use (PIU) as set forth in Section 2.3.11, preceding.
- For Feature Group D switched access service to a Wireless Switching Center (WSC) directly interconnected to a Telephone Company access tandem office, the customer shall provide information to the Telephone Company indicating the NXX code(s) to be accessed.

When BHMC information is provided it is used to determine the number of transmission paths as set forth in Section 6.2.5, following.

ACCESS SERVICE (N)

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.1 Switched Access Service (Cont'd)

(C) Feature Group C, Feature Group D, Interim NXX Translation, Operator Transfer Service and SS7 Signaling (Cont'd) (N)

The BHMC may be determined by the customer in the following manner. For each day (8 am to 11 pm, Monday through Friday, excluding national holidays), the customer shall determine the highest number of minutes of use for a single hour (e.g., 55 minutes in the 10-11 a.m. hour). The customer shall, for the same hour period (i.e., busy hour) for each of twenty consecutive business days, pick the twenty consecutive business days in a calendar year which add up to the largest number of minutes of use. Both originating and terminating minutes shall be included. The customer shall then determine the average busy hour minutes of capacity (i.e., BHMC) by dividing the largest number of minutes of use figure for the same hour period for the consecutive twenty business day period by 20. This computation shall be performed for each end office the customer wishes to serve. These determinations thus establish the forecasted BHMC for each end office. (M) (M)

Certain material currently found on this page previously appeared on 8th Revised Page 5-7.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.1 Switched Access Service (Cont'd)

(C) Feature Group C, Feature Group D, Interim NXX Translation, Operator Transfer Service and SS7 Signaling (Cont'd)

Customers may, at their option, order FGD by specifying the number of trunks desired between customer designated premises and an end office, access tandem or operator services location. When ordering by trunk quantities rather than BHMC quantities to an access tandem, the customer must also provide the Telephone Company an estimate of the amount of traffic it will generate to and/or from each end office subtending the access tandem to assist the Telephone Company in its own efforts to project further facility requirements.

When Feature Group C or D is ordered with the Interim NXX Translation optional feature, the customer shall specify the Service Access Code(s) (e.g., 900) and their associated NXX code(s) to be translated within the entire LATA or Market Area. The initial and subsequent orders to add, change, or delete Interim NXX Translation codes shall be placed separately or in combination with orders to change Feature Group C or D Switched Access BHMC or trunks. Customer assigned NXX codes which have not been ordered will be blocked.

Orders for the Interim NXX Translation optional feature shall not be required until such time as a customer other than an MTS/WATS provider requests Interim NXX Translation of Service Access Codes. Upon receipt of such order, the Telephone Company shall notify the MTS/WATS provider of the activation of the Interim NXX Translation Service for the Service Access Code. Following such initial activation, all customers are required to place orders for Interim NXX Translation of the Service Access Code and the Interim NXX Translation charge for the Service Access Code shall apply as set forth in 17.2.1(C) following.

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ACCESS SERVICE (N)

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.1 Switched Access Service (Cont'd) (N)

(C) Feature Group C, Feature Group D, Interim NXX Translation, Operator Transfer Service and SS7 Signaling (Cont'd) (M)

For the Operator Transfer Service Option ordered in conjunction with Feature Group C or Feature Group D Switched Access Service as set forth in 6.7.1 and 6.8.1 following, the customer must specify the number of trunks or BHMCs desired between its premises and the Telephone Company operator services location.

Operator Transfer Service is provided at operator services locations as set forth in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

(D) Directory Assistance

Orders for Directory Assistance service shall be in BHMCs.

When placing an order for Directory Assistance service, the customer shall provide the following information:

- The number of BHMCs from the customer designated premises to the Directory Assistance location
- If Switched Access is required on the terminating end of the DA call, as set forth in Section 9. following, the Feature Group B, C or D Switched Access Service Trunk Group to be associated with the DA service
- Directory Transport options.

The BHMC information is used to determine the number of transmission paths as set forth in 9.2.6 following. (M)

Certain material currently found on this page previously appeared on 4th Revised Page 5-9.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.1 Switched Access Service (Cont'd)

(E) SS7 Optional Feature

When Feature Group C or D is ordered with the SS7 optional feature, in addition to information listed in Section 5.2.1(C), preceding, the customer shall specify a reference to existing signaling connections or reference a related SS7 signaling connection order. When ordering SS7 signaling, the customer shall provide the Signaling Transfer Point codes, location identifier codes and circuit identifier codes. In addition, the customer shall work cooperatively with the Telephone Company to determine the number of SS7 signaling connections required to handle its signaling traffic. (T)

For 800 Data Base Access Service, as described in Sections 6.1.3(A) and (C), following, the customer must order FGC or FGD to those access tandems or end offices designated as Service Switching Points (SSP) for 800 data base service or to those non-SSP equipped end offices that can accommodate direct trunking of originating 800 calls. SSP equipped end offices and access tandems and non-SSP equipped end offices that can accommodate direct trunking of originating 800 calls are designated in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION. Certain SSP equipped end offices that cannot accommodate direct trunking of originating 800 series (other than the 800 (M) (T) (T) (M)

Certain material currently found on this page previously appeared on 4th Revised Page 5-9.1.

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.1 Switched Access Service (Cont'd)

(E) SS7 Optional Feature (Cont'd)

service access code) calls are designated in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION. All traffic originating from end offices not equipped to provide SS7 signaling and routing, not able to accommodate direct trunking of originating 800 series calls or equipped with SS7 signaling but not able to accommodate direct trunking of originating 800 series (other than the 800 service access code) calls, require routing via an access tandem where SSP functionality is available.

(F) Internet Protocol Gateway Access Service

When placing an order for Feature Group D Switched Access Service for use in conjunction with Internet Protocol Gateway Access Service (IPG) as described in Section 16.4, following, the customer shall provide: (C)

- the number of BHMC between the IPG gateway SWC and each end office to which the IPG customer wants to terminate interexchange voice traffic originated on its IP based network and/or receive interexchange voice traffic originated on the Telephone Company's network and (C)
- a projected Percentage of Interstate Use (PIU) as set forth in Section 2.3.11, preceding.

BHMC information is used to determine the number of transmission paths as set forth in Section 6.2.5, following.

ACCESS SERVICE (N)

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.1 Switched Access Service (Cont'd)

(G) Ethernet Switched Access Local Transport

When placing an order for Ethernet Switched Access Local Transport (ESALT) and required Feature Group D Switched Access Service as described in Section 6.1, following, the customer must specify:

- The customer designated premises;
- The number and bandwidth capacity for each ESALT Entrance Facility and, where required, the number, type and bandwidth capacity for each ESALT Direct Trunked Facility, ESALT Direct Trunked Termination and ESALT Class of Service/Quality of Service;
- The type of signaling interface and bearer channel format requested that are compatible with the Technical Reference transmission standards listed in Section 6.1.1(A), following;
- The number of BMHC between the ESALT SWC and each end office to which the customer wants to terminate interexchange voice traffic originated on its IP based network and/or receive interexchange voice traffic originated on the Telephone Company’s network; and
- A projected Percentage of Interstate Use (PIU) as set forth in Section 2.3.11, preceding.

BHMC information is used to determine the number of transmission paths as set forth in Section 6.2.5, following. (N)

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.2 Special Access Service

When placing an order for Special Access Service the customer must specify:

- the customer designated premises or hubs or ADM equipped wire centers involved
- type of service (e.g., Voice Grade, High Capacity, etc.)
- the channel interface(s)
- technical specification package
- options desired
- for multipoint services, the channel interface at each customer designated premises may, at the request of the customer, be different but all such interfaces shall be compatible.
- that the traffic consists of more than ten percent interstate traffic.

All part-time Video and Program Audio services are subject to a service inquiry. A service inquiry is a request to the Telephone Company to determine if facilities exist to provide the service ordered and to determine the service date on which service can be provided to the customer.

Where the Special Access Service is exempt from the Special Access Surcharge, as set forth in 7.3 following the customer shall furnish written certification to that effect as set forth in 7.3.3 following.

When ordering bridging and/or multiplexing, the Customer must specify the telephone company hub(s) from which they desire service. The Customer must specify only those hubs that provide the type of service ordered and interconnect with the wire center(s) from which the customer requires service. The Wire Center section of National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4 identifies hub types and multiplexing functions (e.g., Digital Data, High Capacity Multiplexing, Add/Drop Multiplexing) as well as hub levels (i.e., Hub, Terminus Hub, Intermediate Hub and Super-Intermediate Hub). Additionally, the Subtending section of Tariff F.C.C. No. 4 identifies wire centers and the Intermediate and/or Super-Intermediate Hubs with which they interconnect.

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.2 Special Access Service (Cont'd)

(D)

(D)

Certain material formerly found on this page now appears on 3rd Revised Page 5-10.2.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.2 Special Access Service (Cont'd)

There are two Special Access Optional Rate Plans that offer term discounts: a High Capacity Optional Rate Plan and a Synchronous Optical Channel Service (SOCS) Optional Rate Plan, as described in Sections 7.2.8(A) and (B), following. (T)

When ordering the High Capacity Term Discount Optional Rate Plan, an upgrade to the plan, or a High Capacity Service Optional Rate Plan Replacement, discontinuance charges, as specified in Section 7.2.8(A)(1), following, will not apply if the conditions set forth in Section 7.2.8(A)(1), following, are met and the customer provides the following ordering information: (C) (C)

Term Discounts - Upgrades in Capacity (DS1 to DS3) (T)

- The customer's order for the disconnect of the existing DS1 Service and the installation of the new DS3 Service are received at the same time and specifically reference the application of upgrade in capacity.

- The customer's disconnect order for the existing DS1 Service must reference the DS3 Service installation order.

Customer orders to install and disconnect DS1 or DS3 services provided under a Term Discount plan where the number of DS1s or DS3s remains constant and the customer wishes to maintain the existing Term Discount period and minimum service period must:

- Be received at the same time.

- Reference continuation of the existing Term Discount period and the minimum service period on both the installation and disconnect orders.

Certain material previously found on this page now appears on Original Page 5-10.2.1.

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.2 Special Access Service (Cont'd)

Term Discounts - Optional Rate Plan Replacements

Discontinuance charges as specified in Section 7.2.8(A)(1)(d), following, will not apply when an existing High Capacity Optional Rate Plan customer:

- Orders the disconnect of its existing committed High Capacity channel(s) and installation of one or more newly committed SOCS channel(s), ATM-CRS Port(s) or ETS Port(s) as described in Section 7.2.8(A)(1)(c), following, and complies with the following requirements:

  - The customer's orders for the disconnection of its existing committed High Capacity channel(s) and installation of its replacement newly committed SOCS channel(s), ATM-CRS Port(s) or ETS Port(s) are submitted to the Telephone Company at the same time.

  - All orders specifically reference the replacement of the existing committed High Capacity channel(s) with one or more newly committed SOCS channel(s), ATM-CRS Port(s) or ETS Port(s) in the customer's new SOCS Optional Rate Plan, in the customer's new or existing ATM-CRS Term Discount Plan, or in the customer's new or existing ETS Term Discount Plan. (N)

The High Capacity Term Discount Optional Rate Plan is only available from those Telephone Companies listed in Section 17.3.10(A)(1), following. (M) (M)

Certain material currently found on this page previously appeared on 3rd Revised Page 5-10.2.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.2 Special Access Service (Cont'd)

The Synchronous Optical Channel Service Optional Rate Plan is a Term Discount plan. When ordering a Synchronous Optical Channel Service Term Discount Optional Rate Plan, upgrade to the plan, or a SOCS Optional Rate Plan Replacement, discontinuance charges, as specified in Section 7.2.8(B), following, will not apply if the conditions set forth in Section 7.2.8(B), following, are met and the customer provides the following ordering information: (C) (C) (T) (T)

Term Discounts - Upgrades in Capacity (OC3/OC3c to OC12) (T)

- The customer's order for the disconnect of the existing OC3/OC3c Service and the installation of the new OC12 Service are received at the same time and specifically reference the application of upgrade in capacity.

- The customer's disconnect order for the existing OC3/OC3c Service must reference the OC12 Service installation order.

Customer orders to install and disconnect OC3/OC3c or OC12 services provided under a Term Discount plan where the number of OC3s, OC3cs, or OC12s remains constant and the customer wishes to maintain the existing Term Discount period and minimum service period must:

- Be received at the same time.

- Reference continuation of the existing Term Discount period and the minimum service period on both the installation and disconnect orders.

Certain material previously found on this page now appears on Original Page 5-10.3.1.

ACCESS SERVICE (N)

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.2 Special Access Service (Cont'd)

Term Discounts - Optional Rate Plan Replacements

Discontinuance charges as specified in Section 7.2.8(B)(4), following, will not apply when an existing SOCS Optional Rate Plan customer:

- Orders the disconnect of its existing committed SOCS channel(s) and installation of one or more newly committed ATM-CRS Port(s) or ETS Port(s) as described in Section 7.2.8(B)(3), following, and complies with the following requirements:

  - The customer’s orders for the disconnection of its existing committed SOCS channel(s) and installation of its replacement newly committed ATM-CRS Port(s) or ETS Port(s) are submitted to the Telephone Company at the same time.

  - All orders specifically reference the replacement of the existing committed SOCS channel(s) with one or more newly committed ATM-CRS Port(s) or ETS Port(s) in the customer’s new or existing ATM-CRS Term Discount Plan or in the customer’s new or existing ETS Term Discount Plan. (N)

The Synchronous Optical Channel Service Term Discount Optional Rate Plan is only available from those Telephone Companies listed in Section 17.3.10(A), following. (M) (T) (M)

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.3 WATS or WATS-Type Services

Special Access Service may be ordered for connection with FGA, FGB, FGC or FGD Switched Access Service at Telephone Company designated WATS Serving Offices (WSOs) for the provision of WATS or WATS-type Services and may be ordered separately by a customer other than the customer which orders the FGA, FGB, FGC or FGD Switched Access Service. For the Special Access Service the customer shall specify:

- the customer designated premises at which the Special Access service terminates
- the type of line (i.e., two-wire or four-wire)
- the type of calling (i.e., originating, terminating or two-way)
- type of Supervisory Signaling.

When the optional screening, switching and/or recording functions are not provided at the customer serving wire center, Channel Mileage, as set forth in 7.2.1 following, must be ordered between that wire center and the nearest WSO where the screening, switching and/or recording functions can be provided.

5.2.4 Mixed Use Facilities (T)

Mixed use is the provision of both Switched and Special Access Services over the same High Capacity or Synchronous Optical Channel facilities. Mixed use facilities to a hub or ADM equipped wire center will be ordered and provided as Special Access Service. Where mixed use is employed, individual services utilizing these facilities must be ordered either as Switched Access Service or Special Access Service as further elaborated and set forth in Sections 6.4.7 (T)
and 7.2.7, following. When placing the order for the (T)
individual service(s), the customer must specify a channel assignment for each service ordered.

ACCESS SERVICE (N)

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.4 Mixed Use Facilities (Cont'd)

Mixed use is also the provision of both Ethernet Switched Access Local Transport (ESALT) and Ethernet Transport Service (ETS) over the same Ethernet Transport Service facilities. Mixed use facilities to an ETS SWC will be ordered and provided as Ethernet Transport Service. Where mixed use is employed, individual services utilizing these facilities must be ordered either as ESALT or ETS as set forth in Sections 6.4.7 and 16.3.4(D), following. (N)

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.5 Miscellaneous Services

Testing Service, Additional Labor, Telecommunications Service Priority and Special Facilities Routing shall be ordered with an Access Order or may subsequently be added to a pending order at any time up to and including the service date for the access service. When miscellaneous services are added to a pending order a service date change may be required. When a service date change is required, the service date change charge as set forth in 17.4.1(A) following will apply. When miscellaneous services are added to a pending order, charges for a design change as set forth in 17.4.1(C) following will apply when an engineering review is required. If both a service date change and an engineering review are required, both the Service Date Change Charge and the Design Change Charge will apply as set forth in 5.4.3(B) following.

The rates and charges for these services, as set forth in Section 17. of this tariff, will apply in addition to the ordering charges set forth in Section 17. and the rates and charges for the Access Service with which they are associated.

Additional Engineering is not an ordering option, but will be applied to an Access Order when the Telephone Company determines that Additional Engineering is necessary to accommodate a customer request. Additional Engineering will only be required as set forth in 13.1 following. When it is required, the customer will be so notified and will be furnished with a written statement setting forth the justification for the Additional Engineering as well as an estimate of the charges. If the customer agrees to the Additional Engineering, a firm order will be established. If the customer does not want the service or facilities after being notified that Additional Engineering of Telephone Company facilities is required, the order will be withdrawn and no charges will apply. Once a firm order has been established, the total charge to the customer for the Additional Engineering may not exceed the estimated amount by more than 10%.

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.6 Frame Relay Access Service

When ordering Frame Relay Access Service, a minimum of two port connections are required for data to be transported between customer designated premises.

When placing an order for Frame Relay Access Service the customer must specify:

- the customer designated premises;
- the type of channel;
- the channel interface(s);
- the technical specification package and options desired;
- whether a Frame Relay Access Connection (i.e., user-to-network interface) or a Frame Relay Inter-network Connection (i.e., network-to-network interface) is required;
- the port speed;
- the number of Permanent Virtual Connections (PVCs) required;
- the location of the ports for each PVC or for connection to DSL Access Services, the location of the port and the DSL Access Service Connection Point;
- the Committed Information Rates (CIRs) that will be associated with each PVC;
- that the traffic consists of more than ten percent interstate traffic.

The port connecting the Special Access facility to the Telephone Company frame relay switch must be ordered and provided at the same speed as the Special Access facility.

When connecting to the port of another customer, the ordering customer must obtain authorization from the other customer.

When an extended PVC is ordered, the customer is responsible for placing the order with all telephone companies involved.

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5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.6 Frame Relay Access Service (Cont'd)

When ordering a Frame Relay Access Service Term Discount Optional Rate Plan or an upgrade to the plan, discontinuance charges, as specified in 16.1.3(A)(3) following, will not apply if the conditions set forth in 16.1.3(A)(3) are met and the customer provides the following ordering information:

Term Discounts-Upgrades in Capacity

- The customer's order for the disconnect of the existing service and the installation of the new service are received at the same time and specifically reference the application of upgrade in capacity.

- The customer's disconnect order for the existing service must reference the service installation order.

Customer orders to install and disconnect Frame Relay Access Service connections provided under a Term Discount plan where the facility capacity remains constant and the customer wishes to maintain the existing Term Discount period and minimum service period must:

- Be received at the same time.

- Reference continuation of the existing Term Discount period and the minimum service period on both the installation and disconnect orders.

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5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.7 Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS)

When placing an order for ATM-CRS, the customer must specify:

- the customer designated premises;

- the type(s) of ATM-CRS Port interface(s);

- the speed for each ATM-CRS Port;

- the number, bandwidth capacity and traffic routing prioritization parameter for each ATM-CRS Virtual Path associated with an ATM-CRS Port;

- the ATM-CRS Ports and Virtual Paths associated with ATM-CRS Virtual Circuit Channels being established by the Telephone Company, if applicable;

- options desired, if applicable;

- that the traffic consists of more than 10 percent interstate traffic.

When connecting to the ATM-CRS Port of another customer, the ordering customer must obtain authorization from the other customer. (N)

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.7 Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) (Cont'd)

Discontinuance charges as specified in Section 16.2.5(D), following, will not apply when an existing ATM-CRS Term Discount Plan customer: 1) orders the disconnect of an existing committed ATM-CRS Port and its replacement by one or more newly installed committed ATM-CRS Port(s)as described in Section 16.2.5(B)(1), following, and 2) complies with the following requirements:

- The customer's orders for the disconnection of the existing committed ATM-CRS Port and the installation of the replacement committed ATM-CRS Port(s) are submitted to the Telephone Company at the same time.

- Both orders specifically reference the replacement of the existing committed ATM-CRS Port with the newly installed committed ATM-CRS Port in the customer's existing ATM-CRS Term Discount Plan.

Discontinuance charges as specified in Section 16.2.5(D), following, will not apply when an existing ATM-CRS Term Discount Plan customer: 1) orders the disconnect of an existing committed ATM-CRS Port and its replacement by one or more newly installed committed ETS Port(s)as described in Section 16.2.5(B)(4), following, and 2) complies with the following requirements:

- The customer's orders for the disconnection of the existing committed ATM-CRS Port and the installation of the replacement committed ETS Port(s) are submitted to the Telephone Company at the same time.

- Both orders specifically reference the replacement of the existing committed ATM-CRS Port with the newly installed committed ETS Port in the customer's existing ETS Term Discount Plan. (N)

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.7 Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) (Cont'd)

The ATM-CRS Term Discount Plan is only available from those Telephone Companies listed in Section 17.3.10(A)(1), following. (N)

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.8 Ethernet Transport Service (ETS)

When placing an order for ETS, the customer must specify:

- the customer designated premises;

- the type(s) of ETS Port interface(s);

- the speed for each ETS Port;

- the bandwidth capacity for each ETS Channel Termination (ETS CT), and the number and bandwidth capacity for each ETS Ethernet Virtual Connection (ETS EVC), ETS Extended Ethernet Virtual Connection (ETS E-EVC) and ETS Interconnected Ethernet Virtual Connections (ETS I-EVCs) associated with an ETS Port; (C) (C)

- options desired, if applicable;

- that the traffic consists of more than 10 percent interstate traffic.

When connecting to the ETS Port of another customer, the ordering customer must obtain authorization from the other customer.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.8 Ethernet Transport Service (ETS) (Cont'd)

Discontinuance charges as specified in Section 16.3.5(D), following, will not apply when an existing ETS Term Discount Plan customer: 1) orders the disconnect of an existing committed ETS Port and its replacement by one or more newly installed committed ETS Port(s)as described in Section 16.3.5(B)(1), following, and 2) complies with the following requirements: (T)

- The customer's orders for the disconnection of the existing committed ETS Port and the installation of the replacement committed ETS Port(s) are submitted to the Telephone Company at the same time.

- Both orders specifically reference the replacement of the existing committed ETS Port with the newly installed committed ETS Port in the customer's existing ETS Term Discount Plan.

The ETS Term Discount Plan is only available from those Telephone Companies listed in Section 17.3.10(A)(1), following.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.2 Ordering Requirements (Cont'd)

5.2.9 Internet Protocol Gateway Access Service (IPG)

When placing an order for IPG, the customer must specify:

- the customer designated premises;

- the number of IPG Port interface(s);

- the speed for each IPG Port;

- the number and bandwidth capacity for each IPG Transport Termination (IPG TT) and, where required, the number and bandwidth capacity for each IPG Transport Mileage Facility (IPG TMF) and IPG Transport Mileage Termination (IPG TMT);

- the type of signaling interface and bearer channel format requested that are compatible with the Technical Reference transmission standards listed in Section 16.4.3(B), following;

- that an order for Feature Group D Switched Access Service has been placed pursuant to the requirements specified in Section 5.2.1(F), preceding; and (C)

- that the traffic consists of more than 10 percent interstate traffic.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.3 Access Orders For Services Provided By More Than One Telephone Company

Access Services provided by more than one Telephone Company are services where one end of the Local Transport, Directory Transport or Channel Mileage element is in the operating territory of one Telephone Company and the other end of the element is in the operating territory of a different Telephone Company or where the Interim NXX Translation service and the end office are not provided by the same Telephone Company.

The ordering procedure for this service is dependent upon the billing arrangement, as set forth in 2.4.7 preceding, to be used by the Telephone Companies involved in providing the Access Service. The Telephone Company will notify the customer which of the ordering procedures will apply.

5.3.1 Non Meet Point Billing Ordering - FGA

(A) Single Company Billing Ordering

The Telephone Company receiving the order from the customer will arrange to provide the service and bill the customer as set forth in 2.4.7(A)(1). The customer will place the order with the Telephone Company as follows:

For FGA Switched Access Service the customer will place the order with the Telephone Company in whose territory the first point of switching is located. The first point of switching is the dial tone office.

When the first point of switching is not in the same Telephone Company's territory as the Interexchange Carrier premises, the customer must supply a copy of the order to the Telephone Company in whose territory the Interexchange Carrier premises is located and any other Telephone Company(s) involved in providing the service. When service is provided through a centralized equal access provider, the customer must supply a copy of the order to that provider.

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5. Access Ordering (Cont'd)

5.3 Access Orders For Services Provided By More Than One Telephone Company (Cont'd)

5.3.1 Non Meet Point Billing Ordering - FGA (Cont'd)

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.3 Access Orders For Services Provided By More Than One Telephone Company (Cont'd)

5.3.2 Meet Point Billing Ordering

Each Telephone Company will provide its portion of the Access Service within its operating territory to an interconnection point(s) with the other Telephone Company(s). Billing Percentages will be determined by the Telephone Companies involved in providing the Access Service and listed in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. Each Telephone Company will bill the customer for its portion of the service as set forth in 2.4.7. All other appropriate charges in each Telephone Company tariff are applicable.

For the service(s) ordered as set forth following, the customer must also supply a copy of the order to the Telephone Company in whose operating territory a customer designated premises is located and any other Telephone Company(s) involved in providing the service. Additionally, when service is provided through a centralized equal access provider, the customer must supply a copy of the order to that provider.

(A) For Feature Group A and B Switched Access Services, the customer must place an order with the Telephone Company in whose territory the first point of switching is located, (i.e., FGA - dial tone office, FGB - access tandem or end office). The Telephone Company will designate the first point(s) of switching for FGB Services where the Telephone Company elects to provide equal access through a centralized equal access arrangement. Those Telephone Company offices providing equal access through centralized arrangements are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

(B) For Feature Group C and D Switched Access Services, the customer must place an order with the Telephone Company in whose territory the end office is located. Customers may, at their option, order FGD to the access tandem. When ordered to the access tandem, and the access tandem and the end office are not in the same Telephone Company operating territory, the customer must also supply a copy of the order to each additional Telephone Company subtending the access tandem.

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.3 Access Orders For Services Provided By More Than One Telephone Company (Cont'd)

5.3.2 Meet Point Billing Ordering (Cont'd)

(C) Customers ordering Special Access Service to be interconnected with Switched Access Services at Telephone Company designated WATS Serving Offices for the provision of WATS or WATS-type Services must place an order with each Telephone Company in whose territory the end office and the WATS Serving Office are located, if they are not collocated.

(D) Except for Special Access Service as set forth in (C) above or as set forth in (E) below, the customer may place the order for a Special Access Service with either Exchange Telephone Company.

(E) For Special Access Service involving a hub(s) the customer must place the order with the Telephone Company(s) in whose territory the hub(s) is located.

(F) For Directory Assistance Service, the customer must place an order with the Telephone Company in whose territory the Directory Assistance Location is located.

(G) For initiation, additions, changes or deletions to the Interim NXX Translation code(s), the customer must place an order with the Telephone Company who provides the Interim NXX Translation. The customer must also provide a copy of the order to the Telephone Companies subtending the Interim NXX Translation office.

(H) For a Special Access Service connection to a frame relay network, the customer must place the order with the Telephone Company that provides the frame relay switch. Special Access Service in this situation must be ordered to the wire center equipped with a frame relay switch.

(I) For Special Access Service used in conjunction with Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS), the customer must place the order with each Telephone Company that provides an ATM-CRS Port connection. (N) (N)

5. Access Ordering (Cont'd)

5.3 Access Orders For Services Provided By More Than One Telephone Company (Cont'd)

5.3.2 Meet Point Billing Ordering (Cont'd)

(J) For Special Access Service used in conjunction with Ethernet Transport Service (ETS), the customer must place the order with each Telephone Company that provides an ETS Port connection. (N)

5. Access Ordering (Cont'd)

5.4 Charges Associated with Access Ordering

5.4.1 Access Order Charge

The Access Order Charge is applied to all customer requests for new Special Access, Public Packet Data Network, Switched Access, Directory Assistance, Asymmetric Digital Subscriber Line Access and Symmetric Digital Subscriber Line Access Services. In addition, the Access Order Charge is applicable to customer requests for additions, changes or rearrangements to existing Special Access, Public Packet Data Network, Switched Access, Directory Assistance and Digital Subscriber Line Access Services with the following exceptions:

The Access Order Charge does not apply:

- When a Service Date Change Charge is applicable.

- When a Design Change Charge is applicable.

- To administrative changes as set forth in Sections 6.4.1(B)(3), 7.2.2(C)(3), 8.1.5(E), 8.2.5(E), 16.1.2(B)(2)(b), 16.2.4(B)(2)(b), 16.3.4(B)(2)(b), and 16.4.4(B)(2)(b), following.

- When a change to a pending order does not result in the cancellation of the pending order and the issuance of a new order.

- When the Interim NXX Translation charge is applicable.

- When a Miscellaneous Service Order Charge is applicable.

- When a PIC Change Charge is applicable.

- When a Telephone Company initiated network reconfiguration requires a customer's existing access service to be reconfigured.

- When a service with an ICB rate is converted to a similar service with a non-ICB tariff rate prior to the expiration of the ICB.

- When a Billing Name and Address Order charge is applicable.

- When a 900 Blocking Service charge is applicable.

- When an IPG Access Service Customer as of May 1, 2011 places an order by August 1, 2011 to convert its existing terminating Feature Group D Switched Access Service to a two-way Feature Group D Switched Access Service. (N)

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.4 Charges Associated with Access Ordering (Cont'd)

5.4.1 Access Order Charge (Cont'd)

The Access Order Charge does not apply (Cont'd):

- When Payphone Service Providers (PSPs) obtain Coin Supervision Additive Service in conjunction with local exchange service lines for the provision of pay telephone service.

- To the ADSL Access Service Voice-Data option as set forth in Section 8.1, following and to the SDSL Access Service Voice-Data option as set forth in Section 8.2, following.

- When an ADSL Access Service Line customer orders an ADSL service conversion as set forth in Section 8.1.5(E), following.

- To Local Number Portability (LNP) Services as set forth in Section 13.14, following.

- To Government Emergency Telecommunications Service (GETS) as set forth in Section 10.5.1(C), following.

- When a High Capacity Optional Rate Plan customer makes changes to its existing High Capacity Optional Rate Plan as specified in Section 7.2.8(A)(1)(c), following, for High Capacity Service Optional Rate Plan Replacements.

- When a SOCS Optional Rate Plan customer makes changes to its existing SOCS Optional Rate Plan as specified in Section 7.2.8(B)(4), following, for SOCS Optional Rate Plan Replacements.

- When an ATM-CRS MM-VCC Design Change Charge is applicable.

- When an ETS Design Change Charge is applicable.

- When an ETS customer orders an ETS MM-VCC. (N)

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.4 Charges Associated with Access Ordering (Cont'd)

5.4.1 Access Order Charge (Cont'd)

The Access Order Charge does not apply (Cont'd): (T)

- When an ATM-CRS customer establishes a new ATM-CRS Term Discount Plan or makes changes to an existing ATM-CRS Term Discount Plan.

- When an ETS customer establishes a new ETS Term Discount Plan or makes changes to an existing ETS Term Discount Plan.

- When establishing a new or changing an existing DSL Wholesale Pricing Plan, i.e., DSL WPP Monthly Plan, DSL WPP Term Plan and DSL Volume Pricing Plan (DSL VPP), or converting a DSL WPP Monthly Plan to a DSL WPP Term Plan or vice versa.

- When an ETS Term Discount Plan customer establishes a new or discontinues an existing ETS Volume Discount Plan.

- When an ETS Term Discount Plan customer establishes a new or discontinues an existing ETS Fixed Rate Option.

- When the ETS Port Protection optional feature is ordered in conjunction with the ordering of the Primary ETS Basic Port as set forth in Section 16.3.4(A)(6)(b), following.

The Access Order Charge will be applied on a per order basis to each order received by the Telephone Company or copy of an order received by the Telephone Company pursuant to 5.3.1 preceding and 5.3.2 preceding, except by the Telephone Company applying the Interim NXX Translation charge, and is in addition to other applicable charges as set forth in this and other sections of this tariff.

The Access Order Charge will be applied on a per order basis for any change, rearrangement or addition to the delivery of signaling to an existing STP Port.

The Access Order Charge will be applied on a per order basis for any change, rearrangement or addition of CICs to an existing Feature Group B or Feature Group D trunk group.

5. Access Ordering (Cont'd)

5.4 Charges Associated with Access Ordering (Cont'd)

5.4.2 Miscellaneous Service Order Charge

A Miscellaneous Service Order Charge, as set forth in 17.4.1(D) following, applies to any service or combination of services ordered simultaneously from Section 13 of the tariff for which a service order is not already pending [with the exception of Presubscription (13.4), 900 Blocking Service (13.8), Billing Name and Address Service (13.9), Local Number Portability Services (13.14), and Access Recovery Charge (13.15) which do not have the charge applied]. The Miscellaneous Service Order Charge is an administrative charge designed to compensate for the expenses associated with service order issuance. (C) (C)

The charge always applies to the following services since a pending service order would not exist:

- Overtime Repair (13.2.2),
- Standby Repair (13.2.3),
- Testing and Maintenance with Other Telephone Companies other than when in conjunction with Acceptance Testing (13.2.4),
- Other Labor (13.2.5),
- Maintenance of Service (13.3.2).

The Miscellaneous Service Order Charge will also apply to the following services if they are ordered subsequent to the initial installation of the associated access service, thereby necessitating the issuance of another service order:

- Telecommunications Service Priority (13.3.3),
- Controller Arrangement [13.3.4(A)],
- International Blocking Service (13.8),
- Originating Line Screening (OLS) Service (13.10).

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.4 Charges Associated with Access Ordering (Cont'd)

5.4.2 Miscellaneous Service Order Charge (Cont'd)

The charge does not apply to the following services since there would exist a pending service order:

- Additional Engineering (13.1),
- Overtime Installation (13.2.1),
- Standby Acceptance Testing (13.2.3),
- Testing and Maintenance with Other Telephone Companies when in conjunction with Acceptance Testing (13.2.4),
- Additional Cooperative Acceptance Testing [13.3.1(A)(1) and 13.3.1(B)(1)],
- Coin Supervision Additive Service (13.12).

5.4.3 Access Order Change Charges

Access Order changes involve service date changes and design changes. The customer may request a change of its Access Order prior to the service date. The Telephone Company will make every effort to accommodate a requested change when it is able to do so with the normal work force assigned to complete such an order within normal business hours. If the change cannot be made with the normal work force during normal business hours, the Telephone Company will notify the customer. If the customer still desires the Access Order change, the Telephone Company will schedule a new service date as set forth in Section 5.1.2, preceding. All charges for Access Order change as set forth in Sections 17.4.1(B) and (C), following, will apply on a per occurrence basis.

Certain material previously found on this page now appears on Original Page 5-18.1.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.4 Charges Associated with Access Ordering (Cont'd)

5.4.3 Access Order Change Charges (Cont'd)

Any increase in the number of ordered: (1) Special Access Service channels, (2) Switched Access Service lines, trunks, or busy hour minutes of capacity, (3) Frame Relay Connections and/or PVCs, (4) CCS/SS7 Port Terminations, (5) ATM-CRS Ports, Virtual Paths or Virtual Circuit Channels, (6) ETS Ports, ETS Channel Terminations, ETS Ethernet Virtual Connections, ETS (T)
Extended Ethernet Virtual Connections, or ETS (C)
Interconnected Ethernet Virtual Connections, or (7) IPG (C)
Ports, IPG Transport Terminations, IPG Transport Mileage Facilities or IPG Transport Mileage Terminations will be treated as a new Access Order (for the increased amount only).

If order changes are necessary to satisfy the transmission performance for a Special Access Service ordered by a customer, these changes will be made without order change charges being incurred by the customer.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.4 Charges Associated with Access Ordering (Cont'd)

5.4.3 Access Order Change Charges (Cont'd)

(A) Service Date Change

The customer may request a change of service date on a pending Access Order prior to the service date. A change of service date is a change of the scheduled service date by the customer to either an earlier date or a later date which does not exceed 30 calendar days from the original service date.

If the Telephone Company determines that the customer's request can be accommodated without delaying the service dates for orders of other customers, the service date will be changed and the Service Date Change Charge, as set forth in 17.4.1(B) following, will be applied to the order.

If the service date is changed to an earlier date, and the Telephone Company determines additional labor or extraordinary costs are necessary to meet the earlier service date requested by the customer, the customer will be notified by the Telephone Company that Expedited Order Charges as set forth in 5.1.2 preceding apply. Such charges will apply in addition to the Service Date Change Charge.

If the requested service date exceeds 30 calendar days following the original service date, and the Telephone Company determines that the customer's request can be accommodated, the Telephone Company will cancel the original order and apply the Cancellation Charges as set forth in 5.5.3 following. A new Access Order with a new service date will be issued. The Service Date Change Charge will not apply, however, the Access Order Charge will apply to the new order.

If the service date is changed due to a design change as set forth in (B) following, the Service Date Change Charge will apply.

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5. Access Ordering (Cont'd)

5.4 Charges Associated with Access Ordering (Cont'd)

5.4.3 Access Order Change Charges (Cont'd)

(B) Design Change

The customer may request a design change to the service ordered prior to the requested service date. A design change is any change to an Access Order which requires engineering review. An engineering review is a review by Telephone Company personnel, of the service ordered and the requested changes to determine what changes in the design, if any, are necessary to meet the changes requested by the customer. Design changes include such things as the addition or deletion of optional features or functions or a change in the type of Transport Termination (Switched Access only), type of channel interface, type of Interface Group or technical specification package, or a change in the destination or speed of: 1) a Frame Relay Access Service Permanent Virtual Connection, 2) an Asynchronous Transfer Mode Cell Relay Access Service Virtual Path, 3) an Ethernet Transport Service (ETS) Ethernet Virtual Connection, 4) an ETS Extended Ethernet Virtual Connection or 5) an ETS Interconnected Ethernet Virtual Connection. Design changes do not include a change of customer designated premises, first point of switching, Feature Group type or channel type. Changes of this nature will require the issuance of a new order and the cancellation of the original order with appropriate cancellation charges applied. (T) (C) (C)

The Telephone Company will review the requested change, notify the customer whether the change is a design change, if the change can be accommodated and if a new service date is required. If the customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge as set forth in 17.4.1(C) following will apply in addition to the charge for Additional Engineering as set forth in 17.4.2 following. If a change of service date is required, the Service Date Change Charge as set forth in 17.4.1(B) following will also apply. The Access Order Charge as specified in 17.4.1 following does not apply.

5. Access Ordering (Cont'd)

5.5 Minimum Periods and Cancellations

5.5.1 Minimum Periods

The minimum period for part-time Video and Program Audio Special Access Services is one day as set forth in Section 7.2.4, following, even though the service will be provided only for the duration of the event specified on the order (e.g., one-half hour, two hours, five hours, etc.).

The minimum period for Switched Access High Capacity DS3 and Synchronous Optical Channel Entrance Facilities and Direct Trunked Transport is as set forth in Section 6.1.3(A), following. The minimum period for Ethernet Switched Access Local Transport is as set forth in Section 6.1.3(A)(2), following. The minimum period for Special Access High Capacity Service and Synchronous Optical Channel Service is as set forth in Sections 7.2.4 and 7.2.8, following. The minimum period for Frame Relay Access Service is as set forth in Sections 16.1.2(C) and 16.1.3, following. The minimum period for Asynchronous Transfer Mode Cell Relay Access Service is as set forth in Section 16.2.4(C), following. The minimum period for Ethernet Transport Service is as set forth in Section 16.3.4(C), following. The minimum period for Internet Protocol Gateway Access Service is as set forth in Section 16.4.4(C), following. (C) (C)

The minimum period for which Directory Assistance Service and the Directory Access Service is provided and for which charges apply is six months. A minimum period of six months applies for each additional period of service ordered or extended.

Switched Access usage rated services (i.e., End Office, and Tandem Switched Transport) have no minimum period.

The minimum period for which all other Access Service is provided and for which charges are applicable is one month.

ACCESS SERVICE (N)

5. Access Ordering (Cont'd)

5.5 Minimum Periods and Cancellations (Cont'd) (N)

5.5.2 Development of Minimum Period Charges (M)

When Access Service is disconnected after commencement of service, but prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. A disconnect constitutes facilities being returned to available inventory.

The Minimum Period Charge for monthly billed services will be determined as follows:

(A) For flat-rated Switched Access Service, the charge for a month or fraction thereof is equal to the applicable recurring charges plus any nonrecurring and/or Special Construction charge(s) that may be due. (M)

Certain material currently found on this page formerly appeared on 14th Revised Page 5-21.

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.5 Minimum Period and Cancellations (Cont'd)

5.5.2 Development of Minimum Period Charges (Cont'd)

(B) For Special Access Service and Public Packet Data Network Service the charge for a month or fraction thereof is the applicable monthly rates for the appropriate channel or service type plus any optional features, nonrecurring and/or special construction charge(s) that may apply. (C)

(C) The Minimum Period Charge for part-time Video and Program Audio Services is the applicable daily rate for the appropriate channel type as set forth in Section 7.2.4, following. (T)

(D) The Minimum Period Charge for Digital Subscriber Line Access Service is the applicable monthly rate or fraction thereof plus any nonrecurring charge(s) that may apply.

(E) The Minimum Period Charge for Directory Access Service is developed as set forth in Section 9.4.4, following. (T)

5.5.3 Cancellation of an Access Order

(A) A customer may cancel an Access Order for the installation of service on any date prior to the service date. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the order is to be cancelled. The verbal notice must be followed by written confirmation within 10 days. If a customer or a customer's end user is unable to accept Access Service within 30 calendar days after the original service date, the customer has the choice of the following options:

- The Access Order shall be cancelled and charges set forth in (B) following will apply or,
- Billing for the service will commence.

In such instances, the cancellation date or the billing date, depending on which option is selected by the customer, shall be the 31st day beyond the original service date of the Access Order.

ACCESS SERVICE

5. Access Ordering (Cont'd)

5.5 Minimum Period and Cancellations (Cont'd)

5.5.3 Cancellation of an Access Order (Cont'd)

(B) When a customer cancels an Access Order for the installation of service, a Cancellation Charge will apply as follows:

(1) Installation of Switched Access, Special Access or Public Packet Data Network Service facilities is considered to have started when the Telephone Company incurs any cost in connection therewith or in preparation thereof which would not otherwise have been incurred.

(2) Where the customer cancels an Access Order prior to the start of installation of access facilities, no charges shall apply.

(3) Where installation of access facilities has been started prior to the cancellation, the charges specified in (a) or (b) following, whichever is lower, shall apply.

(a) A charge equal to the costs incurred in such installation, less estimated net salvage. Such costs include the nonrecoverable cost of equipment and material ordered, provided or used, plus the nonrecoverable cost of installation and removal including the costs of engineering, labor, supervision, transportation, rights-of-way and other associated costs;

(b) The minimum period charges for Switched Access, Special Access, or Public Packet Data Network Service ordered by the customer, as set forth in 5.5.2 preceding.

(C) When a customer cancels an order for the discontinuance of service, no charges apply for the cancellation.

(D) When a customer cancels an order for the installation of ADSL Access Service or SDSL Access Service Voice-Data option, no charges apply for the cancellation.

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ACCESS SERVICE

5. Access Ordering (Cont'd)

5.5 Minimum Period and Cancellations (Cont'd)

5.5.3 Cancellation of an Access Order (Cont'd)

(E) If the Telephone Company misses a service date by more than 30 days and such delay is not requested or caused by the customer (excluding those circumstances where the date is missed due to acts of God, governmental requirements, work stoppages and civil commotions), the customer may cancel the Access Order without incurring cancellation charges.

5.5.4 Partial Cancellation Charge

Any decrease in the number of ordered: (1) Special Access Service channels, (2) Switched Access Service lines, trunks, or busy hour minutes of capacity, (3) Frame Relay Connections and/or PVCs, (4) CCS/SS7 Port Terminations, (5) Asynchronous Transfer Mode Cell Relay Access Service Ports, Virtual Paths or Virtual Circuit Channels, (6) ETS Ports, ETS Channel Terminations, ETS Ethernet Virtual Connections, ETS (T)
Extended Ethernet Virtual Connections, or ETS (C)
Interconnected Ethernet Virtual Connections, or (7) IPG (C)
Ports, IPG Transport Terminations, IPG Transport Mileage Facilities or IPG Transport Mileage Terminations will be treated as a partial cancellation and charges will be determined as set forth in Section 5.5.3(B), preceding.

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ACCESS SERVICE

6. Switched Access Service

6.1 General

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a two-point communications path between a customer designated premises and an end user's premises, or when used in conjunction with Internet Protocol Gateway Access Service (IPG) as described in Section 16.4, following, between an IPG SWC and an end user's premises. It provides for the use of common terminating, switching, and trunking facilities and for the use of common subscriber plant of the Telephone Company. Except as specified in Section 6.8.1(M), following, for Feature Group D Switched Access Service used in conjunction with IPG, Switched Access Service provides for the ability to originate calls from an end user's premises to a customer designated premises, and to terminate calls from a customer designated premises to an end user's premises in the LATA where it is provided. Specific references to material describing the elements of Switched Access Service are provided in Sections 6.1.3 and 6.5 through 6.9, following. (x) (x)

Rates and charges for Switched Access Service depend generally on the specific Feature Group ordered by the customer, e.g., for MTS or WATS services or MTS/WATS equivalent services, and whether it is provided in a Telephone Company end office that is equipped to provide equal or non-equal access. Rates and charges for Switched Access Service are set forth in Section 17.2, following. The application of rates for Switched Access Service is described in Section 6.4, following. Rates and charges for services other than Switched Access Service, e.g., a customer's interLATA toll message service, may also be applicable when Switched Access Service is used in conjunction with these other services. Descriptions of such applicability are provided in Sections 6.4.5, 6.4.9, 6.5.1(H), 6.5.3, 6.6.1(G), 6.6.2(D), 6.7.1(F) and 6.8.1(E), following. Finally, a credit is applied against line side Switched Access Service charges as described in Section 6.4.8, following.

(x) Filed under authority of Special Permission No. 13-024 of the Federal Communications Commission to reinstate currently effective regulations and to withdraw revisions filed under Transmittal No. 1400 without becoming effective.

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ACCESS SERVICE (N)

6. Switched Access Service

6.1 General (Cont'd)

The following provision applies to the treatment of Toll VoIP-PSTN Traffic pursuant to the Federal Communications Commission's Part 51 Interconnection Rules and in compliance with the Federal Communications Commission's Report and Order and Further Notice of Proposed Rulemaking in CC Docket Nos. 96-45 and 01-92; GN Docket No. 09-51; WC Docket Nos. 03-109, 05-337, 07-135 and 10-90; and WT Docket No. 10-208, adopted October 27, 2011 and released November 18, 2011 (FCC 11-161). In the absence of an interconnection agreement between the Telephone Company and the customer specifying the treatment of Toll VoIP-PSTN Traffic, the Telephone Company will bill the customer the applicable switched access rates and charges specified in Section 17.2, following, on all jurisdictionally interstate voice traffic identified as Toll VoIP-PSTN Traffic. (N)

Switched Access Service purchased from the provisions of this tariff may be commingled with unbundled network elements or unbundled network element combinations purchased pursuant to the Commission's Part 51 Interconnection Rules and in compliance with the Federal Communications Commission's Report and Order and Order on Remand and Further Notice of Proposed Rulemaking in CC Docket Nos. 01-338, 96-98 and 98-147, adopted February 20, 2003 and released August 21, 2003 (FCC 03-36). (M)

Certain material currently found on this page formerly appeared on 7th Revised Page 6-2.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Description and Provision of Switched Access Service Arrangements

(A) Description

Switched Access Service is provided in four different Feature Group arrangements which are service categories of standard and optional features. These are differentiated by their technical characteristics, e.g., line side vs. trunk side connection at the Telephone Company first point of switching. They are also differentiated by optional feature availability and the manner in which the end user accesses them in originating calling, e.g., with or without access codes of various lengths and digits.

Except as provided for in Sections 6.1.3(A)(1) and 6.8.1(M), following, the provision of each Feature Group requires Local Transport facilities, including an Entrance Facility, and the appropriate End Office functions. In addition, Special Access Service may, at the option of the customer, be connected with Feature Groups A, B, C, or D at Telephone Company designated WATS Serving Offices. In addition, IPG may, at the option of the customer, be connected with Feature Group D at Telephone Company designated IPG SWCs.

Certain material formerly found on this page now appears on Original Page 6-1.1.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Description and Provision of Switched Access Service Arrangements (Cont'd)

(A) Description (Cont'd)

Where suitable facilities exist, the Ethernet Switched Access Local Transport (ESALT) option enables the customer to handoff IP formatted traffic to the Telephone Company at the designated end office, host office or tandem office location where the Telephone Company will convert the customer's traffic to TDM format for termination to local exchange service end users over the Telephone Company's local network. This option also enables the Telephone Company to convert traffic originated from its local exchange service end users from TDM format to IP format at the designated end office, host office or tandem office and handoff that IP formatted traffic to the customer designated premises. (N)

There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Feature Groups. Except as specified below for ESALT, the technical specifications for the Entrance Facility and Direct Trunked Transport are the same as those set forth in Section 7, following for Voice Grade, High Capacity and Synchronous Optical Channel Services. (C)

Certain material previously found on this page now appears on Original Page 6-2.3.

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ACCESS SERVICE (N)

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Description and Provision of Switched Access Service Arrangements (Cont'd)

(A) Description (Cont'd)

The technical specifications for the ESALT Entrance Facility and Direct Trunked Transport are as set forth in the Technical References listed below. The transmission quality of ESALT is not guaranteed and is offered to customers at a best effort level.

- IEEE Standard 802.3 – 2008;
- IETF RFC 3261 – June 2002;
- IETF RFC 3262 - June 2002;
- IETF RFC 3263 – June 2002;
- IETF RFC 3264 – June 2002;
- IETF RFC 3265 – June 2002;
- IETF RFC 3550 – July 2003;
- ITU-T G.711 – November 1988;
- ITU-T G.723.1 – May 2006;
- ITU-T G.729 – January 2007;
- ITU-T G.7041/Y.1303 – August 2005;
- ITU-T G.8040/Y.1340 – September 2005;
- ITU-T H.225.0 – May 2006;
- ITU-T H.245 – June 2008; and/or
- ITU-T H.323 – June 2006. (N)

ACCESS SERVICE (N)

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Description and Provision of Switched Access Service Arrangements (Cont'd)

(A) Description (Cont'd) (N)

The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in Section 15.1.2, following. (M)

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer designated premises or when used in conjunction with IPG as described in Section 6.8.1(M), following, from Telephone Exchange Service locations to the IPG SWC. Terminating calling permits the delivery of calls from the customer designated premises to Telephone Exchange Service locations or when used in conjunction with IPG as described in Section 6.8.1(M), following, from the IPG SWC to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality. (M)

Certain material currently found on this page previously appeared on 1st Revised Page 6-2.1 and 5th Revised Page 6-3.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Description and Provision of Switched Access Service Arrangements (Cont'd)

(A) Description (Cont'd)

There are various optional features associated with Local Transport, Common Switching and Transport Termination available with the Feature Groups. In addition, the Interim NXX Translation and Operator Transfer Service optional features are available with Feature Group C and Feature Group D.

Operator Transfer Services will be provided over FGC or FGD switched access service trunks from the operator service location to the customer's premises. Where required by technical limitations, a separate FGC or FGD trunk group will be established for Operator Transfer Service. The operator service location will provide trunk answer and disconnect supervisory signaling to the customer.

Detailed descriptions of each of the available Feature Groups are set forth in Sections 6.5 through 6.9, following. Each Feature Group is described in terms of its specific physical characteristics and calling capabilities, the optional features available for use with it and the standard testing capabilities.

The Common Switching and Transport Termination optional features, which are described in Section 6.10, following, unless specifically stated otherwise, are available at all Telephone Company end office switches.

Certain material previously found on this page now appears on Original Page 6-2.3.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Description and Provision of Switched Access Service Arrangements (Cont'd)

(B) Manner of Provision

Switched Access is furnished in either quantities of lines or trunks, or in busy hour minutes of capacity (BHMCs). FGA Access and FGB Access are furnished on a per-line or per-trunk basis respectively. FGC Access and FGD Access are furnished on a BHMC and on a per trunk basis as set forth in Section 5.2, preceding. ESALT may only be used in conjunction with FGD Access. (C) (C)

BHMCs are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement. Differentiation of traffic among BHMC types is necessary for the Telephone Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the customer.

There are three major BHMC categories identified as: Originating, Terminating and Directory Assistance. Originating BHMCs represent access capacity within a LATA for carrying traffic from the end user to the customer or when used in conjunction with Internet Protocol Gateway Access Service, Originating BHMCs represent capacity within the operating territory of the Telephone Company for carrying traffic between the end user and an IPG SWC; Terminating BHMCs represent access capacity within a LATA for carrying traffic from the customer to the end user or when used in conjunction with Internet Protocol Gateway Access Service, Terminating BHMCs represent capacity within the operating territory of the Telephone Company for carrying traffic between the end user and an IPG SWC; and, Directory Assistance BHMCs represent access capacity within a LATA for carrying Directory Assistance traffic from the customer to a Directory Assistance location. When ordering capacity for FGC Access or FGD Access in BHMCs, the customer must at a minimum specify such access capacity in terms of Originating BHMCs and/or Terminating BHMCs.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Description and Provision of Switched Access Service Arrangements (Cont'd)

(B) Manner of Provision (Cont'd)

Because some customers will wish to further segregate their originating traffic into separate trunk groups, or because segregation may be required by network considerations originating BHMCs are further categorized into Domestic, 700, 800 series, 900, Operator, IDDD and Operator Transfer Services. Domestic BHMCs represent access capacity for carrying only domestic traffic other than 700, 800 series, 900, Operator and Operator Transfer Services traffic; IDDD BHMCs represent access capacity for carrying only international traffic; and, 700, 800 series, 900, Operator and Operator Transfer Services BHMCs represent access capacity for carrying, respectively, only 700, 800 series, 900, Operator or Operator Transfer Services traffic. When ordering such types of access capacity, the customer must specify Domestic, 700, 800 series, 900, Operator, IDDD or Operator Transfer Services BHMCs.

6.1.2 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in 5.2 preceding. Also, included in that section are regulations concerning miscellaneous service order charges which may be associated with Switched Access Service ordering (e.g., Service Date Changes, Cancellations, etc.).

6.1.3 Rate Categories

There are three rate categories which apply to Switched Access Service: (C)

- Local Transport (described in 6.1.3(A) following)
- End Office (described in 6.1.3(B) following)
- Chargeable Optional Features (described in 6.1.3(C) following)

(D)

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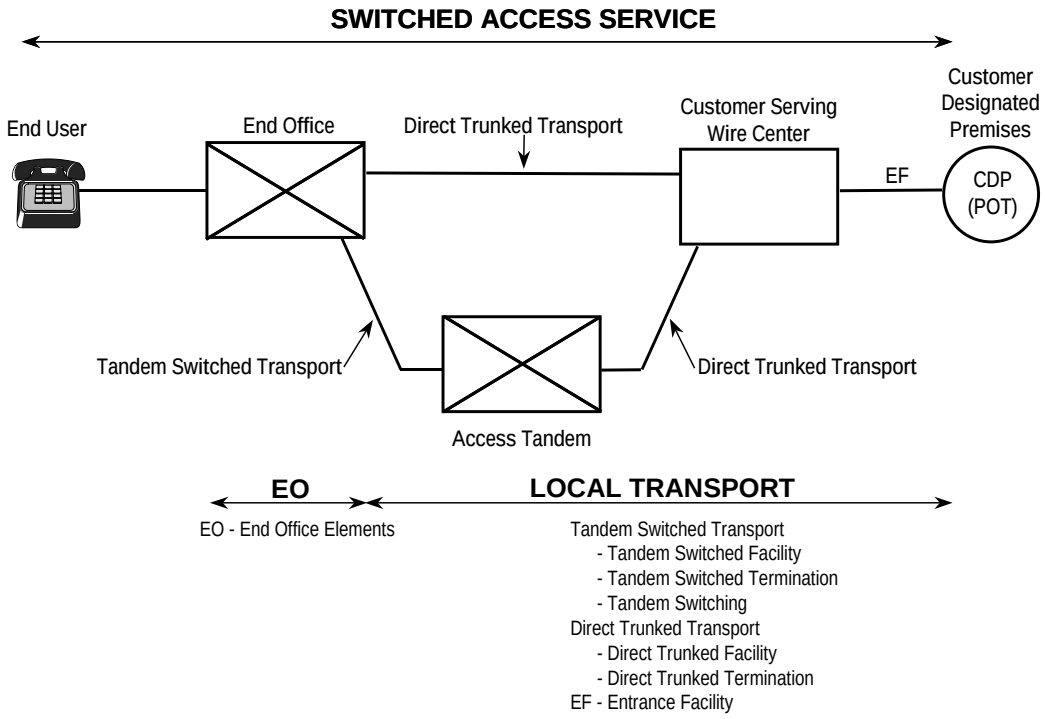
ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

The following diagram depicts a generic view of the components of Switched Access Service and the manner in which the components are combined to provide a complete Access Service.



(C)
(C)
(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport

The Local Transport rate category establishes the charges related to the transmission and tandem switching facilities between the customer designated premises and the end office switch(es), which may be a Remote Switching Module(s) or WATS Serving Office, where the customer's traffic is switched to originate or terminate the customer's communications. When used in conjunction with IPG as specified in Section 16.4, following, the Local Transport rate category establishes the charges related to the transmission and tandem switching facilities between the IPG SWC and the end office switch(es) to terminate the customer's communications. Mileage measurement rules are set forth in Section 6.4.6, following and in this section.

Local Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer designated premises) and in the terminating direction (from the customer designated premises to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Certain material previously found on this page now appears on 7th Revised Page 6.7.1.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

The customer must specify the choice of facilities (i.e., Voice Grade 2 or 4 wire, High Capacity DS1 or DS3, Synchronous Optical Channel OC3 or OC12, or ESALT 2 Mbps, 10 Mbps or 50 Mbps) to be used in the provision of the Direct Trunked Transport or Entrance Facility. High Capacity DS3, Synchronous Optical Channel and ESALT facilities are only available at wire centers identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION. (M) (T) (C) (C) (C) (C) (M)

Except when ordering ESALT or Local Transport associated with IPG, the customer must specify when ordering: (1) whether the service is to be directly routed to an end office switch or through an access tandem switch, (2) the type of Direct Trunked Transport and whether it will overflow to Tandem Switched Transport when service is directly routed to an end office, (3) the type of Entrance Facility, where applicable, (4) the directionality of the service, and (5) when multiplexing is required, the hub(s) at which the multiplexing will be provided. (C)

Certain material currently found on this page previously appeared on 7th Revised Page 6-7.

Certain material previously found on this page now appears on Original Page 6-7.1.1.

ACCESS SERVICE (N)

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

When ordering ESALT, the customer must specify: (1) the ESALT-equipped SWC and (2) the end office switch(es) to which the customer wants to terminate interexchange voice traffic originated on its IP based network and/or receive interexchange voice traffic originated on the Telephone Company's network. (N)

When ordering Local Transport associated with IPG, the customer must specify: (M) (C)
(1) the IPG SWC and (2) the end office switch(es) to which the IPG customer wants to terminate interexchange voice traffic originated on its IP based network and/or receive interexchange voice traffic originated on the Telephone Company's network.

When the customer has both Tandem Switched Transport and Direct Trunked Transport at the same end office, the customer will be provided Alternate Traffic Routing as set forth in Section 6.4.6, following. (M)

Certain material currently found on this page previously appeared on 6th Revised Page 6-7.1.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

Except as specified above for High Capacity DS3, Synchronous Optical Channel and Ethernet Switched Access Local Transport, Direct Trunked Transport is available at all tandems and at all end offices except those end offices identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, as not having the capability to provide Direct Trunked Transport. Direct Trunked Transport is not available: (1) from end offices that provide equal access through a Centralized Equal Access arrangement, or (2) from end offices that lack recording or measurement capability. (C) (C) (M) (M)

Normally, Direct Trunked Transport of originating 800 series calls from an end office is available only from Service Switching Point (SSP) equipped end offices. However, certain SSP equipped end offices cannot accommodate the direct trunking of the 800 series (other than the 800 service access code) service access code. These end offices are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. NO. 4. Additionally, certain non-SSP equipped end offices can accommodate direct trunking of originating 800 series calls. These end offices are also identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. NO. 4.

Certain material currently found on this page previously appeared on 6th Revised Page 6-7.1.

ACCESS SERVICE (N)

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd) (N)

Unless otherwise ordered by the F.C.C., where the Telephone Company elects to provide equal access through a Centralized Equal Access arrangement, the Telephone Company will designate the serving wire center. The designated SWC will normally be that wire center which provides dial tone to the telephone company Centralized Equal Access tandem office identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. When service is provided in cooperation with a non telephone company provider of Centralized Equal Access, the SWC will be that wire center which would normally provide dial tone to the telephone company point of interconnection with the non telephone company provider of Centralized Equal Access specified in the tariff of the Centralized Equal Access provider. Those Telephone Company offices providing equal access through centralized arrangements are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. (M) (M)

Certain material currently found on this page previously appeared on 1st Revised Page 6-7.2.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

Local Transport is provided at the rates and charges set forth in Section 17.2, following. (T)
The application of these rates with respect to individual Feature Groups is as set forth in Section 6.4.1(C), following. When (T)
more than one Telephone Company is involved in providing the Switched Access Service, the Local Transport rates are applied as set forth in Section 2.4.7, preceding. (T)

The Local Transport rate category includes the (T)
following elements as described below: (C)
(1) Entrance Facility, (2) Direct Trunked Transport, (3) Tandem Switched Transport, (T)
(4) Multiplexing, (5) Add/Drop Multiplexing, (C)
(6) Customer Node, (7) Interface Groups, |
(8) Nonchargeable Optional Features and |
(9) Chargeable Optional Features. (C)

(1) Entrance Facility

The Entrance Facility recovers a portion of the costs associated with a communications path between a customer designated premises and the serving wire center of that premises. Included as part of the Entrance Facility is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the customer designated premises and the type of signaling capability, if any.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(1) Entrance Facility (Cont'd)

Eight types of Entrance Facility are available: (C)

- Voice Grade 2 or 4 wire – an analog channel with an approximate bandwidth of 300 to 3000 Hz;
- High Capacity DS1 – an isochronous serial digital channel with a rate of 1.544 Mbps;
- High Capacity DS3 – an isochronous serial digital channel with a rate of 44.736 Mbps;
- Synchronous Optical Channel OC3 – a synchronous optical channel with a rate of 155.52 Mbps;
- Synchronous Optical Channel OC12 – a synchronous optical channel with a rate of 622.08 Mbps; (T)
- ESALT 2 Mbps – an Ethernet packet based channel with a rate of 2 Mbps; (N)
- ESALT 10 Mbps – an Ethernet packet based channel with a rate of 10 Mbps;
- ESALT 50 Mbps – an Ethernet packet based channel with a rate of 50 Mbps. (N)

Certain material previously found on this page now appears on 2nd Revised Page 6-8.1.1.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(1) Entrance Facility (Cont'd)

The minimum period for which a High Capacity DS3, Synchronous Optical Channel, or Ethernet Switched Access Local Transport Entrance Facility is provided is twelve months. (M) (T) (C) (C) (M)

One charge applies for each Entrance Facility that is terminated at a customer designated premises. This charge specified in Section 17.2.2, following, will apply even if the customer designated premises and the serving wire center are collocated in a Telephone Company building, except as provided for below. (M) (M)

The Entrance Facility charge specified in Section 17.2.2, following, will not apply when: 1) the customer designated premises and serving wire center are physically (including caged, cageless, shared and adjacent arrangements) or virtually collocated as those terms are used in 47 C.F.R. § 51.323 and (2) the customer obtains such collocation for the purpose of interconnection with the Telephone Company's network for the transmission and routing of telephone exchange service, exchange access or both, and for the purpose of providing local exchange or exchange access services to its customers.

Certain material currently found on this page previously appeared on 8th Revised Page 6-8.1.

Certain material previously found on this page now appears on Original Page 6-8.1.2.

ACCESS SERVICE (N)

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(1) Entrance Facility (Cont'd) (N)

The Telephone Company specific rate band assignment for the Entrance Facility rate element is specified in the Local Transport (LT) column in Section 17.5.1, following. (M)

A customer's Local Transport may be connected to the Entrance Facility of another customer, providing the other customer submits a Letter of Authorization for this connection and assumes full responsibility for the cost of the Entrance Facility. (M)

Certain material currently found on this page previously appeared on 1st Revised Page 6-8.1.1.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(2) Direct Trunked Transport

The Direct Trunked Transport rate elements recover a portion of the cost associated with a communications path or circuits dedicated to the use of a single customer between:

- the serving wire center and an end office,
- the serving wire center and a tandem,
- the serving wire center and a hub,
- a hub and an end office,
- the serving wire center and an ADM equipped wire center where add/drop multiplexing functions are performed,
- an ADM equipped wire center and an end office.

Except as specified above for High Capacity DS3, Synchronous Optical Channel and Ethernet Switched Access Local Transport, Direct Trunked Transport is available at all tandems and to all end offices except those end offices identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION as not having the capability to provide Direct Trunked Transport. (C) (C)

Direct Trunked Transport is not available: (1) from end offices that provide equal access through a Centralized Equal Access arrangement or (2) from end offices that lack recording or measurement capability.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(2) Direct Trunked Transport (Cont'd)

Normally, Direct Trunked Transport of originating 800 series calls from an end office is available only from Service Switching Point (SSP) equipped end offices. However, certain SSP equipped end offices cannot accommodate the direct trunking of the 800 series (other than the 800 service access code) service access code. These end offices are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. NO. 4. Additionally, certain non-SSP equipped end offices can accommodate direct trunking of originating 800 series calls. These end offices are also identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. NO. 4.

Certain material previously found on this page now appears on 1st Revised Page 6-8.3.1.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(2) Direct Trunked Transport (Cont'd)

Eight types of Direct Trunked Transport are available: (C)(M)

- Voice Grade 2 or 4 wire – an analog channel with an approximate bandwidth of 300 to 3000 Hz;
- High Capacity DS1 – an isochronous serial digital channel with a rate of 1.544 Mbps;
- High Capacity DS3 – an isochronous serial digital channel with a rate of 44.736 Mbps;
- Synchronous Optical Channel OC3 – a synchronous optical channel with a rate of 155.52 Mbps;
- Synchronous Optical Channel OC12 – a synchronous optical channel with a rate of 622.08 Mbps; (T)(M)
- ESALT 2 Mbps – an Ethernet packet (N)
- based channel with a rate of 2 Mbps;
- ESALT 10 Mbps – an Ethernet packet based channel with a rate of 10 Mbps;
- ESALT 50 Mbps – an Ethernet packet based channel with a rate of 50 Mbps. (N)

Certain material currently found on this page previously appeared on 5th Revised Page 6-8.3.

Certain material previously found on this page now appears on Original Page 6-8.3.2.

ACCESS SERVICE (N)

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(2) Direct Trunked Transport (Cont'd) (N)

High Capacity DS3 Direct Trunked Transport can not be terminated at end offices that are not identified as hub offices that provide DS3 to DS1 multiplexing. (M)

Synchronous Optical Channel Service OC3 or OC12 Direct Trunked Transport can not be terminated at end offices that are not identified as ADM equipped wire centers that provide OC3 to DS1 or OC12 to OC3 Add/Drop Multiplexing. (M)

ESALT 2 Mbps, 10 Mbps or 50 Mbps Direct Trunked Transport can not be terminated at end offices, host offices or tandem offices that are not identified as ESALT-equipped wire centers in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION. (N)

Additionally, DS1 Direct Trunked Transport can not be terminated at end offices that are not identified as hub offices that provide DS1 to Voice Grade multiplexing or are not electronic end offices.

Offices that provide multiplexing and add/drop multiplexing functions are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

Certain material currently found on this page previously appeared on Original Page 6-8.3.1.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(2) Direct Trunked Transport (Cont'd)

Except as specified below for ESALT, Direct Trunked Transport rates consist of a Direct Trunked Facility rate specified in Section 17.2.2, following, which is applied on a per mile basis, and a Direct Trunked Termination rate, which is applied at each end of each measured segment of the Direct Trunked Facility (e.g., at the end office, tandem, hub, ADM equipped wire center, and serving wire center). (C)

Direct Trunked Transport rates for ESALT consist of: 1) an ESALT Direct Trunked Facility (DTF) rate specified in Section 17.2, following, which is applied on a per facility basis based on the capacity ordered by the customer (i.e., 2 Mbps, 10 Mbps or 50 Mbps)and on whether the ESALT DTF is provided entirely within the Telephone Company’s operating territory or jointly provided with another telephone company to a serving wire center located outside of the Telephone Company’s operating territory and 2) an ESALT Direct Trunked Termination (DTT) rate specified in Section 17.2, following, which is applied at each end of the ESALT DTF (i.e., at the serving wire center serving the customer’s designated premises and (N)

Certain material previously found on this page now appears on Original Page 6-8.4.2 and Original Page 6-8.4.3.

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(2) Direct Trunked Transport (Cont'd)

either the end office, host office, or tandem office) at the same capacity as the capacity of the associated ESALT Direct Trunked Facility segment.

The type of ESALT Direct Trunked Facility required will depend upon the configuration of the customer's service as follows:

- ESALT DTF-E1 is required when the ESALT SWC and SWC serving the customer designated premises are located within the Telephone Company's operating territory.

- ESALT DTF-E2 is required when the customer designated premises is located outside of the Telephone Company's operating territory in an adjacent operating territory and the ESALT is jointly provided with another telephone company. (N)

ACCESS SERVICE (N)

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(2) Direct Trunked Transport (Cont'd)

- ESALT DTF-E3 is required when the customer designated premises is located outside of the Telephone Company's operating territory in a non-adjacent operating territory where the airline distance between the ESALT SWC and SWC serving the customer designated premises is 50 airline miles or less and the ESALT is jointly provided with another telephone company.

- ESALT DTF-E4 is required when the customer designated premises is located outside of the Telephone Company's operating territory in a non-adjacent operating territory where the airline distance between the ESALT SWC and SWC serving the customer designated premises is between 51 and 75 airline miles and the ESALT is jointly provided with another telephone company. When the customer designated premises is located in a non-adjacent operating territory, ESALT is not available when the airline distance between the SWC serving the customer designated premises and the ESALT SWC is greater than 75 airline miles. (N)

ACCESS SERVICE (N)

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(2) Direct Trunked Transport (Cont'd) (N)

When the Direct Trunked Facility mileage is zero, neither the Direct Trunked Facility rate nor the Direct Trunked Termination rate will apply. (M)

The Direct Trunked Facility rate recovers a portion of the costs of transmission facilities, including intermediate transmission network equipment, between the end points of the interoffice facilities. (C) (M) (C)

The Direct Trunked Termination rate specified in Section 17.2.2, following, recovers a portion of the costs of the network equipment that is necessary for the termination of each end of the Direct Trunked Facility. (M) (C)

The Telephone Company specific rate band assignment for the Direct Trunked Transport rate elements is specified in the Local Transport (LT) column in Section 17.5.1, following. (T)

The minimum period for which High Capacity DS3, Synchronous Optical Channel, or or Ethernet Switched Access Local Transport Direct Trunked Transport is provided is twelve months. (T) (C) (C) (M)

Certain material currently found on this page previously appeared on 9th Revised Page 6-8.4.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(3) Tandem Switched Transport

The Tandem Switched Transport rate elements recover a portion of the costs associated with a communications path between a tandem and an end office on circuits that are switched at a tandem switch.

Tandem Switched Transport rates consist of a Tandem Switching rate, a Tandem Switched Facility rate, and a Tandem Switched Termination rate.

In those instances where an SSP equipped end office is capable of handling 800 traffic on a direct trunked basis but incapable of handling 800 series (other than the 800 service access code) traffic on a direct trunked basis, a full credit will be provided for tandem switched transport charges associated with FGC and FGD service for 888 traffic delivered at the tandem. This results in all 800 series traffic being rated as direct trunked transport regardless of whether the SSP equipped end office is capable of handling 800 series (other than the 800 service access code) traffic on a direct trunked basis. Those SSP equipped end offices that cannot accommodate direct trunking of originating 800 series (other than the 800 service access code) traffic are identified in NECA TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

(a) The Tandem Switching rate recovers a portion of the costs of switching traffic through an access tandem. The Tandem Switching rate specified in 17.2.2 following is applied on a per access minute per tandem basis for all originating and all terminating minutes of use switched at the tandem. Tandem locations are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(3) Tandem Switched Transport (Cont'd)

(b) The Tandem Switched Facility rate recovers a portion of the costs of transmission facilities, including intermediate transmission circuit equipment, between the end points of interoffice circuits. The Tandem Switched Facility rate specified in 17.2.2 following is applied on a per access minute per mile basis for all originating and terminating minutes of use routed over the facility.

(c) The Tandem Switched Termination rate recovers a portion of the costs of circuit equipment necessary for the termination of each end of each measured segment of the Tandem Switched Facility. The Tandem Switched Termination rate specified in 17.2.2 following is applied on a per access minute basis (for all originating and terminating minutes of use routed over the facility) at each end of each measured segment of Tandem Switched Facility (e.g., at the end office, Feature Group A dial tone office, host office and the access tandem). When the Tandem Switched Facility mileage is zero, neither the Tandem Switched Facility rate nor the Tandem Switched Termination rate will apply.

The Telephone Company specific rate band assignment for the Tandem Switched Transport rate elements is specified in the Tandem Switched Transport (TST) column in Section 17.5.1, following. (C) (C)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(4) Multiplexing (T)

Multiplexing provides an arrangement for converting a single, higher capacity or bandwidth circuit to several lower capacity or bandwidth circuits.

When a derived channel is itself multiplexed to derive additional channels with a lesser capacity, this is referred to as cascade multiplexing. When cascade multiplexing occurs, a charge for the additional multiplexing function applies. When cascade multiplexing is performed at different hubbing locations, Direct Trunked Transport charges also apply between the hubs.

Multiplexing is only available at wire centers identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF NO. 4, WIRE CENTER INFORMATION.

The following multiplexing arrangements are offered for use with Switched Access Service.

(a) DS3 to DS1 Multiplexing charges specified in Section 17.2.2, following, apply when a High Capacity DS3 Entrance Facility or High Capacity DS3 Direct Trunked Transport is connected with High Capacity DS1 Direct Trunked Transport. The Telephone Company specific rate band assignment for the DS3 to DS1 Multiplexing rate element is specified in the Local Transport (LT) column in Section 17.5.1, following. The DS3 to DS1 multiplexer will convert a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(4) Multiplexing (Cont'd) (T)

(b) DS1 to Voice Grade Multiplexing charges specified in Section 17.2.2, following, apply when a High Capacity DS1 Entrance Facility or High Capacity DS1 Direct Trunked Transport is connected with Voice Grade Direct Trunked Transport. However, a DS1 to Voice Grade Multiplexing Charge does not apply when a High Capacity DS1 Entrance Facility or High Capacity DS1 Direct Trunked Transport is terminated at an electronic end office and only Switched Access Service is provided over the DS1 facility (i.e., Voice Grade Special Access channels are not derived). The Telephone Company specific rate band assignment for the DS1 to Voice Grade Multiplexing rate element is specified in the Local Transport (LT) column in Section 17.5.1, following. The DS1 to Voice Grade multiplexer will convert a 1.544 Mbps channel to 24 Voice Grade channels.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(5) Add/Drop Multiplexing (T)

Add/Drop Multiplexing provides a type of multiplexing function in connection with Synchronous Optical Channel Service that allows lower level signals to be added or dropped from a high speed optical carrier channel within a Telephone Company wire center.

The Add/Drop Multiplexing Central Office Port charge specified in Section 17.2.2, following, applies to the interface provided at a Telephone Company wire center for the purpose of adding or dropping lower capacity services from Synchronous Optical Channel Entrance Facilities or Direct Trunked Transport. Central Office Ports are available at the following speeds:

Central Office Port	Speed
OC3	155.52 Mbps
DS3	44.736 Mbps
DS1	1.544 Mbps

The Telephone Company specific rate band assignment for the Add/Drop Multiplexing rate element is specified in the Local Transport (LT) column in Section 17.5.1, following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(5) Add/Drop Multiplexing (Cont'd) (T)

OC12 service may only be multiplexed to OC3 channels.

When an OC3 channel is derived from an OC12 service and is further multiplexed to obtain DS3 service, a DS3 port charge will apply in addition to the OC3 port charge.

When a DS3 channel is derived from an OC3 service and is further multiplexed to obtain DS1 service, a DS3 to DS1 Multiplexing charge will apply in addition to the DS3 port charge.

When a DS1 channel is directly derived from an OC3 service, a DS1 port charge will apply.

When a DS1 channel is further multiplexed to a lower level signal, a DS1 to Voice Grade Multiplexing charge will also apply.

Add/Drop Multiplexing is only available at wire centers identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 WIRE CENTER INFORMATION.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(6) Customer Node (T)

A Customer Node charge specified in Section 17.2.2, following, applies when the Telephone Company provides terminal equipment at the customer designated premises for termination of a Synchronous Optical Channel Entrance Facility. Such equipment may be used to convert the signal from an optical to electrical format. The Customer Node charge is determined by the level of optical service (i.e., OC3 or OC12) delivered to the premises. Each Customer Node must be configured with one or more Customer Premises Ports.

Customer Premises Port charges specified in Section 17.2.2, following, apply in conjunction with the Customer Node charge. Each Customer Premises Port provides the interface to derive a lower capacity service at the customer premises. The type and quantity of ports is determined by the customer and is based on the type of Customer Node selected and the number of DS1, DS3, STS-1 and/or OC3 channels ordered. Customer Premises Ports are available at the following speeds:

Customer Premises Port	Speed
OC3	155.52 Mbps
STS-1	51.84 Mbps
DS3	44.736 Mbps
DS1	1.544 Mbps

The Telephone Company specific rate band assignment for the Customer Node and Customer Premises Port rate elements is specified in the Local Transport (LT) column in Section 17.5.1, following.

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(7) Interface Groups (T)

Ten Interface Groups are provided for terminating the Entrance Facility at the customer's designated premises. Technical specifications concerning the available interface groups are set forth in Section 15.1, following.

(8) Nonchargeable Optional Features (T)

Where transmission facilities permit, the individual transmission path between the customer's designated premises and the first point of switching, may at the option of the customer, be provided with the following optional features as set forth and described in Section 15.1.1(E), following.

- Supervisory Signaling
- Customer Specified Entry Switch Receive Level
- Customer Specification of Local Transport Termination
- 64 Clear Channel Capability

In addition to the above, Shared SONET Interoffice Ring Transport (SSRIT) is available as a nonchargeable optional feature with High Capacity DS3 or Synchronous Optical Channel Local Transport service from wire centers identified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION. The SSRIT feature is set forth and described in Sections 7.10.3(E) and 7.11.3(C), following.

When a customer subscribes to Common Channel Signaling (SS7) Network Connection Service (CCSNC Service), the following optional features are made available and are described in Section 6.10.1, following.

- Signaling System 7 (SS7) Signaling
- Calling Party Number
- Carrier Selection Parameter
- Charge Number Parameter
- Carrier Identification Parameter

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(9) Chargeable Optional Features (T)

Common Channel Signaling, Signaling System 7 (CCS/SS7) Network Connection (CCSNC) Service provides a signaling path between a customer's designated Signaling Point of Interface (SPOI) and a Telephone Company's Signaling Transfer Point (STP). CCSNC is provided as set forth in Section 6.10.3, following.

800 Data Base Access Service is provided to all customers in conjunction with FGC and FGD switched access service. A Basic or Vertical Feature Query charge, as set forth in Section 17.2.2 (B), following, is assessed for each completed query returned from the 800 data base whether or not the actual call is delivered to the customer. The query is considered completed when the appropriate call routing information is returned to the Service Switching Point (SSP) that launched the query. The Basic Query provides the identification of the customer to whom the call will be delivered and includes area of service routing which allows routing of 800 series calls by telephone companies to different interexchange carriers based on the Local Access Transport Area (LATA) in which the call originates. The Vertical Feature Query provides this same customer identification function in addition to vertical features which may include: (1) call validation (ensuring that calls originate from subscribed service areas);

ACCESS SERVICE (N)

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(9) Chargeable Optional Features (Cont'd) (N)

(2) POTS translation of 800 series numbers (which is generally necessary for the routing of 800 series calls); (3) alternate POTS translation (which allows subscribers to vary the routing of 800 series calls based on factors such as time of day, place of origination of the call, etc.); and (4) multiple carrier routing (which allows subscribers to route to different carriers based on factors similar to those in (3)). (M) (M)

When ordered for use with ESALT Direct Trunked Facility provided entirely within the Telephone Company's operating territory, the ESALT Real Time Class of Service/Quality of Service (RT CoS/QoS) option provides service performance commitments on transmissions using the Telephone Company's Ethernet local transport network. ESALT RT CoS/QoS is provided as set forth in Section 6.10.3(E), following. (N)

When ordered for use with ESALT Entrance Facility, the ESALT Entrance Facility Protection (ESALT EFP) option provides backup protection using the Telephone Company's Ethernet local transport network. ESALT EFP is provided as set forth in Section 6.10.3(F), following. (N)

Certain material currently found on this page previously appeared on 7th Revised Page 6-13.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(B) End Office

The End Office rate category establishes the charges related to the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The End Office rate category includes the Local Switching and Information Surcharge rate elements. Directory Assistance Service is set forth in Section 9, following.

(1) Local Switching

The Local Switching rate element establishes the charges related to the use of end office switching equipment, the terminations in the end office of end user lines, the terminations of calls at Telephone Company Intercept Operators or recordings, the STP costs, and the SS7 signaling function between the end office and the Signaling Transfer Point.

Certain material previously found on this page now appears on Original Page 6-12.1.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

Local Switching does not apply to Feature Groups B and D Switched Access Services associated with Wireless Switching Center (WSCs) directly interconnected to a Telephone Company access tandem office.

Where end offices are appropriately equipped, international dialing may be provided as a capability associated with Local Switching which provides local dial switching for Feature Groups C and D. International dialing provides the capability of switching international calls with service prefix and address codes having more digits than are capable of being switched through a standard FGC or FGD equipped end office.

Rates for Local Switching are set forth in Section 17.2.3, following. The application of these rates with respect to individual Feature Groups is as set forth in Section 6.4.1(C), following. (T)

The Telephone Company specific rate band assignment for the Local Switching rate element is specified in Section 17.5.1, following. (T)

There are four types of functions included in the Local Switching rate element: Common Switching, Transport Termination, Line Termination and Intercept. These are described in (a) through (d) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

(a) Common Switching

Common Switching provides the local end office switching functions associated with the various access (i.e., Feature Group) switching arrangements. The Common Switching arrangements provided for the various Feature Group arrangements are described in 6.5 through 6.9 following.

Included as part of Common Switching are various nonchargeable optional features which the customer can order to meet the customer's specific communications requirements. These optional features are described in 6.10.1 following.

(b) Transport Termination

Transport Termination functions provide for the line or trunk side arrangements which terminate the Local Transport facilities. Included as part of these functions are various nonchargeable optional termination arrangements. These optional terminating arrangements are described in 6.10.2 following.

The number of Transport Terminations provided will be determined by the Telephone Company as set forth in 6.2.5 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

(c) Line Termination

Line Termination provides for the terminations of end user lines in the local end office. There are two types of Line Terminations, i.e., Common Line Terminations and Special Access Service Terminations utilized in the provision of WATS or WATS-type services at Telephone Company designated WATS Serving Offices.

The above Special Access Service Terminations are differentiated by line side vs. trunk side terminations. In addition, there are various types of originating and terminating line side terminations depending on the type of signaling associated with the Special Access Service. Line side terminations are available with either dial pulse or dual tone multifrequency address signaling.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

(d) Intercept

The Intercept function provides for the termination of a call at a Telephone Company Intercept operator or recording. The operator or recording tells a caller why a call, as dialed, could not be completed, and if possible, provides the correct number.

(2) Information Surcharge

Information Surcharge rates are assessed to a customer based on the total number of access minutes. Information Surcharge rates are as set forth in 17.2.3(B) following. The application of these rates with respect to individual Feature Groups is as set forth in 6.4.1(C) following.

The Information Surcharge does not apply to Feature Groups B and D Switched Access Services associated with Wireless Switching Centers (WSCs) directly interconnected to a Telephone Company access tandem office.

The number of end office switching transmission paths will be determined as set forth in 6.2.5 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(C) Chargeable Optional Features

Where facilities permit, the Telephone Company will, at the option of the customer, provide the following chargeable optional features.

(1) Interim NXX Translation

The Interim NXX Translation rate element provides for customer identification of non-data base services when calls are directed by end users in the 1+SAC+NXX-XXXX (e.g., 1+900+NXX-XXXX) format. The NXX codes are assigned to specific customers in conformance with the North American Numbering Plan (NANP). NXX code assignment(s) will be made by the NANP Coordinator. The Telephone Company will use the NXX code to identify the customer to whose point of termination the traffic is to be delivered, (i.e., at appropriately equipped electronic end offices, access tandems or through contracted arrangements with other parties.) It is then the responsibility of the customer to do any further translation the customer deems necessary to route the call. Customer assigned NXX codes which have not been ordered will be blocked.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(C) Chargeable Optional Features (Cont'd)

(1) Interim NXX Translation (Cont'd)

A nonrecurring charge, as set forth in 17.2.1 following, is associated with this optional feature. This nonrecurring charge is assessed by the Telephone Company on a per order, per LATA or Market Area basis and is applied in lieu of the Access Order Charge specified in 17.4.1(A) following. The nonrecurring charge is assessed only by the Telephone Company that provides the final translation function. A Telephone Company is said to have provided the final Interim NXX Translation when its translation identifies the customer's traffic and this traffic is then delivered to the customer's point of termination without any further translation. The description and application of this charge with respect to Feature Group C and Feature Group D is as set forth in 6.4.1(B)(2) and 6.4.1(C)(2) following.

(2) Operator Transfer Services

Operator Transfer Service may be provided with Feature Group C or Feature Group D Switched Access Service at Telephone Company designated Operator Services location. Operator Transfer Service is an originating service. The rate is assessed per 0- call transferred to a customer's operator. An 0- call is considered transferred when the Telephone Company Operator activates the switch transferring the call to the designated customer and the customer acknowledges receipt.

In addition to the Operator Transfer Service charge described above and in 6.10.3(B) following, Feature Group C or Feature Group D Switched Access rates and charges as set forth in 6.4.1(B)(1) and 6.4.1(C) following will apply per minute of use for Operator Transfer Service. (C) (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(C) Chargeable Optional Features (Cont'd)

(2) Operator Transfer Services (Cont'd)

Operator Transfer Service charges, provided for in this tariff, are applied only to those calls actually transferred by the Telephone Company to the customer's operator.

(3) 800 Data Base Access Service

800 Data Base Access Service is provided to all customers in conjunction with FGC and FGD switched access service. When a 1+800 series+NXX-XXXX call is originated by an end user, the Telephone Company will utilize the Signaling System 7 (SS7) network to query an 800 data base to identify the customer to whom the call will be delivered and provide vertical features based on the dialed ten digits. The call will then be routed to the identified customer over FGC or FGD switched access. The 800 series includes the following service access codes: 800, 888, 877, 866, 855, 844, 833 and 822.

Certain material formerly found on this page now appears on 6th Revised Page 6-18.2.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(C) Chargeable Optional Features (Cont'd)

(3) 800 Data Base Access Service (Cont'd)

A Basic or Vertical Feature Query charge, as set forth in 17.2.2(B) following, is assessed for each completed query returned from the data base identifying the customer to whom the call will be delivered whether or not the actual call is delivered to the customer. The query is considered completed when the appropriate call routing information is returned to the Service Switching Point (SSP) that launched the query. The Basic Query provides the identification of the customer to whom the call will be delivered and includes area of service routing which allows routing of 800 series calls by telephone companies to different interexchange carriers based on the Local Access Transport Area (LATA) in which the call originates. The Vertical Feature Query provides the same customer identification as the basic query and vertical features which may include: (1) call validation, (ensuring that calls originate from subscribed service areas); (2) POTS translation of 800 series numbers; (3) alternate POTS translation (which allows subscribers to vary the routing of 800 series calls based on factors such as time of day, place or origination of the call, etc.); and (4) multiple carrier routing (which allows subscribers to route to different carriers based on factors similar to those in (3)). (M)

The description and application of this charge with respect to Feature Group C or Feature Group D is as set forth in 6.4.1(C)(2) and 6.4.1(C)(8) following.

Certain material currently found on this page previously appeared on 4th Revised Page 6-18.1.

6. Switched Access Service (Cont'd)

(D)

(D)

6.1.4 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are set forth in Section 11, following. (T)

6.1.5 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

6.2 Undertaking of the Telephone Company

In addition to the obligations of the Telephone Company set forth in Section 2, preceding, the Telephone Company has certain other obligations concerning only the provision of Switched Access Service. These obligations are as follows: (T)

6.2.1 Network Management

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Undertaking of the Telephone Company (Cont'd)

6.2.1 Network Management (Cont'd)

customers are able to establish connections with little or no delay encountered within the Telephone Company network. The Telephone Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in 2.4.4(B)(3) preceding.

6.2.2 Transmission Specifications

Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Feature Group, the Interface Group and whether the service is directly routed or via an access tandem. The available transmission specifications are set forth in 15.1.2 following. Data Transmission Parameters are also provided with each Switched Access Service transmission path. The Telephone Company will, upon notification by the customer that the data parameters set forth in 15.1.3 following are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.

The Telephone Company will maintain existing transmission specifications on functioning service configurations installed prior to May 25, 1984, except that service configurations having performance specifications exceeding the standards set forth in 15.1.2 following will be maintained at the performance levels specified.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Undertaking of the Telephone Company (Cont'd)

6.2.2 Transmission Specifications (Cont'd)

The transmission specifications concerning Switched Access Service are limits which, when exceeded, may require the immediate corrective action of the Telephone Company. The transmission specifications are set forth in 15.1.2 following. Acceptance limits are set forth in Technical Reference GR-334-CORE. This Technical Reference also provides the basis for determining Switched Access Service maintenance limits.

Feature Group C and Feature Group D trunks equipped for Operator Transfer Service are subject to Feature Group C and Feature Group D transmission specifications, respectively, unless otherwise specified.

6.2.3 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines, may also be made available to the customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., customer equipment blockage, failure results and transmission performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

6.2.4 Testing

(A) Acceptance Testing

At no additional charge the Telephone Company will, at the customer's request, cooperatively test at the time of installation, the following parameters: loss, C-notched noise, C-message noise, 3-tone slope, d.c. continuity and operational signaling. When the Local Transport is provided with Interface Groups 2 through 10, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Undertaking of the Telephone Company (Cont'd)

6.2.4 Testing (Cont'd)

(B) Routine Testing

At no additional charge, the Telephone Company will, at the customer's request, test after installation on an automatic or manual basis, 1004 Hz loss, C-message noise and Balance (Improved Return loss).

In the case of automatic testing, the customer shall provide remote office test lines and 105 test lines with associated responders or their functional equivalent.

The frequency of these tests will be that which is mutually agreed upon by the customer and the Telephone Company, but shall consist of not less than quarterly 1004 Hz Loss and C-message noise tests and an annual Balance test. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.

Additional tests may be ordered as set forth in 13.3.1 following. Charges for these additional tests are set forth in 17.4.4 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Undertaking of the Telephone Company (Cont'd)

6.2.5 Determination of Number of Transmission Paths

For Feature Groups A and B, which are ordered on a per line or per trunk basis respectively, and Feature Groups C and D when ordered on a per trunk basis the customer specifies the type of transport facilities and the number of channels in the order for service.

For Tandem Switched Transport, the Telephone Company will determine the number of Switched Access Service transmission paths to be provided for the Switched Access Feature Group C and D busy hour minutes of capacity ordered. The number of transmission paths will be developed using the total busy hour minutes of capacity by type (as described in Section 6.1.1(B), preceding) for the end offices for each Feature Group ordered from a customer's designated premises or from an IPG SWC when the customer uses Feature Group D in conjunction with IPG as described in Section 16.4, following. The total busy hour minutes of capacity by type (e.g., originating, terminating, IDDD, Operator) for the end office will be converted to transmission paths using standard Telephone Company traffic engineering methods. The number of transmission paths provided shall be the number required based on (1) the use of access tandem switches and end office switches, (2) the use of the end office switches only, or (3) the use of the tandem switches only. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Undertaking of the Telephone Company (Cont'd)

6.2.6 Trunk Group Measurement Reports

Subject to availability, the Telephone Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the customer based on previously agreed to intervals.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Obligations of the Customer

In addition to the obligations of the customer set forth in Section 2. preceding, the customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

6.3.1 Report Requirements

Customers are responsible for providing the following reports to the Telephone Company, when applicable.

(A) Jurisdictional Reports

When a customer orders Switched Access Service for both interstate and intrastate use, the customer is responsible for providing reports as set forth in 2.3.11 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the interstate charges is set forth in 2.3.12 preceding.

(B) Code Screening Reports

When a customer orders service class routing, trunk access limitation or call gapping arrangements, it must report the number of trunks and/or the appropriate codes to be instituted in each end office or access tandem switch, for each of the arrangements ordered.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Obligations of the Customer (Cont'd)

6.3.2 Trunk Group Measurement Reports

With the agreement of the customer, trunk group data in the form of usage in CCS, peg count and overflow for its end of all access trunk groups, where technologically feasible, will be made available to the Telephone Company. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

6.3.3 Supervisory Signaling

The customer's facilities shall provide the necessary on-hook, off-hook, answer and disconnect supervision.

6.3.4 Short Duration Mass Calling Requirements

When a customer offers service for which a substantial call volume is expected during a short period of time (e.g., 900 service media stimulated events), the customer must notify the Telephone Company at least 48 hours in advance of each peak period. Notification should include the nature, time, duration, and frequency of the event, an estimated call volume, and the telephone number(s) to be used.

On the basis of the information provided, the telephone Company may invoke network management controls, (e.g., call gapping and code blocking) to reduce the probability of excessive network congestion. The Telephone Company will work cooperatively with the customer to determine the appropriate level of such control.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Obligations of the Customer (Cont'd)

6.3.5 Call Signaling

Depending on the signaling system used by the customer in its network, the customer's facilities shall transmit the following call signaling information to the Telephone Company on traffic the customer's end users originate which is handed off for termination on the Telephone Company's network.

(A) Signaling System 7 (SS7) Signaling

When the customer uses SS7 signaling, it will tranmsit the Calling Party Number (CPN) or, if different from the CPN, the Charge Number (CN) information in the SS7 signaling stream.

(B) Multi-Frequency (MF) Signaling

When the customer uses MF signaling, it will transmit the number of the calling party or, if different from the number of the calling party, the Charge Number (CN) information in the MF Automatic Number Identification (ANI) field.

(C) Internet Protocol (IP) Signaling

When the customer uses IP signaling, it will transmit the telephone number of the calling party or, if different from the telephone number, the billing number of the calling party.

When the customer uses IP signaling in conjunction with ESALT, it will transmit call signaling data that must either: 1) conform to an active 10-digit North American Numbering Plan or directory number which is associated with the geographic location of the originating calling party (i.e., Calling Party Number and/or Automatic Number Identification) or 2) represent IP equivalent call signaling that is mutually agreed upon by the customer and Telephone Company at the time the customer places its order for ESALT. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Switched Access Service.

6.4.1 Description and Application of Rates and Charges

There are two types of rates and charges that apply to Switched Access Service; recurring (usage and flat rates) and nonrecurring charges. These rates and charges are applied differently to the various rate elements as set forth in (C) following.

(A) Recurring Rates

(1) Usage Rates for Switched Access Service are rates that apply on a per access minute or a per call basis. Access minute charges and per call charges are accumulated over a monthly period.

(2) Flat Rates for Switched Access Service are rates that apply on a per month per rate element basis.

(B) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service, Interim NXX Translation optional feature, and service rearrangements. These charges, with the exception of the Interim NXX Translation optional feature, are in addition to the Access Order Charge as specified in 17.4.1(A) following.

(1) Installation of Service

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(B) Nonrecurring Charges (Cont'd)

(1) Installation of Service (Cont'd)

For Entrance Facilities, a Local Transport nonrecurring installation charge, as set forth in Section 17.2.1(A), following, will be applied at the serving wire center for each Entrance Facility installed. (T)

Except as specified below for ESALT, when Direct Trunked Transport is ordered to the end office, a Local Transport nonrecurring trunk activation charge, as set forth in Section 17.2.1 (E), following, will be applied at the end office on a per order basis for each group of 24 Direct Trunked Transport trunks or fraction thereof that is activated at the end office. (C) (C) (T)

Except as specified below for ESALT, when Direct Trunked Transport is ordered to the access tandem, a Local Transport nonrecurring trunk activation charge, as set forth in Section 17.2.1(E),following, will be applied at the access tandem on a per order basis for each group of 24 Direct Trunked Transport trunks or fraction thereof that is activated at the access tandem. (C) (C) (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(B) Nonrecurring Charges (Cont'd)

(1) Installation of Service (Cont'd)

A maximum of 24 trunks can be activated on a DS1 facility and a maximum of 672 trunks can be activated on a DS3 facility.

For example, if a customer orders a DS1 Entrance Facility and requests activation of 18 of the available circuits, the customer will be charged one Local Transport High Capacity DS1 Installation nonrecurring charge at the serving wire center and one Direct Trunked Transport Activation nonrecurring charge at the end office. If at a later date the customer requests the activation of three more circuits, the customer will then be charged an additional Direct Trunked Transport Activation nonrecurring charge. These charges are in addition to the Access Order Charge as specified in Section 17.4.1(A), following. (T)

An ESALT Direct Trunked Termination nonrecurring charge, as specified in Section 17.2.1(F), following, will be applied per ESALT Direct Trunked Termination installed. (N) (N)

Certain material previously found on this page now appears on Original Page 6-28.2.

ACCESS SERVICE (N)

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(B) Nonrecurring Charges (Cont'd) (N)

(2) Interim NXX Translation Optional Feature (M)

This nonrecurring charge applies to the initial order for the installation of the Interim NXX Translation optional feature with Feature Group C or Feature Group D Switched Access Service and for each subsequent order received to add or change NXX translation codes. This charge, if applicable, applies whether this optional feature is installed coincident with or at any time subsequent to the installation of Switched Access Services. This charge is applied by the Telephone Company per order, per LATA or Market Area. When it is necessary for multiple telephone companies to provide the translation function, the nonrecurring charge is assessed only by the Telephone Company that provides the final translation function which identifies the customer's traffic and this traffic is then delivered to the customer's point of termination without any further translation. (M)

Certain material currently found on this page previously appeared on 1st Revised Page 6-28.1.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(B) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements

All changes to existing services other than changes involving administrative activities and the off-hook supervisory signaling of FGA Access Services, will be treated as a discontinuance of the existing service and an installation of a new service. The nonrecurring charge described in (1) preceding will apply for this work activity. Moves that change the physical location of the point of termination are described and charged for as set forth in 6.4.4 following.

- If, due to technical limitations of the Telephone Company, a customer could not combine its Interim NXX traffic with its other trunk side Switched Access Services, no charge shall apply to combine these trunk groups when it becomes technically possible.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(B) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

Administrative changes will be made without charge(s) to the customer. Administrative changes are as follows:

- Change of customer name,
- Change of customer or customer's end user premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

Other changes made without charge to the customer are as follows:

- Changes and additions to existing Switched Access Services which are necessary due to Telephone Company initiated network reconfigurations, and required to provide the same grade of service to the customer that existed prior to the reconfiguration. Charges will apply to those changes and additions which are in excess of those required to provide the same grade of service and/or capacity. Grade of service will be as determined by industry standard engineering tables.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and (Cont'd)

(B) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

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6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(B) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(B) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

Changes to the point in time when the off-hook supervisory signal is provided in the originating call sequence i.e., when the off-hook supervisory signal is changed from being provided by the customer's equipment before the called party answers to being forwarded by the customer's equipment when the called party answers or vice versa, are subject to the Access Order Charge as set forth in 17.4.1(A) following.

For additions, changes or modifications to an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.

For additions, changes, or modifications to optional features that do not have their own separate nonrecurring charges, an Access Order Charge as set forth in 17.4.1(A) following will apply (with the exception of the addition of 64 Clear Channel Capability to an existing service). When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

When the 64 Clear Channel Capability optional feature is installed on an existing facility, the addition will be treated as a discontinuance and start of service and all associated non-recurring charges will apply.

For conversion of FGC and FGD trunks from multifrequency address signaling to SS7 signaling or from SS7 signaling to multifrequency address signaling, nonrecurring charges will apply as set forth in 17.2.1(D).

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(B) Nonrecurring Charges (Cont'd)

(C) Application of Rates

Rates are applied either as premium or non-premium rates.

The application of these rates is dependent upon the Feature Group, type of Entrance Facility, type of transport (e.g., Direct Trunked Transport, Tandem Switched Transport, type of Multiplexing) and the availability of equal access capabilities in the end office to which the service is provided.

The following rules provide the basis for applying the rates and charges:

(1) Premium Rates

Premium rates apply to all FGC access minutes when the service is provided to customers which furnish interstate MTS/WATS, to all access minutes that originate or terminate at end offices equipped with equal access (i.e., FGD) capabilities, and to Directory Transport Service. Premium rates also apply to FGB and FGD access minutes that originate or terminate at a Wireless Switching Center (WSC) that is directly connected to a Telephone Company access tandem office. In addition, premium rates apply to FGA and FGB access minutes when utilized in the provision of MTS/WATS service.

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6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(C) Application of Rates (Cont'd)

(1) Premium Rates (Cont'd)

In addition, premium rates always apply to the following Local Transport rate elements:

- Entrance Facility
- Direct Trunked Facility
- Direct Trunked Termination
- Multiplexing
- Tandem Switched Facility
- Tandem Switched Termination
- Tandem Switching

(2) Non-premium Rates

Non-premium rates do not apply to the following Local Transport rate elements:

- Entrance Facility
- Direct Trunked Facility
- Direct Trunked Termination
- Multiplexing
- Tandem Switched Facility
- Tandem Switched Termination
- Tandem Switching

Non-premium rates (i.e., discounted access minute rates) apply to all FGA and FGB access minutes (measured or assumed) originating or terminating in an end office which is not equipped with equal access capabilities. Non-premium rates do not apply to FGA and FGB access minutes when utilized in the provision of MTS/WATS service.

In addition, non-premium rates apply to FGC access minutes originating in an end office which is not equipped with equal access capabilities when the FGC service is used in conjunction with the Interim NXX Translation optional feature or 800 Data Base services by customers who do not furnish interstate MTS/WATS.

Non-premium rates do not apply to FGB ADA access minutes.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(C) Application of Rates (Cont'd)

(3) Abbreviated Dialing Arrangement (ADA)

At end offices that are equipped with equal access capabilities, premium rates apply to all FGB with ADA access minutes.

At end offices that are not equipped with equal access capabilities:

- Premium rates multiplied by the ADA rate factor set forth in 17.2.4 following apply to the following FGB rate elements:

  - Local Switching
  - Information Surcharge

(D)

- Premium rates apply to the following FGB rate elements with ADA access minutes:

  - Entrance Facility
  - Direct Trunked Termination
  - Directed Trunked Facility
  - Tandem Switched Termination
  - Tandem Switched Facility
  - Tandem Switching
  - Multiplexing

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(C) Application of Rates (Cont'd)

(4) Transition Billing Arrangement

When FGA, or FGB Switched Access Service, except as set forth in (1) preceding, provided to an entry switch (i.e., dial tone office for FGA and access tandem for FGB) has usage originating from and/or terminating at both end offices that have been converted to equal access and end offices that have not been converted, the premium and non-premium rates will apply in the following manner:

(a) All access minutes that originate from or terminate at the equal access end office(s) will be billed at premium rates. Access minutes that originate from or terminate at end offices not equipped with equal access capabilities, hereinafter referred to as non-premium access minutes, will continue to be billed at non-premium rates. Non-premium rates will apply as follows depending on the type of service.

(i) For FGA and FGB services, the number of non-premium access minutes to be billed at non-premium rates is derived by subtracting the number of premium rated access minutes from the total number of access minutes.

(ii) Premium access minutes will be determined as set forth in (b) following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(C) Application of Rates (Cont'd)

(4) Transition Billing Arrangement (Cont'd)

(b) The number of access minutes to be rated as premium access minutes is determined as follows:

(i) Where end office specific usage data is available, premium rates apply to the measured access minutes originating from or terminating at the equal access end office(s).

(ii) Where end office specific usage data is not available for originating and/or terminating FGA or FGB, the total originating and/or terminating usage will be measured or assumed usage at the entry switch as set forth respectively in 6.5.4 and 6.6.4 following. Originating and/or terminating usage will then be apportioned between premium and non-premium access minutes.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(C) Application of Rates (Cont'd)

(4) Transition Billing Arrangement (Cont'd)

(b) (Cont'd)

(ii) (Cont'd)

Such apportionment will be based on the ratio of the number of subscriber lines in the access area (i.e., local calling areas for FGA originating minutes, LATA for FGA terminating minutes and end offices subtending the access tandem for FGB minutes) of the first point of switching that are served by equal access end offices to the total number of subscriber lines in that access area. The ratio thus developed is applied to the total measured or assumed originating FGA usage, terminating FGA usage, originating FGB usage or terminating FGB usage, as applicable, to determine the usage to be billed at premium rates, unless adjusted as set forth in (iii) following.

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6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(C) Application of Rates (Cont'd)

(4) Transition Billing Arrangement (Cont'd)

(b) (Cont'd)

(ii) (Cont'd)

The ratios used to calculate the premium usage will be determined on a quarterly basis. The ratios to be used for the succeeding quarter will be provided to the customer with the last bill rendered in the quarter or mailed separately within five working days after the first day of the new quarter (i.e., January, April, July and October).

For purposes of administering this provision: (1) subscriber lines are defined as exchange service lines, Centrex lines and Centrex-type lines provided by the Telephone Company under its local and/or general exchange service tariff; (2) the access area is defined as the local calling area of the dial tone office for originating FGA, the entire LATA for terminating FGA, and all end offices subtending the access tandem for originating and terminating FGB; and (3) the local calling area of the dial tone office is as defined in the Telephone Company's local and/or general exchange service tariff.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(C) Application of Rates (Cont'd)

(4) Transition Billing Arrangement (Cont'd)

(b) (Cont'd)

(iii) Where FGD Switched Access Service is provided to a customer in an end office(s) where that customer's FGA or FGB premium access minutes have been determined in accordance with (ii) preceding, such premium access minutes will be adjusted in the following manner. For each FGD access minute originating from or terminating at that end office, excluding those FGD minutes of use associated with Operator Transfer Service, the originating or terminating FGA or FGB premium access minutes determined as set forth in (ii) preceding will be reduced on a one for one basis, but in no event shall the reduction exceed the total number of FGA or FGB premium access minutes originating from or terminating at that end office. For each FGA or FGB premium minute of use reduction in either the originating or terminating direction, a corresponding originating or terminating non-premium minute of use will be apportioned to those end offices in the access area that are non-equal. Such apportionment will be based upon a ratio of the number of subscriber lines in each non-equal end office to the total subscriber lines that are served by all non-equal end offices in the access area. The customer will be billed for the revised number of premium or non-premium access minutes.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(C) Application of Rates (Cont'd)

(5) Unmeasured FGA and FGB Access Services

Where originating and/or terminating measurement capability does not exist for Feature Group A or Feature Group B Switched Access Services provided to the first point of switching, the number of access minutes that will be assumed are as set forth following in 6.5.4 and 6.6.4 respectively.

(6) Notice of Equal Access Conversion

The Telephone Company will provide written notification to all access customers of record within a particular LATA that an end office in that LATA is scheduled to be converted to an equal access end office. This notification will be sent, via certified U.S. Mail, to each customer of record in the LATA where the conversion is scheduled to occur, at least six months in advance of the conversion date.

The customer will have the choice of converting all or part of the existing services to equal access (i.e., Feature Group D) or retaining the existing services. The conversion of existing services will be at no charge provided the order to convert such services to Feature Group D is received as set forth in 6.4.3 following. Premium rates will apply to the total access minutes beginning on the actual conversion date, whether the customer chooses to convert to FGD or retain existing services.

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6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(C) Application of Rates (Cont'd)

(7) Common Channel Signaling/Signaling System 7 (CCS/SS7) Network Connection Service

The CCS/SS7 Network Connection is comprised of a Signaling Mileage Facility charge, a Signaling Mileage Termination charge, a Signaling Entrance Facility charge, and a Signaling Transfer Point (STP) Port charge.

The Signaling Mileage Facility charge is assessed on a per facility per mile basis. The Signaling Mileage Termination charge is assessed on a per termination basis (i.e., at each end of the Signaling Mileage Facility). When the Signaling Mileage Facility mileage measurement is zero, Signaling Mileage Termination charges do not apply.

The Signaling Entrance Facility charge is assessed on a per facility basis for the connection between the customer's designated premises (Signaling Point of Interface) and the serving wire center of that premises.

The STP Port charge is assessed on a per port basis for each termination of a Signaling Mileage Facility at an STP.

(8) 800 Data Base Access Service

A Basic Query or Vertical Feature Query charge applies for each completed query that is returned from the 800 data base identifying the customer to whom the call will be delivered whether or not the actual call is delivered to the customer. The query is considered completed when the appropriate call routing information is returned to the Service Switching Point (SSP) that launched the query. Query charges, as set forth in 17.2.2(B), will only be applied by those companies whose wire centers are identified as assessing query charges in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

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6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(C) Application of Rates (Cont'd)

(8) 800 Data Base Access Service (Cont'd)

When Feature Group C or Feature Group D switched access service is used for the provision of 800 Data Base Access Service and the total minutes of use and/or count of queries can be determined for each customer at a tandem or SSP but can not be determined by individual end office, an allocation method will be utilized to determine minutes of use and/or queries by end office and customer. For each end office a ratio will be developed and applied against the total minutes of use and/or count of queries for a given customer as determined by the tandem or SSP. These ratios will be developed by dividing the unidentified originating 800 series minutes of use at an end office by the total unidentified originating minutes of use in all end offices subtending the tandem or SSP. For example, assume:

- Three end offices (EO-1, EO-2, and EO-3) subtend a tandem

  EO-1 measures 2,000 minutes of 800 use
  EO-2 measures 3,000 minutes of 800 use
  EO-3 measures 5,000 minutes of 800 use
  10,000 TOTAL

- The tandem delivers 800 usage to two customers:

  IC-A has 4,000 minutes of use
  IC-B has 6,000 minutes of use

- The allocation ratio for EO-1 is 20%

  2,000/10,000

- The minutes of use to be billed by EO-1 are

  800 to IC-A (20% X 4,000)
  1,200 to IC-B (20% X 6,000)
  2,000 TOTAL

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(C) Application of Rates (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(C) Application of Rates (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.1 Description and Application of Rates and Charges (Cont'd)

(C) Application of Rates (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.2 Minimum Monthly Charge

Switched Access Service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided. The minimum monthly charge is calculated as follows.

For usage rated Local Transport, Local Switching and Information Surcharge rate elements, the minimum monthly charge is the sum of the recurring charges set forth in Sections 17.2.2 and 17.2.3, following, for either the actual measured usage or the assumed usage prorated to the number of days or major fraction of days based on a 30 day month. (T)

For flat rated Local Transport rate elements, the minimum monthly charge is the sum of the recurring charges set forth in Section 17.2.2, following, prorated to the number of days or major fraction of days on a 30 day month. (T)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.3 Change of Switched Access Service Arrangements

Changes from one type of Feature Group to another will be treated as a discontinuance of one type of service and a start of another. Nonrecurring charges will apply, with one exception. When a customer upgrades a Feature Group A or B service to a Feature Group D service and when Feature Group C is upgraded to Feature Group D coincident with the availability of Feature Group D in an end office, the nonrecurring charges associated with the equal access conversion will not apply. Nonrecurring charges for other associated service requests, (e.g., a simultaneous change from multifrequency address signaling to SS7 signalling) will apply. Minimum period obligations will not change, i.e., the time elapsed in the existing minimum period obligation will be credited to the minimum period obligations for FGD service, subject to the following limitations.

In order to avoid the imposition of nonrecurring charges a customer which is a participant in the presubscription allocation process (i.e., is on the presubscription ballot) must:

- submit its order to disconnect Feature Group A and/or B within 30 days after the date the results of the final allocation of customers in an end office are actually received by the customer, and

- make the effective date for disconnection of the Feature Group A and/or B Access Services no later than 60 days after the final allocation results are received by the customer.

A customer which is not a participant in the allocation process (i.e., is not on the presubscription ballot) is subject to the same rules preceding. The time frames for the non-participating customer(s) are the same as those which apply to the last customer to receive the results of the final allocation of customers in an end office who is a participant in the allocation process. For all other changes from one type of Feature Group to another, new minimum period obligations will be established.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.4 Moves

A move involves a change in the physical location of one of the following:

- The point of termination at the customer designated premises
- The customer designated premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the installation nonrecurring charge for the capacity affected. This charge is in addition to the Access Order Charge as specified in 17.4.1(A) following. There will be no change in the minimum period requirements.

(B) Moves to a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new service. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

6.4.5 Local Information Delivery Services

Calls over Switched Access Service in the terminating direction to certain community information services will be rated under the applicable rates for Switched Access Service as set forth in 17.2 following. In addition, the charges per call as specified under the Telephone Company's local and/or general exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, will also apply.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.6 Mileage Measurement

The mileage to be used to determine the monthly rate for Local Transport is calculated on airline distances between the end office switch, which may be a Remote Switching Module, (where the call carried by Local Transport originates or terminates) and the customer's serving wire center or between an end office switch, which may be a Remote Switching Module (where the call carried by Local Transport terminates) and an IPG SWC when the customer uses Feature Group D in conjunction with IPG as described in Section 16.4, following. When Direct Trunked Transport is ordered between the serving wire center and the end office, mileage is normally measured in one segment from the serving wire center to the end office. When Direct Trunked Transport is ordered between a serving wire center and a tandem and Tandem Switched Transport is ordered between the tandem and the end office, mileage is calculated separately for each segment. Exceptions to these methods are as set forth in (B) through (J) following. For SS7 signaling, the mileage to be used to determine the monthly rate for the Signaling Mileage Facility is calculated on the airline distance between the serving wire center associated with the customer's designated premises (Signaling Point of Interface) and the Telephone Company wire center providing the STP Port. (C)

Where applicable, the V&H coordinates method is used to determine mileage. This method is set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 for Wire Center Information (V&H coordinates).

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.6 Mileage Measurement (Cont'd)

Mileage rates are as set forth in Section 17.2.2, following. To determine the rate to be billed, first compute the airline mileage using the V&H coordinates method. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage and applying the rates. Then multiply the mileage by the appropriate rate. (T)(M)

Exceptions to the mileage measurement rules are as follows:

(A) Reserved for Future Use (M)

(B) Feature Group A - Originating Usage
Direct Trunked Transport Mileage for premium and non-premium rated access minutes in the originating direction over Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H coordinates method. The mileage measurement will be between the first point of switching (end office switch where the Feature Group A switching dial tone is provided) and the customer's serving wire center for the Switched Access Service provided.

Certain material currently found on this page previously appeared on 7th Revised Page 6-48.

Certain material previously found on this page now appears on 4th Revised Page 6-50.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.6 Mileage Measurement (Cont'd) (T)

(C) Feature Group A - Terminating Usage (M)
The Local Transport mileage for terminating Feature Group A Switched Access Service when the Telephone Company provides Direct Trunked Transport will be measured in two segments. Direct Trunked Transport mileage will be measured between the customer's serving wire center and the first point of switching (i.e., the end office switch where the Feature Group A switching dial tone is provided). Tandem Switched Transport mileage will be measured between the first point of switching and the terminating end office. (M)

Certain material currently found on this page previously appeared on 9th Revised Page 6-49.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.6 Mileage Measurement (Cont'd)

(D) Feature Groups B, C and D - Alternate Traffic Routing
When the Alternate Traffic Routing optional feature is provided with Feature Groups B, C or D, the Local Transport access minutes will be apportioned between the two trunk groups used to provide this feature. Such apportionment will be made using: (1) actual minutes of use if available, (2) standard Telephone Company traffic engineering methodology and will be based on the last trunk CCS desired for the high usage group, as described in 6.10.1(L) following (Alternate Traffic Routing), and the total busy hour minutes of capacity ordered to the end office, when the feature is provided at an end office switch, or to the subtending end offices when the feature is provided at an access tandem switch, or (3) an apportionment mutually agreed to by the Telephone Company and the customer. This apportionment will serve as the basis for Local Transport calculation.

(E) Feature Group C - Multiple CDPs
When terminating Feature Group C Switched Access Service is provided from multiple customer designated premises to an end office not equipped with measurement capabilities, the total Local Transport access minutes for that end office will be apportioned among the trunk groups accessing the end office on the basis of the individual busy hour minutes of capacity ordered for each of those trunk groups. This apportionment will serve as the basis for Local Transport mileage calculation.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.6 Mileage Measurement (Cont'd)

(F) Feature Groups A, B, C and D - WATS
The Local Transport Facility for Feature Groups A, B, C and D Switched Access Service connected with Special Access Service at a WATS Serving Office will be measured between the WATS Serving Office (when measured access minutes of use are used) or between the Feature Group A entry switch (when assumed minutes of use are used) and the serving wire center for the customer designated premises.

(G) Feature Groups B and D - WSCs Directly Interconnected to Access Tandems
The Local Transport mileage for Feature Groups B and D switched access service provided to Wireless Switching Centers (WSCs) directly interconnected to a Telephone Company access tandem office will be determined on an airline basis, using the V&H coordinate method. The mileage will be measured between the customer's serving wire center and the Telephone Company access tandem office to which the WSC is interconnected.

(H) Feature Groups B, C, and D - Remote Offices
Local Transport mileage for Feature Groups B, C, and D Switched Access Service provided to a Remote Office will be measured in multiple segments.

When the facility is directly trunked to the Host Office, Direct Trunked Facility mileage will be measured between the customer's serving wire center and the Host Office, and Tandem Switched Facility mileage will be measured between the Host Office and the Remote Office. The Tandem Switching charge will not apply.

When the facility is routed through a tandem to the Host Office, Direct Trunked Facility will be measured from the Serving Wire Center to the tandem, Tandem Switched Facility will be measured from the tandem to the host, and another segment of Tandem Switched Facility will be measured from the host to the remote. A Tandem Switching charge will be applicable at the tandem.

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6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.6 Mileage Measurement (Cont'd)

(I) Use of Telephone Company Hub
When multiplexing is performed at Telephone Company Hubs, mileage is computed and rates applied separately for each segment of the Local Transport Direct Trunked Facility (i.e., customer serving wire center to Hub, Hub to Hub, and/or Hub to end office).

(J) Feature Group D – Connected with Internet Protocol Gateway Access Service (C)
When required, the Tandem Switched Facility mileage for Feature Group D Switched Access (C)
Service connected with IPG will be measured as described below.

- When the IPG SWC is located at the Telephone Company’s tandem office and traffic is to be originated from or (C)
terminated to the end office, the Tandem Switched Facility mileage will be measured between the IPG SWC and the end office.

- When the IPG SWC is located at the Telephone Company’s tandem office and traffic is to be originated from or (C)
terminated to a host/remote complex, the Tandem Switched Facility mileage will be measured in multiple segments. The first segment will be measured between the IPG SWC and the host office and the second segment will be measured between the host office and subtending remote office.

- When the IPG SWC is located at the Telephone Company’s host office and traffic is to be originated from or (C)
terminated to the remote office, the Tandem Switched Facility mileage will be measured between the IPG SWC and the subtending remote office.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.7 Mixed Use

Mixed use occurs when Switched Access Service and Special Access Service are provided over the same High Capacity or Synchronous Optical Channel facilities through a common interface. The regulations governing the provision of Mixed Use Facilities are set forth in Section 5.2.4, preceding, and Section 7.2.7, following. (T)

Mixed use also occurs when Ethernet Switched Access Local Transport and Ethernet Transport Service (ETS) are provided over the same ETS facilities through a common interface. The regulations governing the provision of Mixed Use Facilities for these services are set forth in Section 5.2.4, preceding, and Section 16.3.4(D), following. (N)

The Telephone Company will designate the first point(s) of switching and routing to be used where equal access traffic is provided through a centralized equal access arrangement. Those Telephone Company offices providing equal access through centralized arrangements are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

Certain material previously found on this page now appears on Original Page 6-52.1.

ACCESS SERVICE (N)

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd) (N)

6.4.8 Message Unit Credit for Feature Group A (M)

Calls from end users to the seven digit local telephone numbers associated with Feature Group A Switched Access Service are subject to Telephone Company local and/or general exchange service tariff charges (including message unit and toll charges as applicable). The monthly bills rendered to customers for their Feature Group A Switched Access Service will include a credit to reflect any message unit charges collected from their end users under the Telephone Company's local and/or general exchange service tariffs. When the customer is provided FGA service where measurement capability does not exist, the credit will apply to access minutes not to exceed the assumed originating access minutes. No credit will apply for any terminating FGA access minutes. The message unit credit for originating access minutes will be based on the generally applicable message unit charges of the Telephone Company. (M)

Certain material currently found on this page previously appeared on 4th Revised Page 6-52.

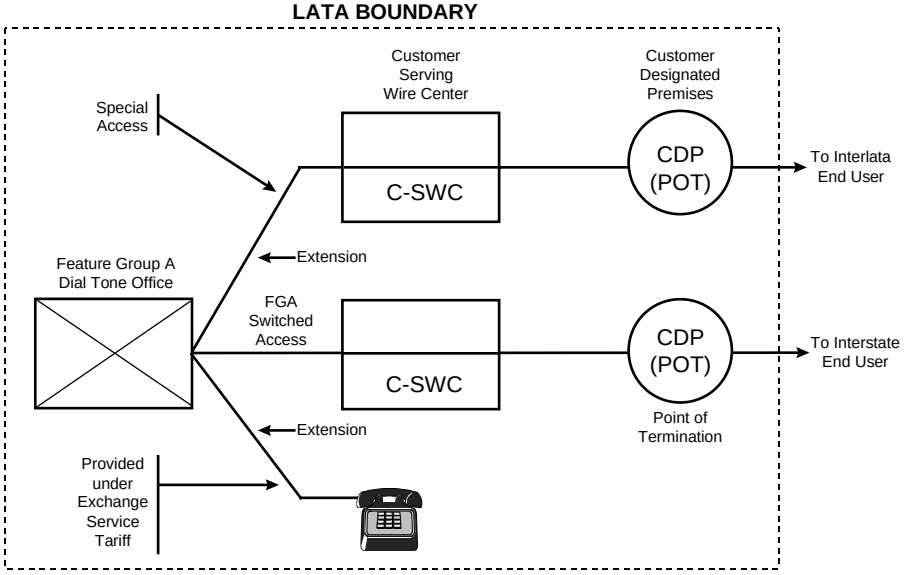
ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Rate Regulations (Cont'd)

6.4.9 Application of Rates for Feature Group A Extension Service

Feature Group A Switched Access Service is available with extensions, i.e., additional terminations of the service at different customer designated premises in the same LATA as the FGA dial tone office or a LATA other than the LATA where the FGA dial tone office is located. Feature Group A extensions within the same LATA and same state as the dial tone office are provided and charged under the Telephone Company's local and/or general exchange service tariffs. Feature Group A extensions located in a LATA other than the LATA where the dial tone office is located or in a different state in the same LATA as the dial tone office are provided and charged as Special Access Service. The rate elements which apply are: A Voice Grade Channel Termination, Channel Mileage, if applicable, and Signaling Capability (optional features and functions), if applicable. All appropriate monthly rates and nonrecurring charges set forth in 17.3.4 following will apply.



FEATURE GROUP A EXTENSION SERVICE

In the above example, two CDPs are utilized to better illustrate the concept. From a practical standpoint, both the Switched Access and Special Access Services could be routed via the same CDP.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Description and Provision of Feature Group A (FGA)

6.5.1 Description

(A) FGA Access, which is available to all customers, provides line side access to Telephone Company end office switches with an associated seven digit local telephone number for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's Interstate Service or a customer - provided interstate communications capability. The customer must specify the Interexchange Carrier to which the FGA service is connected or, in the alternative, specify the means by which the FGA access communications is transported to another state. Special Access Services utilized for connection with FGA at Telephone Company designated WATS Serving Offices as set forth in Section 7. following may be ordered separately by a customer other than the customer which orders the FGA Switched Access Service for the provision of WATS-type services. Special Access Services are ordered as set forth in 5.2 preceding.

(B) FGA Switching is provided at all end office switches. At the option of the customer, FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling which are specified by the customer's order for service.

(C) FGA provides a line side termination at the first point of switching (dial tone office). The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Description and Provision of Feature Group A (FGA) (Cont'd)

6.5.1 Description (Cont'd)

(D) The Telephone Company shall select the first point of switching, within the selected LATA, at which the line side termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities, where necessary, are available to accommodate such a request.

(E) A seven digit local telephone number assigned by the Telephone Company is provided for access to FGA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

If the customer requests a specific seven digit telephone number that is not currently assigned, and the Telephone Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

(F) FGA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction FGA switching may, at the option of the customer, be arranged for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching. When FGA switching is provided in a hunt group or uniform call distribution arrangement, all FGA switching will be arranged for the same type of address signaling.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Description and Provision of Feature Group A (FGA) (Cont'd)

6.5.1 Description (Cont'd)

(G) No address signaling is provided by the Telephone Company when FGA switching is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.

(H) FGA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator service (0- and 0+), Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate digits).

Charges for FGA terminating calls requiring operator assistance or calls to 611 or 911 will only apply where sufficient call details are available. Additional non-access charges will also be billed on

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6. Switched Access Service (Cont'd)

6.5 Description and Provision of Feature Group A (FGA) (Cont'd)

6.5.1 Description (Cont'd)

(H) (Cont'd)

a separate account for (1) an operator surcharge, as set forth in the local exchange tariffs, for local operator assistance (0- and 0+) calls, (2) calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL IT) Network Services, and, (3) calls from a FGA line to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer.

For calls to Directory Assistance (411 and 555-1212, whichever is available), Local Transport rates for FGA Switched Access Service will apply. Additionally, calls to Directory Assistance are subject to the Directory Assistance Service Call rate set forth in 17.2.5(A) following.

(I) When a FGA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

(J) Except as provided for in Section 6.1.3(A)(1), following, FGA will be provisioned over an Entrance Facility from the customer's premises to the customer's serving wire center. (C) (C)

FGA service, when used in the originating direction, will be provisioned as Direct Trunked Transport from the first point of switching (i.e., the end office switch where FGA switching dial tone is provided) to the customer's serving wire center.

FGA service, when used in the terminating direction, will be provisioned as Direct Trunked Transport from the customer's serving wire center to the first point of switching and provisioned as Tandem Switched Transport from the first point of switching to the terminating end office. The Tandem Switching charge will not apply.

ACCESS SERVICE (N)

6. Switched Access Service (Cont'd)

6.5 Description and Provision of Feature Group A (FGA) (Cont'd)

6.5.1 Description (Cont'd)

(K) FGA service may not be used in conjunction with ESALT. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Description and Provision of Feature Group A (FGA) (Cont'd)

6.5.2 Optional Features

Following are the various nonchargeable optional features that are available in lieu of, or in addition to, the standard features provided with Feature Group A. They are provided as Common Switching, Transport Termination or Local Transport options.

(A) Common Switching Options

Descriptions of the common switching optional features are set forth in 6.10 following.

(1) Call Denial on Line or Hunt Group

(2) Service Code Denial on Line or Hunt Group

(3) Hunt Group Arrangement

(4) Uniform Call Distribution Arrangement

(5) Nonhunting Number for Use with Hunt Group or Uniform Call Distribution Arrangement

(6) Band Advance Arrangement for Use with Special Access Service Utilized in the Provision of WATS-Type Services

(7) Hunt Group Arrangement for Use with Special Access Service Utilized in the Provision of WATS-Type Services

(8) Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS-Type Services

(9) Nonhunting Number Associated with a Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS-Type Services

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6. Switched Access Service (Cont'd)

6.5 Description and Provision of Feature Group A (FGA) (Cont'd)

6.5.2 Optional Features (Cont'd)

(B) Transport Termination

(1) Two-way operation with dial pulse address signaling and loop start supervisory signaling
(2) Two-way operation with dial pulse address signaling and ground start supervisory signaling
(3) Two-way operation with dial tone multifrequency address signaling and loop start supervisory signaling
(4) Two-way operation with dial tone multifrequency address signaling and ground start supervisory signaling
(5) Terminating operation with dial pulse address signaling and loop start supervisory signaling
(6) Terminating operation with dial pulse address signaling and ground start supervisory signaling
(7) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
(8) Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling
(9) Originating operation with loop start supervisory signaling
(10) Originating operation with ground start supervisory signaling

(C) Local Transport Options

(1) Supervisory Signaling (as set forth in 15.1.1(E) following)
(2) Customer Specified Entry Switch Receive Level (as set forth in 15.1.1(E) following)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Description and Provision of Feature Group A (FGA) (Cont'd)

6.5.3 Optional Features Provided In Local Tariffs

Certain other features which may be available in connection with Feature Group A (e.g., Speed Calling, Remote Call Forwarding, Bill Number Screening, IntraLATA extensions) are provided under the Telephone Company's local and/or general exchange service tariffs.

6.5.4 Measuring Access Minutes

Customer Feature Group A traffic to end offices will be measured (i.e., recorded) or assumed by the Telephone Company at end office switches. Originating and terminating calls will be measured (i.e., recorded) or assumed by the Telephone Company to determine the basis for computing chargeable access minutes. In the event the customer message detail is not available because the Telephone Company lost or damaged tapes or incurred recording system outages, the Telephone Company will estimate the volume of lost customer access minutes of use based on previously known values.

For terminating calls over FGA and for originating calls over FGA (when the off-hook supervisory signal is provided by the customer's equipment before the called party answers), the measured minutes are the chargeable access minutes. For originating calls over FGA (when the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers), chargeable originating access minutes are derived from recorded minutes using the same formula as set forth in 6.7.4 following for Feature Group C.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Description and Provision of Feature Group A (FGA) (Cont'd)

6.5.4 Measuring Access Minutes (Cont'd)

For originating calls over FGA, usage measurement begins when the originating FGA first point of switching receives an off-hook supervisory signal forwarded from the customer's point of termination. This off-hook signal may be provided by the customer's equipment before the called party answers, or forwarded by the customer's equipment when the called party answers.

The measurement of originating call usage over FGA ends when the originating FGA first point of switching receives an on-hook supervisory signal from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

For terminating calls over FGA, usage measurement begins when the terminating FGA first point of switching receives an off-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has answered. The measurement of terminating call usage over FGA ends when the terminating FGA first point of switching receives an on-hook supervisory signal from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

FGA access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each line or hunt group, and are then rounded up to the nearest access minute for each line or hunt group.

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6. Switched Access Service (Cont'd)

6.5 Description and Provision of Feature Group A (FGA) (Cont'd)

6.5.4 Measuring Access Minutes (Cont'd)

Assumed minutes are used for FGA services which originate or terminate in end offices not equipped with measurement capabilities and where actual usage is unavailable from another local exchange telephone company. In such cases, the assumed minutes are the chargeable access minutes.

Actual minutes of use are required in an end office where at least one access customer in that office has in excess of 24 FGA lines. Actual minutes for that end office must be obtained from measurement equipment installed in the end office or obtained from another local exchange telephone company willing and able to provide actual measurement data to the telephone company. During the interim period when the telephone company is installing measurement equipment or working with an alternate source to obtain actual data, access customer's FGA lines totaling more than 24 will be billed using assumed minutes of use. Upon 60 days advance notification of the telephone company's conversion to actual measurement, all FGA customers, regardless of line size, served by that end office would be billed based upon actual minutes.

Where originating and terminating measurement capability does not exist for Feature Group A provided to the first point of switching, the number of access minutes will be assumed as set forth in 17.2.6 following.

Where measurement capability exists for either originating or terminating usage, but not both, on a line arranged for two way calling, the number of access minutes per line per month will be assumed usage, as set forth in 17.2.6 following, or the measured usage, whichever is greater. If the usage in the measured direction exceeds the assumed access minutes per line per month, no usage will be assigned in the unmeasured direction. If the measured usage is less than the assumed access minutes per line per month, the usage in the unmeasured direction will be the assumed usage, as set forth in 17.2.6 following, direction except that the total of measured and assumed minutes in such instances will not exceed the total assumed usage designated for two way calling set forth in 17.2.6 following. If the total exceeds the assumed minutes set forth in 17.2.6 following, the assigned minutes shall be reduced so that the total of measured and unmeasured minutes equals the assumed minutes for two way calling set forth in 17.2.6 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Description and Provision of Feature Group A (FGA) (Cont'd)

6.5.4 Measuring Access Minutes (Cont'd)

Additionally, when the line is arranged for one way calling and there is no measurement capability for that direction, assumed originating access minutes, as set forth in 17.2.6(B) following, will be assigned for originating calling only lines and assumed terminating access minutes, as set forth in 17.2.6(C) following, will be assigned for terminating calling only lines.

The following matrix illustrates the application of assumed access minutes for FGA as set forth in 17.2.6(A), (B) and (C) following.

Service Ordered As	Can Measure Originating	Can't Measure Originating	Can Measure Terminating	Can't Measure Terminating
Originating Only	Actual	1,510	N/A	N/A
Terminating Only	N/A	N/A	Actual	2,685
Both Originating and Terminating (originating measurement greater than 4195)	Actual	N/A	N/A	0
Both Originating and Terminating (originating measurement equal or less than 4195)	Actual	N/A	N/A	0 to 2685*
Both Originating and Terminating (terminating measurement greater than 4195)	N/A	0	Actual	N/A
Both Originating and Terminating (terminating measurement equal or less than 4195)	N/A	0 to 1510*	Actual	N/A

* Sum of actual and assumed cannot exceed 4195. Reduce assumed minutes of use if necessary.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Description and Provision of Feature Group A (FGA) (Cont'd)

6.5.4 Measuring Access Minutes (Cont'd)

Notwithstanding the preceding, when Feature Group A is used for the provision of WATS-type service where measurement capability exists at the WATS Serving Office but not at the Feature Group A first point of switching, the measured WATS-type originating and/or terminating minutes of use shall be separately summed and compared to their respective total assumed originating and/or terminating minutes of use. The number of access minutes per line per month will be the assumed or the measured usage, whichever is greater.

6.5.5 Testing Capabilities

FGA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in 6.2.4 preceding which are included with the installation of service (Acceptance Testing) and as ongoing routine testing, Additional Cooperative Acceptance Testing and Additional Manual Testing are available as set forth in 13.3.1 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Description and Provision of Feature Group B (FGB)

6.6.1 Description

(A) FGB Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 950-XXXX access code. FGB trunk side access is provided for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's Interstate Service or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the FGB service is connected or, in the alternative, specify the means by which the FGB access communications is transported to another state. Special Access Services utilized for connection with FGB at Telephone Company designated WATS Serving Offices as set forth in Section 7. following may be ordered separately by a customer other than the customer which orders the FGB Switched Access Service for the provision of WATS or WATS-type services. Special Access Services are ordered as set forth in 5.2 preceding.

(B) FGB, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company designated electronic access tandem switches, FGB switching is provided at Telephone Company electronic and electromechanical end office switches.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Description and Provision of Feature Group B (FGB) (Cont'd)

6.6.1 Description (Cont'd)

(C) FGB is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.

(D) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth respectively in 6.10.1(F) and 6.10.2(A) following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.

(E) The access code for FGB switching is a uniform access code. The form of the uniform access code is 950-XXXX. A uniform access code(s) will be assigned to the customer for the customer's domestic communications and another will be assigned to the customer for its international communications, if required. These access codes will be the assigned access numbers of all FGB switched access service provided to the customer by the Telephone Company.

(F) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGB switching is ordered. When required by technical limitations, a separate trunk group will be established for each type of FGB switching arrangement provided. Different types of FGB or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Description and Provision of Feature Group B (FGB) (Cont'd)

6.6.1 Description (Cont'd)

(G) FGB switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed.

The customer will also be billed additional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a FGB trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer.

Calls in the terminating direction will not be completed to the 950-XXXX access code, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when FGB switching is combined with Directory Assistance (DA) switching. The combination of FGB Switched Access Service with DA service is provided as set forth in Section 9. following. FGB may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C and D.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Description and Provision of Feature Group B (FGB) (Cont'd)

6.6.1 Description (Cont'd)

(H) When all FGB switching arrangements are discontinued at an end office and/or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

(I) FGB service may not be used in conjunction with ESALT. (N) (N)

(J) The Telephone Companies listed in Section 17.2.4, following will make available in certain Telephone Company designated end offices FGB with an Abbreviated Dialing Arrangement (ADA). Such FGB with an ADA will be provisioned in the same manner in which FGB is provisioned with the exceptions described in Section 6.9.2(A), following. When FGB with an ADA is made available in a non-equal end office, the Telephone Company will continue to make FGB with an associated 950-XXXX access code available to customers at non-premium rates. (T) (T)

(K) For FGB switched access service to a Wireless Switching Center (WSC) directly interconnected to a Telephone Company access tandem office, the customer will be billed only the Local Transport premium rate element for the FGB usage. The mileage used to determine the monthly rate for the local transport rate element is as set forth in Section 6.4.6(G), preceding. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Description and Provision of Feature Group B (FGB) (Cont'd)

6.6.2 Optional Features

Following are descriptions of the various nonchargeable optional features that are available in lieu of, or in addition to, the standard features provided with Feature Group B. They are set forth in (A), (B) and (C) following and are provided as Common Switching, Transport Termination and Local Transport options. Additionally, other optional features provided in local tariffs are set forth in (D) following.

(A) Common Switching Options

Descriptions of the common switching optional features are set forth in 6.10 following.

(1) Automatic Number Identification (ANI)

(2) Up to 7 Digit Outpulsing of Access Digits to Customer

(3) Band Advance Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

(4) Hunt Group Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

(5) Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

(6) Nonhunting Number Associated with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Description and Provision of Feature Group B (FGB) (Cont'd)

6.6.2 Optional Features (Cont'd)

(B) Transport Terminations Options

(1) Rotary Dial Station Signaling

(C) Local Transport Options

(1) Customer Specification of Local Transport Termination

(2) Optional Supervisory Signaling

(3) Customer Specified Entry Switch Receive Level

Inasmuch as these options concern transmission levels and signaling they are set forth in 15.1.1 following.

(D) Optional Features Provided In Local Tariffs

Another feature, Bill Number Screening, which may be available in connection with FGB, is provided under the Telephone Company's local and/or general exchange service tariffs.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Description and Provision of Feature Group B (FGB) (Cont'd)

6.6.3 Design and Traffic Routing

For Feature Group B, the trunk directionality and traffic routing of the Switched Access Service between the customer designated premises and the entry switch are determined by the customer's order for service; except the Telephone Company will designate the first point(s) of switching and routing to be used where equal access is provided through a centralized equal access arrangement. Those Telephone Company offices providing equal access through centralized arrangements are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. Additionally, the customer may order the optional feature Customer Specification of Local Transport Termination as set forth in 15.1.1 following.

6.6.4 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded) or assumed by the Telephone Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded) or assumed by the Telephone Company to determine the basis for computing chargeable access minutes. In the event the customer message detail is not available because the Telephone Company lost or damaged tapes or incurred recording system outages, the Telephone Company will estimate the volume of lost customer access minutes of use based on previously known values.

For both originating and terminating calls over FGB the measured minutes are the chargeable access minutes.

For originating calls over FGB, usage measurement begins when the originating FGB first point of switching receives answer supervision forwarded from the customer's point of termination, indicating the customer's equipment has answered.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Description and Provision of Feature Group B (FGB) (Cont'd)

6.6.4 Measuring Access Minutes (Cont'd)

The measurement of originating call usage over FGB ends when the originating FGB first point of switching receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

For terminating calls over FGB, usage measurement begins when the terminating FGB first point of switching receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGB ends when the terminating FGB first point of switching receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

FGB access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office.

Assumed minutes are used for FGB services which originate or terminate in end offices not equipped with measurement capabilities and in such cases are the chargeable access minutes.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Description and Provision of Feature Group B (FGB) (Cont'd)

6.6.4 Measuring Access Minutes (Cont'd)

Where originating and terminating measurement capability does not exist for Feature Group B provided to the first point of switching, the number of access minutes will be assumed, as set forth in 17.2.6(D) following, when the trunk is arranged for two way calling.

Where measurement capability exists for either originating or terminating usage, but not both, on a trunk arranged for two way calling, the number of access minutes per trunk per month will be assumed usage, as set forth in 17.2.6(D) following, or the measured usage, whichever is greater. If the usage in the measured direction exceeds the assumed access minutes per trunk per month, no usage will be assigned in the unmeasured direction. If the measured usage is less than the assumed access minutes per trunk per month, the usage in the unmeasured direction will be the assumed usage, as set forth in 17.2.6 following, for that unmeasured direction except that the total of measured and assumed minutes in such instances will not exceed the total assumed usage designated for two way calling set forth in 17.2.6(D) following. If the total exceeds the assumed minutes set forth in 17.2.6 following, the assigned minutes shall be reduced so that the total of measured and unmeasured minutes equals the assumed minutes for two way calling set forth in 17.2.6(D) following.

Additionally, when the trunk is arranged for one way calling and there is no measurement capability for that direction, assumed originating access minutes, as set forth in 17.2.6(E) following, will be assigned for originating calling only lines and assumed terminating access minutes, as set forth in 17.2.6(F) following, will be assigned for terminating calling only lines.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Description and Provision of Feature Group B (FGB) (Cont'd)

6.6.4 Measuring Access Minutes (Cont'd)

The following matrix illustrates the application of assumed access minutes for FGB as set forth in 17.2.6(D), (E) and (F) following.

Service Ordered As	Can Measure Originating	Can't Measure Originating	Can Measure Terminating	Can't Measure Terminating
Originating Only	Actual	3,132	N/A	N/A
Terminating Only	N/A	N/A	Actual	5,568
Both Originating and Terminating (originating measurement greater than 8700)	Actual	N/A	N/A	0
Both Originating and Terminating (originating measurement equal or less than 8700)	Actual	N/A	Actual	0 to 5568*
Both Originating and Terminating (terminating measurement greater than 8700)	N/A	0	Actual	N/A
Both Originating and Terminating (terminating measurement equal or less than 8700)	N/A	0 to 3132*	Actual	N/A

* Sum of actual and assumed cannot exceed 8700. Reduce assumed minutes of use if necessary.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Description and Provision of Feature Group B (FGB) (Cont'd)

6.6.4 Measuring Access Minutes (Cont'd)

Notwithstanding the preceding, when Feature Group B is used for the provision of WATS or WATS-type service where measurement capability exists at the WATS Serving Office but not at the Feature Group B first point of switching, the measured WATS or WATS-type originating and/or terminating minutes of use shall be separately summed and compared to their respective total assumed originating and/or terminating minutes of use. The number of minutes per trunk per month will be the assumed or the measured usage, whichever is greater.

When Feature Group B is ordered at an access tandem and end office specific usage measurement is not available, the actual or assumed originating and/or terminating minutes of use as determined by the exchange carrier providing the access tandem will be apportioned among all subtending end offices. For each end office, such apportionment shall be based on the ratio of the total number of subscriber lines in each end office subtending the access tandem to the total number of subscriber lines associated with all end offices subtending the access tandem. For purposes of administering this regulation, subscriber lines are defined as exchange service lines, Centrex lines and Centrex-type lines provided by the telephone companies under local and/or general exchange service tariffs. The resulting ratio for each end office is then applied to the total access area originating and/or terminating minutes of use to determine originating and/or terminating minutes of use to be assigned for billing purposes to each subtending end office in the access area.

The ratio used to calculate the access minutes will be determined by the Telephone Company and provided to the customer upon his request within 15 days of the receipt of such request.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Description and Provision of Feature Group B (FGB) (Cont'd)

6.6.5 Testing Capabilities

FGB is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.2.4 preceding which are included with the installation of service (Acceptance Testing) and as ongoing routine testing, Additional Cooperative Acceptance Testing, Additional Automatic Testing, and Additional Manual Testing are available as set forth in 13.3.1 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group C (FGC)

6.7.1 Description

(A) FGC Access provides trunk side access to Telephone Company end office switches for the customer's use in originating and terminating communications. Originating and terminating FGC Access is available to providers of MTS and WATS. Originating FGC Access is available to all customers when used to provide the Interim NXX Translation optional feature or 800 Data Base service. Terminating FGC access is available to all customers other than providers of MTS and WATS when such access is used in conjunction with the provision of the Interim NXX Translation optional feature or 800 Data Base service, but only for purposes of testing. Existing FGC Access will be converted to Feature Group D Access when Feature Group D Access becomes available in an end office. Special Access Services utilized for connection with FGC at Telephone Company designated WATS Serving Offices as set forth in Section 7. following may be ordered separately by a customer other than the customer which orders the FGC Switched Access Service (i.e., a provider of MTS and WATS) for the provision of WATS Services. Special Access Services are ordered as set forth in 5.2 preceding.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

6.7.1 Description (Cont'd)

(B) Feature Group C switching is provided at all end office switches unless Feature Group D end office switching is provided in the same office. When FGD switching is available, FGC switching will not be provided. FGC is provided at Telephone Company end office switches on a direct trunk basis or via Telephone Company designated access tandem switches. Feature Group C switching is furnished to providers of MTS and WATS. Additionally, originating Feature Group C switching is available to all customers when used to provide the Interim NXX Translation optional feature or 800 Data Base service. Terminating Feature Group C switching is available to all customers who are not MTS and WATS providers only when such terminating access is for purposes of testing Feature Group C facilities provided in conjunction with the Interim NXX Translation optional feature or 800 Data Base Service.

(C) FGC is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start start-pulsing signals are provided in all offices where available. In those offices where wink start start-pulsing signals are not available, delay dial start-pulsing signals will be provided, unless immediate dial pulse signaling is provided, in which case no start-pulsing signals are provided.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

6.7.1 Description (Cont'd)

(D) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such switches, the address signaling will be dial pulse or immediate dial pulse signaling, whichever is available. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

(E) No access code is required for FGC switching. The telephone number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC + NN.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

6.7.1 Description (Cont'd)

(F) FGC switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information provider, and other customer's services (by dialing the appropriate codes) when the services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by offices subtending the access tandem may be accessed. Where measurement capabilities exist, the customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL IT) Network Services. Additionally, non-access charges will also be billed for calls from a FGC trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 and 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when FGC switching is combined with Directory Assistance switching. The combination of FGC Switched Access Service with DA Service is provided as set forth in Section 9. following. FGC may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

6.7.1 Description (Cont'd)

(G) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGC switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGC switching arrangement provided. Different types of FGC or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

(H) Unless prohibited by technical limitations the providers of MTS and WATS may, at their option, combine Interim NXX Translation and/or 800 Data Base traffic in the same trunk group arrangement with their non-Interim NXX Translation traffic. When required by technical considerations, or when provided to a customer other than the provider of MTS and WATS, or at the request of the customer (i.e., provider of MTS and WATS), a separate trunk group will be established for Interim NXX Translation traffic and/or 800 Data Base.

(I) Operator Transfer Service may be provided with FGC Switched Access Service at Telephone Company designated Operator Services locations.

The Telephone Company will provide Operator Transfer Service for calls originating from telephone numbers associated with exchange service lines in end offices subtending the Operator Services location. Operator Transfer Service is provided as set forth in 6.10.4 following.

(J) FGC switching is provided with multifrequency address signaling or out of band SS7 signaling where technically feasible. With multifrequency address signaling and SS7 signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

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ACCESS SERVICE (N)

6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

6.7.1 Description (Cont'd)

(K) FGC service may not be used in conjunction with ESALT. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

6.7.2 Optional Features

Following are descriptions of the various nonchargeable and chargeable optional features that are available in lieu of, or in addition to, the standard features provided with Feature Group C. Nonchargeable optional features are provided as Common Switching, Transport Termination and Local Transport options as set forth in (A) through (C) following. Chargeable optional features are set forth in (D) following.

(A) Common Switching Options

Descriptions of the common switching optional features are set forth in 6.10 following.

(1) Automatic Number Identification (ANI)

(2) Signaling Options

(a) Delay Dial Start-Pulsing Signaling

(b) Immediate Dial Pulse Address Signaling

(c) Dial Pulse Address Signaling

(3) Service Class Routing

(4) Alternate Traffic Routing

(5) Trunk Access Limitation

(6) Band Advance Arrangement Associated with Special Access Service Utilized in the Provision of WATS Service

(7) End Office End User Line Service Screening for Use with Special Access Service Utilized in the Provision of WATS Service

(8) Hunt Group Arrangement for Use with Special Access Service Utilized in the Provision of WATS Service

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

6.7.2 Optional Features (Cont'd)

(A) Common Switching Options (Cont'd)

(9) Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS Services

(10) Nonhunting Number Associated with a Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS Services

(11) Digital Switched 56 Service

(B) Transport Termination Options

(1) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin

The Operator Trunk option is set forth in 6.10.2(B) following.

(C) Local Transport Options

(1) Supervisory Signaling

The Supervisory Signaling optional feature, due to its technical nature, is set forth in 15.1.1 following.

(2) Signaling System 7 (SS7)

The SS7 optional feature allows the customer to send and receive signals for out of band call set up and is available with Feature Group C. This option requires the establishment of a signaling connection between the customer's designated premises/Signaling Point of Interface (SPOI) and a Telephone Company Signaling Transfer Point (STP).

SS7 is provided in both the originating and terminating direction on FGC and each signaling connection is provisioned for two way SS7 signaling information.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

6.7.2 Optional Features (Cont'd)

(C) Local Transport Options (Cont'd)

(3) Multifrequency Address Signaling

(4) Calling Party Number (CPN)

(5) Charge Number Parameter (CNP)

(6) 64 Clear Channel Capability

The 64 Clear Channel Capability optional feature, due to its technical nature, is set forth in 15.1.1 following.

(D) Chargeable Optional Features

(1) Interim NXX Translation

The Interim NXX Translation Optional Feature is set forth in 6.10.3(A) following.

(2) The Operator Transfer Service Optional Feature is provided as set forth in 6.10.4 following.

(3) Common Channel Signaling/Signaling System 7 (CCS/SS7) Network Connection Service (CCSNC)

The CCSNC Optional Feature is provided as set forth in 6.10.5 following.

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6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

6.7.3 Design and Traffic Routing

For Feature Group C, the Telephone Company shall design and determine the routing of Switched Access Service. Additionally, for Tandem Switched Transport the Telephone Company will design and determine the routing from the first point of switching to the end office. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or two-way trunk groups. Finally, the Telephone Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment.

Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and actual traffic patterns.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

6.7.4 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded) by the Telephone Company at end office switches or access tandem switches. Originating and terminating calls will be measured or imputed by the Telephone Company to determine the basis for computing chargeable access minutes. In the event the customer message detail is not available because the Telephone Company lost or damaged tapes or incurred recording system outages, the Telephone Company will estimate the volume of lost customer access minutes of use based on previously known values.

For terminating calls over FGC when measurement capability exists, the measured minutes are the chargeable access minutes. For originating calls over FGC, chargeable originating access minutes are derived from recorded minutes in the following manner:

Step 1: Obtain recorded originating minutes and messages from the appropriate recording data.

Step 2: Obtain the total attempts by dividing the originating measured messages by the completion ratio. Completion ratios (CR) are obtained separately for the major call categories such as DDD, operator, 800 series, 900, directory assistance and international from a sample study which analyzes the ultimate completion status of the total attempts which receive acknowledgement from the customer. That is, Measured Messages divided by Completion Ratio equals Total Attempts.

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6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

6.7.4 Measuring Access Minutes (Cont'd)

Step 3: Obtain the total non-conversation time additive (NCTA) by multiplying the total attempts (obtained in Step 2) by the NCTA per attempt ratio. The NCTA per attempt ratio is obtained from the sample study identified in Step 2 by measuring the non-conversation time associated with both completed and incompleted attempts. The total NCTA is the time on a completed attempt from customer acknowledgement of receipt of call to called party answer (set up and ringing) plus the time on an incompleted attempt from customer acknowledgment of call until the access tandem or end office receives a disconnect signal (ring - no answer, busy or network blockage). That is, Total Attempts times Non-Conversation Time per Attempt Ratio equals Total NCTA.

Step 4: Obtain total chargeable originating access minutes by adding the total NCTA (obtained in Step 3) to the recorded originating measured minutes (obtained in Step 1). That is, Measured Minutes plus NCTA equals Chargeable Originating Access Minutes.

Following is an example which illustrates how the chargeable originating access minutes are derived from the measured originating minutes using this formula.

Where: Measured Minutes (M. Min.) = 7,000
Measured Messages (M. Mes.)= 1,000
Completion Ratio (CR) = .75
NCTA per Attempt = .4

(1) Total Attempts = $\frac{1{,}000(\text{M. Mes.})}{.75\ (\text{CR})}$ = 1,333.3

(2) Total NCTA = .4 (NCTA per Attempt) x 1,333.33 = 533.33

(3) Total Chargeable Originating Access Minutes = 7,000 (M. Min) + 533.33 (NCTA) =7,533.33

FGC access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

6.7.4 Measuring Access Minutes (Cont'd)

Originating Usage

For originating calls over FGC, provided with Multi-Frequency Signaling, usage measurement begins when the originating FGC first point of switching receives answer supervision from the customer's point of termination, indicating the called party has answered.

For originating calls over FGC provided with Signaling System 7 (SS7) Signaling when the FGC end office is not routed through an access tandem for connection to the customer, usage measurement begins when the SS7 Initial Address Message is sent from the Service Switching Point (SSP) to the Signal Transfer Point(STP).

For originating calls over FGC provided with Signaling System 7 (SS7) Signaling when the FGC end office is routed through a tandem for connection to the customer, usage measurement begins when the FGC end office receives the SS7 Exit Message from the tandem.

The measurement of originating call usage over FGC provided with Multi-Frequency Signaling ends when the originating FGC first point of switching receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

The measurement of originating call usage over FGC provided with SS7 Signaling ends when the originating FGC end office receives an SS7 Release Message indicating either the originating or terminating end user has disconnected.

Terminating Usage

For terminating calls over FGC the chargeable access minutes are either measured or derived. For terminating calls over FGC where measurement capability does not exist, terminating FGC usage is derived from originating usage, excluding usage from calls to closed end services or Directory Assistance Services.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

6.7.4 Measuring Access Minutes (Cont'd)

Terminating Usage (Cont'd)

For terminating calls over FGC provided with Multi-Frequency Signaling, where measurement capability exists, the measurement of chargeable access minutes begins when the terminating FGC first point of switching receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered. This measurement ends when the terminating FGC first point of switching receives an on-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

For terminating calls over FGC with SS7 signaling, usage measurement begins when the terminating recording switch receives answer supervision from the terminating end user. The Telephone Company switch receives answer supervision and sends the indication to the customer in the form of an answer message. The measurement of terminating FGC call usage ends when the entry switch receives or sends a Release Message, whichever occurs first.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

6.7.5 Design Blocking Probability

The Telephone Company will design the facilities used in the provision of Switched Access Service FGC to meet the blocking probability criteria as set forth in (A) and (B) following.

(A) For Feature Group C, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's designated premises and the first point of switching when traffic is directly routed without an alternate route. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.

(B) The Telephone Company will perform routine measurement functions to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., busy hour minutes of capacity) be ordered by the customer when additional paths are required to reduce the measured blocking to the designed blocking level. For the capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the threshold listed in the following tables.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

6.7.5 Design Blocking Probability (Cont'd)

(B) (Cont'd)

(1) For transmission paths carrying only first routed traffic direct between an end office and customer's designated premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	5-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	7%	8%	9%	14%
3	5%	6%	7%	9%
4	5%	6%	7%	8%
5-6	4%	5%	6%	7%
7 or more	3%	3.5%	4%	6%

(2) For transmission paths carrying first routed traffic between an end office and customer's premises via an access tandem, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	4.5%	5.5%	6.0%	9.5%
3	3.5%	4.0%	4.5%	6.0%
4	3.5%	4.0%	4.5%	5.5%
5-6	2.5%	3.5%	4.0%	4.5%
7 or more	2.0%	2.5%	3.0%	4.0%

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Description and Provision of Feature Group C (FGC) (Cont'd)

6.7.6 Testing Capabilities

FGC is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.2.4 preceding which are included with the installation of service (Acceptance Testing) and as ongoing routine testing, Additional Cooperative Acceptance Testing, Additional Automatic Testing and Additional Manual Testing are available as set forth in 13.3.1 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Description and Provision of Feature Group D (FGD)

6.8.1 Description

(A) FGD Access, which is available to all customers, provides trunk side access to Telephone Company end office switches. Special Access Services utilized for connection with FGD at Telephone Company designated WATS Serving offices as set forth in Section 7, following, may be ordered separately by a customer other than the customer which orders the FGD Switched Access Service for the provision of WATS or WATS-type services. Special Access Services are ordered as set forth in Section 5.2, preceding. Internet Protocol Gateway Access Service (IPG) utilized for connection with FGD at Telephone Company designated IPG SWCs as set forth in Section 16.4, following, is ordered as set forth in Section 5.2, preceding. (C)

(B) FGD is provided at Telephone Company designated end office switches whether routed directly or via Telephone Company designated electronic access tandem switches. The Telephone Company will designate the first point(s) of switching for FGD services where the Telephone Company elects to provide equal access through a centralized equal access arrangement. Those Telephone Company offices providing equal access through centralized arrangements are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

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ACCESS SERVICE (N)

6. Switched Access Service (Cont'd)

6.8 Description and Provision of Feature Group D (FGD)

6.8.1 Description (Cont'd) (N)

(C) FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling. (M)

(D) FGD switching is provided with multifrequency address signaling or out of band SS7 signaling. With multifrequency address signaling and SS7 signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided. (M)

Certain material currently found on this page previously appeared on 3rd Revised Page 6-89.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Description and Provision of Feature Group D (FGD) (Cont'd)

6.8.1 Description (Cont'd)

(E) FGD switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a FGD trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 and 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when FGD switching is combined with Directory Assistance switching. The combination of FGD Switched Access Service with DA Service is provided as set forth in Section 9. following. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Description and Provision of Feature Group D (FGD) (Cont'd)

6.8.1 Description (Cont'd)

(F) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGD switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

(G) The access code for FGD switching is a uniform access code of the form 101XXXX. A uniform access code(s) will be the assigned number of all FGD access provided to the customer by the Telephone Company. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer, as set forth in 13.4 following.

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC + NN.

When the 101XXXX access code is used, FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or the end-of-dialing digit (#) for cut-through access to the customer designated premises.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Description and Provision of Feature Group D (FGD) (Cont'd)

6.8.1 Description (Cont'd)

(H) FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing the 101XXXX uniform access code. Each telephone exchange service line may be marked with a code to identify which 101XXXX code its calls will be directed to for interLATA service.

(I) Unless prohibited by technical limitations, the customer's Interim NXX Translation and/or 800 Data Base traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's non-Interim NXX Translation and/or 800 Data Base traffic. When required by technical limitations, or at the request of the customer, a separate trunk group will be established for Interim NXX Translation and/or 800 Data Base traffic.

(J) When a customer has had FGB access in an end office and subsequently replaces the FGB access with FGD access, at the mutual agreement of the customer and the Telephone Company, the Telephone Company will direct calls dialed by the customer's end users using the customer's previous FGB access code to the customer's FGD access service. The customer must be prepared to handle normally dialed FGD calls, as well as calls dialed with the FGB access code which requires the customer to receive additional address signaling from the end user. Such calls will be rated as FGD. The Telephone Company may, with 90 days' written notice to the customer, discontinue this arrangement.

(K) For FGD switched access service to a Wireless Switching Center (WSC) directly interconnected to a Telephone Company access tandem office, the customer will be billed only the Local Transport premium rate element for the FGD usage. The mileage used to determine the monthly rate for the local transport rate element is as set forth in 6.4.6(G) preceding.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Description and Provision of Feature Group D (FGD) (Cont'd)

6.8.1 Description (Cont'd)

(L) Operator Transfer Service (forwarding of 0- calls) may be provided with FGD Switched Access Service at Telephone Company designated Operator Services locations.

The Telephone Company will provide Operator Transfer Service for calls originating from telephone numbers associated with exchange service lines in end office subtending the Operator Services location. Operator Transfer Service is provided as set forth in Section 6.10.4, following.

(M) For FGD Switched Access Service between an end user's premises and an IPG SWC, the customer will be billed the applicable Local Switching, Information Surcharge and Tandem Switched Transport premium rate elements for its FGD usage. The mileage used to determine the monthly rate for the Tandem Switched Facility, when required, is as set forth in Section 6.4.6(J), preceding.

(N) For FGD Switched Access Service between an end user's premises and an ESALT SWC, the customer will be billed the applicable Local Switching, Information Surcharge and Tandem Switched Transport premium rate elements for its FGD usage. The mileage used to determine the monthly rate for the Tandem Switched Facility, when required, is as set forth in Section 6.4.6, preceding. (N)

6. Switched Access Service (Cont'd)

6.8 Description and Provision of Feature Group D (FGD) (Cont'd)

6.8.2 Optional Features

Following are the various nonchargeable and chargeable optional features that are available in lieu of, or in addition to, the standard features provided with Feature Group D. Nonchargeable Optional Features are provided as Common Switching, Transport Termination and Local Transport options as set forth in (A) through (C) following. Chargeable optional features are set forth in (D) following.

(A) Common Switching Options

Descriptions of the common switching optional features are set forth in 6.10 following.

(1) Automatic Number Identification (ANI)

(2) Service Class Routing

(3) Alternate Traffic Routing

(4) Trunk Access Limitation

(5) Call Gapping Arrangement

(6) International Carrier Option

(7) Band Advance Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

(8) End Office End User Line Service Screening for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

(9) Hunt Group Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

(10) Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

(11) Nonhunting Number Associated with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

(12) Digital Switched 56 Service

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Description and Provision of Feature Group D (FGD) (Cont'd)

6.8.2 Optional Features (Cont'd)

(B) Transport Termination Options

(1) Operator Trunk - Full Feature

The Operator Trunk optional feature is set forth in 6.10.2(C) following.

(C) Local Transport Options

(1) Supervisory Signaling

The Supervisory Signaling optional feature, due to its technical nature, is set forth in 15.1.1 following.

(2) Signaling System 7 (SS7)

The SS7 optional feature allows the customer to send and receive signals for out of band call set up and is available with Feature Group D. This option requires the establishment of a signaling connection between the customer's designated premises/Signaling Point of Interface (SPOI) and a Telephone Company's Signaling Transfer Point (STP).

SS7 is provided in both the originating and terminating direction on FGD and each signaling connection is provisioned for two-way SS7 signaling information.

Certain material formerly found on this page now appears on Original Page 6-94.1.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Description and Provision of Feature Group D (FGD) (Cont'd)

6.8.2 Optional Features (Cont'd)

(C) Local Transport Options (Cont'd)

(3) Multifrequency Address Signaling

(4) Calling Party Number (CPN) Parameter

(5) Charge Number Parameter (CNP)

(6) Carrier Selection Parameter (CSP)

(7) 64 Clear Channel Capability

The 64 Clear Channel Capability optional feature, due to its technical nature, is set forth in Section 15.1.1, following. (T)

(8) Carrier Identification Parameter (CIP)

(D) Chargeable Optional Features

(1) Interim NXX Translation

The Interim NXX Translation Optional Feature is set forth in Section 6.10.3(A), following. (T)

(2) ESALT Real Time Class of Service/Quality of Service (RT CoS/QoS) (N)

The ESALT RT CoS/QoS optional feature is set forth in Section 6.10.3(E), following.

(3) ESALT Entrance Facility Protection (EFP)

The ESALT EFP optional feature is set forth in Section 6.10.3(F), following. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Description and Provision of Feature Group D (FGD) (Cont'd)

6.8.2 Optional Features (Cont'd)

(D) Chargeable Optional Features

(4) Operator Transfer Service (T)

The Operator Transfer Service Optional Feature is provided as set forth in Section 6.10.3(B), following. (T)

(5) Common Channel Signaling/Signaling System 7 (CCS/SS7) Network Connection Service (CCSNC) (T)

The CCSNC Optional Feature is provided as set forth in Section 6.10.3(C), following. (T)

6.8.3 Design and Traffic Routing

For Feature Group D, the Telephone Company shall design and determine the routing of Tandem Switched Transport service, including the selection of the first point of switching and the selection of facilities from the interface to any switching point and to the end offices where busy hour minutes of capacity are ordered. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or two-way trunk groups. Finally, the Telephone Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment.

For Feature Group D Direct Trunked Transport service, the Telephone Company will determine the routing of Switched Access Service from the point of interface to the first point of switching or, if the customer specifies one or more hub locations for multiplexing, from the point of interface to the hub location, from one hub location to another hub location, and/or from a hub location to the first point of switching.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Description and Provision of Feature Group D (FGD) (Cont'd)

6.8.3 Design and Traffic Routing (Cont'd)

Selection of facilities and equipment and traffic routing of the service is based on standard engineering methods, available facilities and equipment, and actual traffic patterns. The Telephone Company will designate the first point(s) of switching and routing to be used where equal access is provided through a centralized equal access arrangement. Those Telephone Company offices providing equal access through centralized arrangements are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO 4.

6.8.4 Measuring Access Minutes

Customer traffic to end offices will be recorded at end office switches or access tandem switches. Originating and terminating calls will be measured or derived to determine the basis for computing chargeable access minutes. In the event the customer message detail is not available because the Telephone Company lost or damaged tapes or incurred recording system outages, the Telephone Company will estimate the volume of lost customer access minutes of use based on previously known values.

FGD access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office.

Originating Usage

For originating calls over FGD the measured minutes are the chargeable access minutes.

For originating calls over FGD, provided with Multi-Frequency Signaling, usage measurement begins when the originating FGD first point of switching receives the first wink supervisory signal forwarded from the customer's point of termination.

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6. Switched Access Service (Cont'd)

6.8 Description and Provision of Feature Group D (FGD) (Cont'd)

6.8.4 Measuring Access Minutes (Cont'd)

Originating Usage (Cont'd)

For originating calls over FGD provided with Signaling System 7 (SS7) Signaling when the FGD end office is not routed through an access tandem for connection to the customer, usage measurement begins when the SS7 Initial Address Message is sent from the Service Switching Point (SSP) to the Signal Transfer Point (STP).

For originating calls over FGD provided with Signaling System 7 (SS7) Signaling when the FGD end office is routed through a tandem for connection to the customer, usage measurement begins when the FGD end office receives the SS7 Exit Message from the tandem.

The measurement of originating call usage over FGD provided with Multi-Frequency Signaling ends when the originating FGD first point of switching receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

The measurement of originating call usage over FGD provided with SS7 Signaling ends when the originating FGD end office receives an SS7 Release Message indicating either the originating or terminating end user has disconnected.

Terminating Usage

For terminating calls over FGD the chargeable access minutes are either measured or derived.

For terminating calls over FGD provided with Multi-Frequency Signaling, where measurement capability exists, the measurement of chargeable access minutes begins when the terminating FGD first point of switching receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered. This measurement ends when the terminating FGD first point of switching receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

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6. Switched Access Service (Cont'd)

6.8 Description and Provision of Feature Group D (FGD) (Cont'd)

6.8.4 Measuring Access Minutes (Cont'd)

Terminating Usage (Cont'd)

For terminating calls over FGD, where measurement capability does not exist, terminating FGD usage is derived from originating usage, excluding usage from calls to closed end services or Directory Assistance Services.

For terminating calls over FGD with SS7 signaling, usage measurement begins when the terminating recording switch receives answer supervision from the terminating end user. The Telephone Company switch receives answer supervision and sends the indication to the customer in the form of an answer message. The measurement of terminating FGD call usage ends when the entry switch receives or sends a release message, whichever occurs first.

6.8.5 Design Blocking Probability

The Telephone Company will design the facilities used in the provision of Switched Access Service FGD to meet the blocking probability criteria as set forth in (A) and (B) following.

(A) For Feature Group D, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's designated premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods as set forth in reference document Telecommunications Transmission Engineering - Volume 3 - Networks and Services (Chapters 6-7) will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.

(B) The Telephone Company will perform routine measurement functions to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., busy hour minutes of capacity or trunks) be ordered by the customer when additional paths are required to reduce the measured blocking to the designed blocking level. For the capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the threshold listed in the following tables.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Description and Provision of Feature Group D (FGD) (Cont'd)

6.8.5 Design Blocking Probability (Cont'd)

(B) (Cont'd)

(1) For transmission paths carrying only first routed traffic direct between an end office and customer's designated premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	7%	8.0%	9%	14.0%
3	5%	6.0%	7%	9.0%
4	5%	6.0%	7%	8.0%
5-6	4%	5.0%	6%	7.0%
7 or more	3%	3.5%	4%	6.0%

(2) For transmission paths carrying first routed traffic between an end office and customer's premises via an access tandem, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	4.5%	5.5%	6.0%	9.5%
3	3.5%	4.0%	4.5%	6.0%
4	3.5%	4.0%	4.5%	5.5%
5-6	2.5%	3.5%	4.0%	4.5%
7 or more	2.0%	2.5%	3.0%	4.0%

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Description and Provision of Feature Group D (FGD) (Cont'd)

6.8.6 Network Blocking Charge

The customer will be notified by the Telephone Company to increase its capacity (busy hour minutes of capacity or quantities of trunks) when excessive trunk group blocking occurs on groups carrying Feature Group D traffic and the measured access minutes for that hour exceed the capacity purchased. Excessive trunk group blocking occurs when the blocking thresholds stated below are exceeded. They are predicated on time consistent, hourly measurements over a 30 day period excluding Saturdays, Sundays and national holidays. If the order for additional capacity has not been received by the Telephone Company within 15 days of the notification, the Telephone Company will bill the customer, at the rate set forth in 17.2.2 following, for each overflow in excess of the blocking threshold when (1) the average "30 day period" overflow exceeds the threshold level for any particular hour and (2) the "30 day period" measured average originating or two-way usage for the same clock hour exceeds the capacity purchased.

Blocking Thresholds

Trunks in Service	1%	1/2%
1-2	7.0%	4.5%
3-4	5.0%	3.5%
5-6	4.0%	2.5%
7 or greater	3.0%	2.0%

The 1% blocking threshold is for transmission paths carrying traffic direct (without an alternate route) between an end office and a customer's premises. The 1/2% blocking threshold is for transmission paths carrying first routed traffic between an end office and a customer's premises via an access tandem.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Description and Provision of Feature Group D (FGD) (Cont'd)

6.8.7 Testing Capabilities

FGD is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.2.4 preceding, which are included with the installation of service (Acceptance Testing) and as ongoing routine testing, Additional Cooperative Acceptance Testing, Additional Automatic Testing and Additional Manual Testing, are available as set forth in 13.3.1 following.

When SS7 Signaling is ordered, network compatibility and other testing will be performed cooperatively by the Telephone Company and the customer as specified in Technical Reference GR-905-CORE. (T)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Interim Access

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Interim Access (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Interim Access (Cont'd)

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6. Switched Access Service (Cont'd)

6.9 Interim Access (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Interim Access (Cont'd)

6.9.2 Abbreviated Dialing Arrangement (ADA)

FGB Switched Access Service with an ADA (FGB ADA) is available to all customers, other than providers of MTS/WATS, from Telephone Company designated end offices. FGB ADA enables end users to utilize a one or two digit access code to access customers who have ordered this service.

(A) FGB ADA Exceptions

FGB ADA is available to all customers other than providers of MTS/WATS and is provisioned like FGB Switched Access Service as set forth in 6.6.1 preceding with the following exceptions:

(1) FGB ADA is available as originating only service, or as both originating and terminating service (2-way). FGB ADA is not available as terminating only service.

(2) FGB ADA is only provided by direct routing to an end office switch.

(3) The forms of the access code for originating FGB ADA switching are N or NX.* Assignment of FGB ADA access codes will be on a first-come, first-served basis and is subject to the availability of access code numbers.

(4) Calls in the terminating direction will not be completed to FGB with an ADA access code (N and NX.)

* The abbreviations N and NX, when used in the context of FGB ADA, denotes the following: N signifies a number between 2 and 9, and X signifies a number between 0 and 9. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided with the Feature Groups. They are provided as Common Switching, Transport Termination, Interim NXX Translation options or Operator Transfer Service option. Local Transport options associated with Common Channel Signaling Network Connection Service (CCSNC) are described in 6.10.1 following. All other Local Transport options, due to their technical nature, are described in 15.1.1 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features

The following table shows the Feature Groups with which the optional features are available.

Option	Available Feature Groups A	B	C	D
A) Call Denial on Line or Hunt Group	X			
B) Service Code Denial on Line or Hunt Group	X			
C) Hunt Group Arrangement	X			
D) Uniform Call Distribution Arrangement	X			
E) Nonhunting Number for Use with Hunt Group or Uniform Call Distribution Arrangement	X			
F) Automatic Number Identification (ANI)		X	X	X
G) Up to 7 Digit Outpulsing of Access Digits to Customer		X		
H) Delay Dial Start-Pulsing Signaling			X	
I) Immediate Dial Pulse Address Signaling			X	
J) Dial Pulse Address Signaling			X	
K) Service Class Routing			X	X
L) Alternate Traffic Routing		X	X	X
M) Trunk Access Limitation			X	X
N) Call Gapping Arrangement				X
O) International Carrier Option				X
P) Band Advance Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services	X	X	X	X
Q) End Office End User Line Service Screening for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services			X	X
R) Hunt Group Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services	X	X	X	X
S) Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services	X	X	X	X
T) Nonhunting Number Associated with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services	X	X	X	X
U) Digital Switched 56 Service			X	X
V) Multifrequency Address Signaling			X	X
W) Signaling System 7 (SS7) Signaling			X	X
X) Calling Party Number (CPN)			X	X
Y) Carrier Selection Parameter (CSP)				X
Z) Charge Number Parameter (CNP)			X	X
AA) Flexible Automatic Number Identification (Flex ANI)				X
AB) Carrier Identification Parameter (CIP)				X

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(A) Call Denial on Line or Hunt Group

This option allows for the screening of terminating Feature Group A calls. There are two screening arrangements available with this option as follows: 1) limiting terminating calls for completion to only 411 or 555-1212 whichever is available, 611, 911, 800 series and a Telephone Company specified set of NXXs within the Telephone Company local exchange calling area of the dial tone office in which the arrangement is provided or, 2) limiting terminating calls to completion to only the NXXs associated with all end offices in the LATA, i.e., the call cannot be further switched or routed out of the LATA nor will calls be completed to 411 or 555-1212 whichever is available, 611, 911 or 800 series. All other calls are routed to a reorder tone or recorded announcement. Arrangement 1 is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices. Arrangement 2 is provided where available. This feature is available with Feature Group A.

(B) Service Code Denial on Line or Hunt Group

This option allows for the screening of terminating calls within the LATA, and for disallowing completion of calls to 0-, 555 and N11 (e.g., 411, 611, and 911). This feature is provided where available in all Telephone Company end offices. It is available with Feature Group A.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(C) Hunt Group Arrangement

This option provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. It is available with Feature Group A. All Feature Group A access services in the same hunt group must provide off-hook supervisory signaling from the same point in time in the call sequence i.e., all off-hook supervisory signals must either be provided by the customer's equipment before the called party answers or all must be forwarded by the customer's equipment when the called party answers.

(D) Uniform Call Distribution Arrangement

This option provides a type of multiline hunting arrangement which provides for an even distribution of calls among the available lines in a hunt group. Where available, this feature is provided in Telephone Company electronic end offices only. It is available with Feature Group A.

(E) Nonhunting Number for Use with Hunt Group or Uniform Call Distribution Arrangement

This option provides access to an individual line within a multiline hunt or uniform call distribution group. When the nonhunting number is dialed, access is provided when it is idle, or busy tone is provided when it is busy. Where available, this feature is provided in Telephone Company electronic end offices only. It is available with Feature Group A.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(F) Automatic Number Identification (ANI)

(1) This option provides the automatic transmission of a seven digit or ten digit number and information digits to the customer designated premises for calls originating in the LATA, to identify the calling station. The ANI feature is an end office software function which is associated on a call-by-call basis with:

(a) all individual transmission paths in a trunk group routed directly between an end office and a customer designated premises or, where technically feasible, with

(b) all individual transmission paths in a trunk group between an end office and an access tandem, and a trunk group between an access tandem and a customer designated premises.

(2) The seven digit ANI telephone number is generally available with Feature Groups B and C. With these Feature Groups, technical limitations may exist in Telephone Company switching facilities which require ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except those originating from multiparty lines, pay telephones using Feature Group B, or when an ANI failure has occurred. Seven digit ANI is not available with SS7 Signaling.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(F) Automatic Number Identification (ANI) (Cont'd)

(3) The ten digit ANI telephone number is only available with Feature Group D. The ten digit ANI telephone number consists of the Number Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as multiparty line or ANI failure, in which case only the NPA will be transmitted (in addition to the information digit described below). Ten digit ANI is provided with multifrequency address signaling or SS7 signaling.

(4) With Feature Group C, at the option of the customer, ANI may be ordered from end offices where Telephone Company recording for end user billing is not provided. Additionally, ANI is provided from end offices where message detail recording is not required by the Telephone Company; as with 800 series service. ANI is not provided from end offices where the Telephone Company forwards ANI to its recording equipment.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(F) Automatic Number Identification (ANI) (Cont'd)

(5) Where complete ANI detail cannot be provided, e.g., on calls from 4 and 8 party services, information digits will be provided to the customer.

The information digits identify:

(a) telephone number is the station billing number - no special treatment required,

(b) multiparty line - telephone number is a 4- or 8- party line and cannot be identified - number must be obtained via an operator or in some other manner,

(c) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - must be obtained by operator or in some other manner,

(d) hotel/motel originated call which requires room number identification,

(e) coinless station, hospital, inmate, etc. call which requires special screening or handling by the customer, and

(f) call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment. The AIOD ANI telephone number is the listed telephone number of the customer and is not the telephone number of the calling party.

These ANI information digits are generally available with Feature Groups B, C, and D.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(F) Automatic Number Identification (ANI) (Cont'd)

(6) Additional ANI information digits are available with Feature Group D also. They include:

(a) InterLATA restricted - telephone number is identified line

(b) InterLATA restricted - hotel/motel line

(c) InterLATA restricted - coinless, hospital, inmate, etc., line

These information digits will be transmitted as agreed to by the customer and the Telephone Company.

Flexible Automatic Number Identification (Flex ANI) is an enhancement to ANI and is offered as a Common Switching Nonchargeable Optional Feature of Feature Group D as described in 6.10.1(AA) following.

(7) Restrictions on Use and Sale of ANI

(a) Interstate access customers of this tariff may use ANI in the following manner:

(i) For billing and collection information, for routing, screening, and completing the originating subscriber's call or transaction, or for services directly related to the originating telephone subscriber's call or transaction.

The customer may use ANI to offer a product or service that is directly related to the products or services previously acquired from the customer by the originating subscriber.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(F) Automatic Number Identification (ANI) (Cont'd)

(7) Restrictions on Use and Sale of ANI (Cont'd)

(b) Interstate access customers of this tariff may not use ANI in the following manner:

(i) Reusing or selling the telephone number or billing information without first notifying the originating telephone subscriber and obtaining the affirmative consent of such subscriber for such reuse or sale.

(ii) Disclosing (except as permitted in (a), preceding), any information derived from the ANI for any purpose other than 1) performing the services or transactions that are the subject of the originating subscriber's call, 2) ensuring network performance security and the effectiveness of call delivery, 3) compiling, using, and disclosing aggregate information, and 4) complying with applicable law or legal process.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(G) Up to 7 Digit Outpulsing of Access Digits to Customer

This option provides for the end office capability of providing up to 7 digits of the uniform access code (950-XXXX) to the customer designated premises.

The customer can request that only some of the digits in the access code be forwarded. The access code digits would be provided to the customer designated premises using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that feature were provided. This feature is available with Feature Group B.

(H) Delay Dial Start-Pulsing Signaling

Where available, this option provides a method of indicating to the near end trunk circuit readiness to accept address signaling information by the far end trunk circuit. Delay dial is often referred to as an off-hook, on-hook signaling sequence. The delay dial signal is the off-hook interval and the start-pulsing signal is the on-hook interval. With integrity check, the calling office will not outpulse until a delay dial (off-hook) signal followed by a start-pulsing (on-hook) signal has been identified at the calling office. This option is available with Feature Group C.

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6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(I) Immediate Dial Pulse Address Signaling

Where available, this option provides for the forwarding of dial pulses from the Telephone Company end office to the customer without the need of a start-pulsing signal from the customer. It is available with Feature Group C.

(J) Dial Pulse Address Signaling

Where available, this trunk side option provides for the transmission of number information, e.g., called number, between the end office switching system and the customer designated premises (in either direction) by means of direct current pulses. It is available with Feature Group C.

(K) Service Class Routing

This option provides the capability of directing originating traffic from an end office to a trunk group to a customer designated premises, based on the line class of service (e.g., coin, multiparty or hotel/motel), service prefix indicator (e.g., 0-, 0+, 01+ or 011+) or Service Access Code (e.g., 900). It is provided in suitably equipped end office or access tandem switches. It is available with Feature Groups C and D.

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6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(L) Alternate Traffic Routing

When the customer orders both Direct Trunked Transport and Tandem Switched Transport at the same end office, this option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a customer designated premises until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to a second customer designated premises. The customer shall specify the last trunk CCS desired for the high usage group. It is provided in suitably equipped end office or access tandem switches. It is available with Feature Groups B, C and D.

(M) Trunk Access Limitation

This option provides for the routing of originating 900 service calls to a specified number of transmission paths in a trunk group, in order to limit (choke) the completion of such traffic to the customer. Calls to the designated service which could not be completed over the subset of transmission paths in the trunk group, i.e., the choked calls, would be routed to reorder tone. It is provided in all Telephone Company electronic end offices and where available in electromechanical end offices. It is available with Feature Groups C and D.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(N) Call Gapping Arrangement

This option, provided in suitably equipped end office switches, provides for the routing of originating calls to 900 service to be switched in the end office to all transmission paths in a trunk group at a prescribed rate of flow, e.g., one call every five seconds, in order to limit (choke) the completion of such traffic to the customer. Calls to the designated service which are denied access by this feature, i.e., the choked calls, would be routed to a no-circuit announcement. It is provided in selected Feature Group D equipped end offices and is available only with Feature Group D.

(O) International Carrier Option

This option allows for Feature Group D end offices or access tandem switches equipped for International Direct Distance Dialing to be arranged to forward the international calls of one or more international carriers to the customer (i.e., the Telephone Company is able to route originating international calls to a customer other than the one designated by the end user either through presubscription or 101XXXX dialing). This arrangement requires provision of written verification to the Telephone Company that the customer is authorized to forward such calls. The written verification must be in the form of a letter of agency authorizing the customer to order the option on behalf of the international carrier. This option is only provided at Telephone Company end offices or access tandems equipped for International Direct Distance Dialing and is available only with Feature Group D.

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6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(P) Band Advance Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

This option, which is provided in association with two or more Special Access Service groups, provides for the automatic overflow of terminating calls to a second Special Access Service group, when the first group has exceeded its call capacity. This option is available with Feature Groups A, B, C and D.

(Q) End Office End User Line Service Screening for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

This option provides the ability to verify that an end user has dialed a called party address (by screening the called NPA and/or NXX on the basis of geographical bands selected by the Telephone Company) which is in accordance with that end user's service agreement with the customer, e.g., WATS. This option is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices which are designated as WATS Serving Offices. It is available with Feature Groups C and D.

(R) Hunt Group Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

This option provides the ability to sequentially access one of two or more Special Access Services utilized in the provision of WATS services (e.g., 800 Series Service Special Access services) in the terminating direction, when the hunting number of the Special Access Service group is forwarded from the customer to the Telephone Company. This feature is provided in all Telephone Company designated WATS Serving Offices. It is available with Feature Groups A, B, C and D.

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6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(S) Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

This option provides a type of multiline hunting arrangement which provides for an even distribution of terminating calls among the available Special Access Services utilized in the provision of WATS or WATS-type Services in the hunt group. Where available, this feature is only provided in Telephone Company designated WATS Serving Offices. It is available with Feature Groups A, B, C and D.

(T) Nonhunting Number Associated with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

This option provides an arrangement, for an individual Special Access Service utilized in the provision of WATS or WATS-type Services within a multiline hunt or uniform call distribution group, that provides access to that Special Access Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed, without hunting to the next idle number. Where available, this feature is only provided in Telephone Company designated WATS Serving Offices. It is available with Feature Groups A, B, C and D.

(U) Digital Switched 56 Service

This option provides for a connection between a customer's premise and a suitably equipped end user's premise which uses end office switching and facilities capable of transmitting digital data up to 56 Kilobits per second. Digital Switched 56 Service is only available in appropriately provisioned Feature Group C and Feature Group D offices as set forth in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

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6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(V) Multifrequency Address Signaling

Multifrequency Address Signaling is available as an optional feature with FGC and FGD. This feature provides for the transmission of number information and control signals (e.g., number address signals, automatic number identification) between the end office switch and the customer's premises (in either direction). Multifrequency signaling arrangements make use of pairs of frequencies out of a group of six frequencies. Specific information transmitted is dependent upon feature group and call type (i.e., POTS, coin or operator). This feature is not available in combination with SS7 signaling.

(W) Signaling System 7 (SS7) Signaling

This feature provides common channel out of band transmission of address and supervisory SS7 protocol signaling information between the end office switch or the tandem office switching system and the customer's designated premises. The signaling information is transmitted over facilities provided with the Common Channel Signaling/Signaling System 7 Network Connection Service (CCSNC) as specified in 6.1.3(A)(8) preceding. This feature is available with FGC and FGD and will be provided in accordance with the SS7 Interconnect specifications described in Technical Reference GR-905-CORE. (T)

(X) Calling Party Number (CPN)

This feature provides for the automatic transmission of the ten digit telephone number, associated with a calling station, to the customer's premises for calls originating in the LATA. The ten digit telephone number consists of the NPA plus the seven digit telephone number, which may or may not be the same number as the calling station's charge number. The ten digit telephone number will be coded as presented, or restricted via a "privacy indicator" for delivery to the called end user. This feature is automatically provided with originating FGC and FGD with SS7 signaling. CPN is available where technically feasible.

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(X) Calling Party Number (CPN) (Cont'd)

(1) Restrictions on Use and Sale of CPN

(a) Interstate access customers of this tariff may use CPN in the following manner:

(i) For billing and collection information, for routing, screening, and completing the originating subscriber's call or transaction, or for services directly related to the originating telephone subscriber's call or transaction.

The customer may use CPN to offer a product or service that is directly related to the products or services previously acquired from the customer by the originating subscriber.

(b) Interstate access customers of this tariff may not use CPN in the following manner:

(i) Reusing or selling the telephone number or billing information without first notifying the originating telephone subscriber and obtaining the affirmative consent of such subscriber for such reuse or sale.

(ii) Disclosing (except as permitted in (a), preceding) any information derived from the CPN for any purpose other than 1) performing the services or transactions that are the subject of the originating subscriber's call, 2) ensuring network performance security and the effectiveness of call delivery, 3) compiling, using, and disclosing aggregate information, and 4) complying with applicable law or legal process.

(x) Issued to reflect new corporate address.

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(Y) Carrier Selection Parameter (CSP)

This feature provides for the automatic transmission of a signaling indicator which signifies to the customer whether or not the call being processed originated from a presubscribed line. If the line was presubscribed, the indicator will signify if the end user did or did not dial 101XXXX. This feature is provided with originating FGD with SS7 signaling.

(Z) Charge Number Parameter (CNP)

(1) The CNP is equivalent to the existing ten digit Automatic Number Identification (ANI) available with FGC where technically feasible and FGD with MF signaling. The CNP provides for the automatic transmission of the ten digit billing number of the calling station and the originating line information. This feature is provided with originating FGC and FGD with SS7 signaling.

(2) Restrictions on Use and Sale of CNP

(a) Interstate access customers of this tariff may use CNP in the following manner:

(i) For billing and collection information, for routing, screening and completing the originating subscriber's call or transaction, or for services directly related to the originating telephone subscriber's call or transaction.

The customer may use CNP to offer a product or service that is directly related to the products or services previously acquired from the customer by the originating subscriber.

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6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(Z) Charge Number Parameter (CNP) (Cont'd)

(2) Restrictions on Use and Sale of CNP (Cont'd)

(b) Interstate access customers of this tariff may not use CNP in the following manner:

(i) Reusing or selling the telephone number or billing information without first notifying the originating telephone subscriber and obtaining the affirmative consent of such subscriber for such reuse or sale.

(ii) Disclosing, except as permitted in (a), preceding, any information derived from the CNP for any purpose other than 1) performing the services or transactions that are the subject of the originating subscribers call, 2) ensuring network performance security and the effectiveness of call delivery, 3) compiling, using, and disclosing aggregate information, and 4) complying with applicable law or legal process.

(AA) Flexible Automatic Number Identification (Flex ANI)

Flex ANI is a Common Switching Optional Feature that enhances the existing Automatic Number Identification (ANI) optional feature (described in 6.10.1 (F) preceding) by allowing Feature Group D (FGD) customers to receive additional information digits. Flex ANI provides additional values for these information digits over and above the values currently available with ANI and is used to identify additional call types, e.g., 27 for pay telephones requiring central office coin supervision capability, 29 for prison/inmate pay telephones, and 70 for pay telephones not requiring central office coin supervision. Flex ANI can also be used to provide Originating Line Screening (OLS) service. OLS service is described in 13.10 following.

(x) Issued to reflect new corporate address.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.1 Common Switching Nonchargeable Optional Features (Cont'd)

(AA) Flexible Automatic Number Identification (Flex ANI) (Cont'd)

Flex ANI information digits are two digits in length and are activated through switched software program updates. These codes precede the 10-digit directory number of the calling line and are part of the signaling protocol in equal access end offices. The information digits are outpulsed by the switching system along with the directory number from the originating end office and are sent to the receiving office for billing, routing, or special handling purposes.

Customers who have ANI but do not order Flex ANI, will continue to receive the information digits associated with ANI. Flex ANI digits are assigned by the North American Numbering Plan Administrator. The Telephone Company will make available those information digits that are mutually agreed to by the customer and the Telephone Company.

Flex ANI is available to customers with FGD Switched Access Service equipped with ANI. Flex ANI is available in suitably equipped end offices as identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

(AB) Carrier Identification Parameter (CIP)

Carrier Identification Parameter (CIP) provides for the automatic transmission of the Carrier Identification Code (CIC) to the Customer Designated Premises for FG D calls originating in the LATA. The CIC is included in the Signaling System 7 information provided to the customer when the call originates from a presubscribed line or when the end user dials the customer’s 101XXXX access code. CIP is available from suitably equipped end office and access tandems as identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, when used in conjunction with Common Channel Signaling/Signaling System 7 Network Connection Service (CCSNC) as described in 6.10.3(C) following and Signaling System 7 Signaling as described in 6.10.1(W) preceding.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.2 Transport Termination Nonchargeable Optional Features

(A) Rotary Dial Station Signaling

This option provides for the transmission of called party address signaling from rotary dial stations to the customer designated premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with Feature Group B, only on a directly trunked basis.

(B) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin

This option may be ordered to provide coin, non-coin, or combined coin and non-coin operation. It is available only with Feature Group C and is provided in electronic end offices and other Telephone Company end offices where equipment is available. It is provided as a trunk type of Transport Termination.

Coin, Non-Coin:

This arrangement provides for initial coin return control, except in the case of non-coin, and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating coin and non-coin calls requiring operator assistance to the customer designated premises. Because operator assisted coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

This arrangement is normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's automated operator services systems, rather than in the customer's manual cord boards.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.2 Transport Termination Nonchargeable Optional Features

(B) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

Combined Coin and Non-Coin:

When so equipped, the ANI optional feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for coinless pay telephones, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

(C) Operator Trunk - Full Feature

This option provides the initial coin return control function to the customer's operator. It is available with Feature Group D and is provided as a trunk type for Transport Termination. This feature is not available with SS7 signaling.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.3 Chargeable Optional Features

(A) Interim NXX Translation

This service is an originating offering utilizing trunk side Switched Access Service and provides a customer identification function based on the dialed SAC and NXX code.

For example, when a 1+900+NXX-XXXX call is originated by an end user, the Telephone Company will perform the customer identification function based on the dialed digits to determine the customer location to which the call is to be routed. If the call originates from an end office switch not equipped to provide the customer identification function, the call will be routed to an office at which the function is available. Once customer identification has been established, the call will be routed to that customer. Calls originating from an end office switch at which the customer identification function is performed, but to which the customer has not ordered Interim NXX Translation, will be blocked.

Calls to a 900 number dialed via 1+ from coin telephones, 0-, 101XXXX, Inmate Service, and Hotel/Motel Service will be blocked. Calls to a 900 number dialed via 0+ will normally be blocked. Orders received from customers to unblock 0+ calls to a 900 number will be accommodated where suitably equipped facilities exist.

The manner in which Interim NXX Translation is provided is dependent on the status of the end office from which the service is provided (i.e., equipped with equal access capabilities or not equipped with equal access capabilities). When Interim NXX Translation is provided from an end office not equipped with equal access capabilities, it will be provided in conjunction with FGC Switched Access Service.

The charge for Interim NXX Translation is as set forth in 17.2.1(C) following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.3 Chargeable Optional Features (Cont'd)

(B) Operator Transfer Service

At the option of the customer, Operator Transfer Service as specified following, is available for use with Feature Group C and Feature Group D Switched Access Service. Operator Transfer Service is ordered as set forth in 5.2 preceding and is provided to the customer via separate FGC or FGD trunks dedicated to Operator Transfer Service traffic.

Operator Transfer Service is an arrangement in which Telephone Company operators transfer 0 minus (0-) calls (calls for which the end user dials 0 with no additional digits) to the customer designated by the end user.

The operator transfer function will be performed in the following manner:

- The operator answers the 0- call.

- Initially, the Operator will suggest that the end user dial the customer on a direct basis. If the end user insists that the Operator transfer the call, the Operator will ask the end user to identify the desired customer and will then transfer the call as directed.

- If the end user has no preference, or the identified customer has not subscribed to Operator Transfer Service, the end user will be asked to select from a list of available customers.

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6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.3 Chargeable Optional Features (Cont'd)

(B) Operator Transfer Service (Cont'd)

The list of available Operator Transfer Service customers will be updated monthly. The order in which customers will be read to end users will be initially determined by the sequence in which customers have ordered the Operator Transfer Service. For each subsequent month, following the initial order for Operator Transfer Service, the customer in the first position on the list will be moved to the last position on the list. All other customers on the list will be moved up one position, e.g. 3rd to 2nd, 2nd to first, etc. New Operator Transfer Service customers will initially be placed at the bottom of the list of customers.

0 minus pay telephone coin calls will be transferred to the end user designated customer. In order to accept coin sent- paid calls, the customer must order signalling as specified in GR-506-CORE and TR-NPL-000258. (T)

The customer may receive inband, multi-wink, or expanded inband coin control signalling, where available, from end offices served by an Operator Services Access Point. Different signalling types cannot be mixed on a signal trunk group.

All non-recurring and usage sensitive rates and charges normally applicable to Feature Groups C or D apply to Operator Transfer Service. Additionally, a charge as specified in 6.1.3(C)(2) preceding and 17.2.7 following, is assessed the customer per 0 minus call transferred.

(C) Common Channel Signaling/Signaling System 7 Network Connection Service (CCSNC)

Common Channel Signaling/Signaling System 7 (CCS/SS7) Network Connection Service (CCSNC), which is available with Feature Group C and D, where technically feasible as designated in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF FCC NO. 4, WIRE CENTER INFORMATION, provides a signaling path between a customer's designated Signaling Point of Interface (SPOI) and a Signaling Transfer Point (STP). This service provides customers with the use of a two-way signaling path for accessing information necessary for the completion of their end user's calls.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.3 Chargeable Optional Features (Cont'd)

(C) Common Channel Signaling/Signaling System 7 Network Connection Service (CCSNC) (Cont'd)

CCS/SS7 Network Connection Service is comprised of two parts; a Signaling Network Access Link (SNAL, consisting of Signaling Mileage Facility, Signaling Mileage Termination and Signaling Entrance Facility) and a Signaling Transfer Point (STP) Port. The SNAL is provided as a dedicated 56 Kbps out-of-band signaling connection between the customer's SPOI and the STP Port on the STP.

The CCS/SS7 Network Connection Service is provisioned by a mated pair of STPs as described in Technical Reference GR-905–CORE in order to ensure network availability and reliability. The Telephone Company shall not be held liable for service outages if the customer employs technology related to the interconnection of signaling networks that do not adhere to generally accepted industry technical standards.

When CCS/SS7 Network Connection service is provisioned for use with SS7 Signaling, interconnection between signaling networks must occur at an STP.

Rates and charges for the CCS/SS7 Network Connection STP Ports and Signaling Network Access Links are contained in Section 17.2.2, following. The Telephone Company specific rate band assignment for the STP Port and Signaling Network Access Link rate elements is specified in the Local Transport (LT) column in Section 17.5.1, following. (T)

(D) 800 Data Base Access Service

800 Data Base Access Service is provided with FGC or FGD Switched Access Service. When a 1+800series+NXX-XXXX call is originated by an end user, the Telephone Company will utilize the Signaling System 7 (SS7) network to query an 800 data base to perform the identification function. The call will then be routed to the identified customer over FGC or FGD switched access. The 800 series includes the following service area codes: 800, 888, 877, 866, 855, 844, 833 and 822.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.3 Chargeable Optional Features (Cont'd)

(D) 800 Data Base Access Service (Cont'd)

The manner in which 800 data base access service is provided is dependent on the availability of SS7 service at the end office from which the service is provided as outlined following:

- When 800 data base access service originates at an end office equipped with Service Switching Point (SSP) capability for querying centralized data bases or at a non-SSP equipped end office that can accommodate direct trunking of originating 800 series calls, all such service will be provisioned from that end office.

- When 800 data base access service originates at an end office not equipped with SSP customer identification capability, the 800 series call will be delivered to the access tandem on which the end office is homed for 800 series service and which is equipped with the SSP feature to query centralized data bases.

- When 800 data base access service originates at an end office equipped with SSP capability that is not capable of accommodating direct trunking of originating 800 series (other than the 800 service access codes) calls, the 800 series (other than the 800 service access codes) call will be delivered to the access tandem on which the end office is homed and which is equipped with the SSP feature to query centralized data bases.

Query charges as set forth in 17.2.2 following are in addition to those charges applicable for the Feature Group C or Feature Group D switched access service.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.3 Chargeable Optional Features (Cont'd)

(D) 800 Data Base Access Service (Cont'd)

The Federal Communications Commission ("FCC") has concluded that hoarding, defined as the acquisition of more toll free numbers than one intends to use for the provision of toll free service, as well as the sale of a toll free number by a private entity for a fee, is contrary to the public interest in the conservation of the scarce toll free number resource and contrary to the FCC's responsibility to promote the orderly use and allocation of toll free numbers.

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6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.3 Chargeable Optional Features (Cont'd)

(E) Ethernet Switched Access Local Transport Real Time Class of Service/Quality of Service (ESALT RT CoS/QoS) (N)

Where suitable facilities exist, the ESALT RT CoS/QoS option will be available for use on an ESALT Direct Trunked Facility (DTF). This optional arrangement is available only on that portion of the ESALT DTF provided by the Telephone Company within its operating territory. The ESALT RT CoS/QoS option is not available for use with jointly provided ESALT.

When ordered by the customer, the Telephone Company's network will transport the customer's traffic across its network to meet the frame delay, inter frame delay variation and frame loss ratio parameters specified in the following Technical References:

- IEEE Standard 802.1D-2004, Sections 7, 9, 17 and Annex G provided the customer's CPE populates the user priority value field with a value of 6 and
- Implementation Agreement MEF 23.1, January 2012, Table 7, Label H, Regional Performance Tier.

The capacity ordered for the ESALT RT CoS/QoS option must be equal to the full capacity of the associated ESALT DTF. (N)

ACCESS SERVICE (N)

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.3 Chargeable Optional Features (Cont'd)

(E) Ethernet Switched Access Local Transport Real Time Class of Service/Quality of Service (ESALT RT CoS/QoS) (Cont'd)

When one or more of the ESALT RT CoS/QoS performance criteria specified in the Technical References listed above is not met, the customer reports the performance failure to the Telephone Company and the performance failure does not result in a service interruption of the customer's ESALT, the following provisions will apply in lieu of the credit allowance provisions for service interruptions specified in Section 2.4.4, preceding.

- No credit will be applied for the performance failure when the Telephone Company restores the customer's service to the required ESALT RT CoS/QoS performance criteria levels within four hours after receipt of the trouble report from the customer or when the Telephone Company determines during its trouble investigation that the customer's equipment caused the performance failure.

- When the Telephone Company fails to restore the customer's service to the required ESALT RT CoS/QoS performance criteria levels within four hours after receipt of the trouble report and the trouble is found to be in the Telephone Company's network, the Telephone Company will provide the customer with a service credit equal to 144/1440 of the undiscounted monthly charges for the impacted ESALT DTF(s) and associated ESALT RT CoS/QoS (N)

ACCESS SERVICE (N)

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.3 Chargeable Optional Features (Cont'd)

(E) Ethernet Switched Access Local Transport Real Time Class of Service/Quality of Service (ESALT RT CoS/QoS) (Cont'd)

option(s) for the initial four hour period and for each subsequent fractional four hour period until the performance failure is resolved. The total service credits due under this provision during a single billing month may not exceed the total undiscounted monthly charges for the impacted ESALT DTF(s) and associated ESALT RT CoS/QoS option(s).

A capacity based monthly recurring charge (i.e., 2 Mbps, 10 Mbps or 50 Mbps) applies to each ESALT RT CoS/QoS option ordered by the customer in addition to the applicable charges for the associated ESALT DTF. Charges for the ESALT RT CoS/QoS option are as specified in Section 17.2.2(C), following. An Access Order Charge applies to subsequently add the ESALT RT CoS/QoS option to an existing ESALT DTF. The Access Order Charge does not apply to remove the ESALT RT CoS/QoS option.

The Telephone Company specific rate band assignment for the ESALT RT CoS/QoS option is specified in the Local Transport (LT) column in Section 17.5.1, following. (N)

ACCESS SERVICE (N)

6. Switched Access Service (Cont'd)

6.10 Chargeable and Nonchargeable Optional Features (Cont'd)

6.10.3 Chargeable Optional Features (Cont'd)

(F) Ethernet Switched Access Local Transport Entrance Facility Protection (ESALT EFP)

Where suitable facilities exist, an ESALT customer that requires stand-by capability on its ESALT Entrance Facility (EF) may order the ESALT EFP option.

This optional arrangement establishes a stand-by ESALT EF between the customer designated premises and the Telephone Company's suitably equipped serving wire center at the same bandwidth capacity as the customer's ESALT EF, which will be activated to restore service should a failure occur in the customer's ESALT EF. ESALT EFP is not available when the ESALT EF is used in conjunction with mixed use as described in Section 6.4.7, above.

When ordered by the customer, the Telephone Company's network will automatically redirect the customer's IP formatted traffic to the stand-by ESALT EF as described in Technical Reference IEEE Standard 802.1D-2004, Section 17.

A capacity based monthly recurring charge (i.e., 2 Mbps, 10 Mbps or 50 Mbps) and nonrecurring charge applies to each ESALT EFP option ordered by the customer in addition to the applicable charges for the associated ESALT EF. An Access Order Charge applies in addition to the ESALT EFP nonrecurring charge to subsequently add the ESALT EFP option to an existing ESALT EF. Charges for the ESALT EFP option are as specified in Section 17.2.2(D), following. (N)

ACCESS SERVICE

7. Special Access Service

7.1 General

Special Access Service provides a transmission path to connect customer designated premises *, directly, or through a Telephone Company hub or hubs where bridging or multiplexing functions are performed, or to connect a customer designated premises and a WATS Serving Office, or to connect a customer designated premises to a DSL Access Service Connection Point, or to connect a customer designated premises to a Public Packet Data Network Service. Special Access Service includes all exchange access not utilizing Telephone Company end office switches.

The connections provided by Special Access Service can be either analog, digital or optical. Analog connections are differentiated by spectrum and bandwidth. Digital and optical connections are differentiated by bit rate.

Special Access Service purchased from the provisions of this tariff may be commingled with unbundled network elements or unbundled network element combinations purchased pursuant to the Commission's Part 51 Interconnection Rules and in compliance with the Federal Communications Commission's Report and Order and Order on Remand and Further Notice of Proposed Rulemaking in CC Docket Nos. 01-338, 96-98 and 98-147, adopted February 20, 2003 and released August 21, 2003 (FCC 03-36). (N)

Certain material formerly found on this page can now be found on Original Page 7-1.1.

* Telephone Company Centrex CO and CO-like switches and packet switches included in Public Packet Switching Network (PPSN) Service are considered to be a customer designated premises for purposes of this tariff.

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ACCESS SERVICE (N)

7. Special Access Service (Cont'd)

7.1 General (Cont'd) (N)

7.1.1 Channel Types (M)

There are eight types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum

Customers can order a basic channel and select from a list of those available transmission parameters and channel interfaces that they desire in order to meet specific communications requirements.

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Metallic Service in this tariff, there is no restriction against doing so. (M)

Certain material currently found on this page formerly appeared on 6th Revised Page 7-1.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.1 Channel Types (Cont'd)

Following is a brief description of each type of channel:

Metallic - a channel for the transmission of low speed varying signals at rates up to 30 baud.

Telegraph Grade - a channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud.

Voice Grade - a channel for the transmission of analog signals within an approximate bandwidth of 300 to 3000 Hz.

Program Audio - a channel for the transmission of audio signals. The nominal frequency bandwidths are from 200 to 3500 Hz, from 100 to 5000 Hz, from 50 to 8000 Hz, or from 50 to 15000 Hz.

Video - a channel for the transmission of standard 525 line 60 field monochrome or National Television Systems Committee color video signal and one or two associated 5 or 15 kHz audio signals. The bandwidth is either 30 Hz to 4.5 MHz or 30 Hz to 6.6 MHz.

Digital Data - a channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 Kbps.

High Capacity - a channel for the transmission of isochronous serial digital data at rates of 1.544, 3.152, 6.312, 44.736 or 274.176 Mbps.

Synchronous Optical - a high speed channel for the transmission of synchronous full duplex data over optical fiber at rates of 155.52 or 622.08 Mbps.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.1 Channel Types (Cont'd)

Detailed descriptions of each of the channel types are provided in 7.4 through 7.11 following.

The customer also has the option of ordering Voice Grade and High Capacity facilities (e.g., 1.544 Mbps and 44.736 Mbps) to Telephone Company hubs for multiplexing to individual channels of a lower capacity or bandwidth. Descriptions of the types of multiplexing available at the hubs, as well as the number of individual channels which may be derived from each type of facility, are set forth in 7.6 and 7.10 following. Additionally, the customer may specify optional features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the optional features and functions available are set forth in 7.2.1 following.

For example, a customer may order a 44.736 Mbps High Capacity channel from a customer designated premises to a Telephone Company hub for multiplexing to twenty-eight 1.544 Mbps channels. The 1.544 Mbps channels may be further multiplexed at the same or a different hub to Voice Grade channels or may be extended to other customer designated premises or hubs. Optional features may be added to either the 1.544 Mbps or the Voice Grade channels.

Similarly, the customer has the option of ordering Synchronous Optical Channel Service to a wire center equipped for Add/Drop Multiplexing. This allows lower level signals to be added or dropped from a high speed optical carrier channel for delivery to a customer designated premises, WATS office, Public Packet Data Network Service, or another wire center. A description of Add/Drop Multiplexing is set forth in 7.11.3(B) following.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.2 Service Descriptions

For the purposes of ordering, there are eight categories of Special Access Service. These are:

Service Designator Codes	
Metallic	MT
Telegraph Grade	TG
Voice	VG
Program Audio	AP
Video	TV
Digital Data	DA
High Capacity	DS
Synchronous Optical	OC

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Technical specifications packages are described in Section 15. following, optional features and functions are described in this section. Channel interfaces are described in 15.2 following.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be advised and given the opportunity to change the order.

Certain material previously found on this page now appears on 3rd Revised Page 7-5.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.2 Service Descriptions (Cont'd)

The channel descriptions provided in 7.4 through 7.11 following, specify the characteristics of the basic channel and indicate whether the channel is provided between customer designated premises, between a customer designated premises and a Telephone Company hub where bridging or multiplexing functions are performed, between hubs, between a customer designated premises and a WATS Serving Office, between a customer designated premises and a DSL Access Service Connection Point, between a customer designated premises and a wire center equipped with a Public Packet Data Network Service, between a Telephone Company serving wire center equipped with Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) and another telephone company ATM-equipped serving wire center, between a Telephone Company serving wire center equipped with Frame Relay Access Service (FRAS) and another telephone company serving wire center equipped with a frame relay switch that is located in a non-adjacent serving territory or between a Telephone Company serving wire center equipped with Ethernet Transport Service (ETS) and another telephone company Ethernet-equipped serving wire center that is located in a non-adjacent serving territory. (T) (C) (C)

(A) Information pertaining to the technical specifications packages indicates the transmission parameters that are available with each package. This information is displayed in matrices set forth in 15.2 following.

(B) Channel interfaces at each Point of Termination on a two-point service may be symmetrical or asymmetrical. On a multipoint service they may also be symmetrical or asymmetrical, but communications can only be provided between compatible channel interfaces. Only certain channel interfaces are compatible. These are set forth in 15.2 following, in a combination format.

ACCESS SERVICE (N)

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.2 Service Descriptions (Cont'd) (N)

(C) Only certain channel interface combinations are available with the predefined technical specifications packages. These are delineated in the Technical References set forth in (F) following. When a customized channel is requested, all channel interface combinations available with the specified type of service are available with the customized channel. (M)

(D) The optional features and functions available with each type of Special Access Service are described in this section. The optional features and functions information also indicates with which technical specifications packages they are available. Such information is displayed in matrices set forth in 15.2 following with the optional feature or function listed down the left side and the technical specifications package listed across the top. (M)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.2 Service Descriptions (Cont'd)

(E) The Telephone Company will maintain services installed prior to April 1, 1985, at their existing transmission specifications, provided such performance specifications do not exceed the standards listed in this provision. Those services exceeding the standards listed will be maintained at the performance levels specified in this tariff.

(F) All services installed after April 1, 1985 will conform to the transmission specifications standards contained in this tariff or in the following Technical References for each category of service:

Metallic	TR-NPL-000336	
Telegraph Grade	TR-NPL-000336	
Voice Grade	TR-NWT-000335	
		(D)
		(D)
Program Audio and associated Addendum	GR-337-CORE	
Video	GR-338-CORE	
Digital Data	TR-NWT-000341	
(64 Kbps and Subrates)	Pub 62310 (MDP-326-726)	(T)
	ATIS-0600410.2001	(T)
		(D)
High Capacity	GR-342-CORE	
	GR-54-CORE	
Synchronous Optical For OC3, OC3c and OC12	GR-253-CORE	
	GR-1374-CORE	
	ATIS-0900105	
	ATIS-0900102	

7.1.3 Service Configurations

There are three types of service configurations over which Special Access Services are provided: two-point service, multipoint service and Synchronous Optical Channel Service.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.2 Service Descriptions (Cont'd)

(A) Two-Point Service

A two-point service connects two customer designated premises, either on a directly connected basis or through a hub where multiplexing functions are performed, or a customer designated premises and a DSL Access Service Connection Point, or a customer designated premises and a wire center equipped with a Public Packet Data Network Service, or a customer designated premises and a WATS Serving Office (WSO). (C)

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

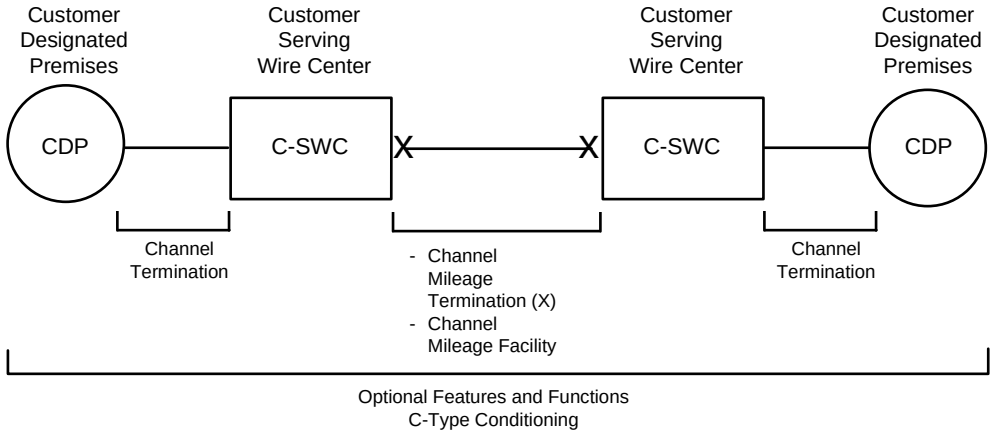
7.1.3 Service Configurations (Cont'd)

(A) Two-Point Service (Cont'd)

Applicable rate elements are:
- Channel Terminations
- Channel Mileage (as applicable)
- Optional Features and Functions (when applicable)

A Special Access Surcharge, as set forth in 7.3 following, may be applicable.

The following diagram depicts a two-point Voice Grade service connecting two Customer Designated Premises (CDP). The service is provided with C-Type conditioning.



Applicable rate elements are:

- Channel Terminations (applicable one (1) per CDP)
- Channel Mileage
  - 2 Channel Mileage Terminations plus
  - 1 section, Channel Mileage Facility per mile
- C-Type Conditioning Optional Feature

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ACCESS SERVICE

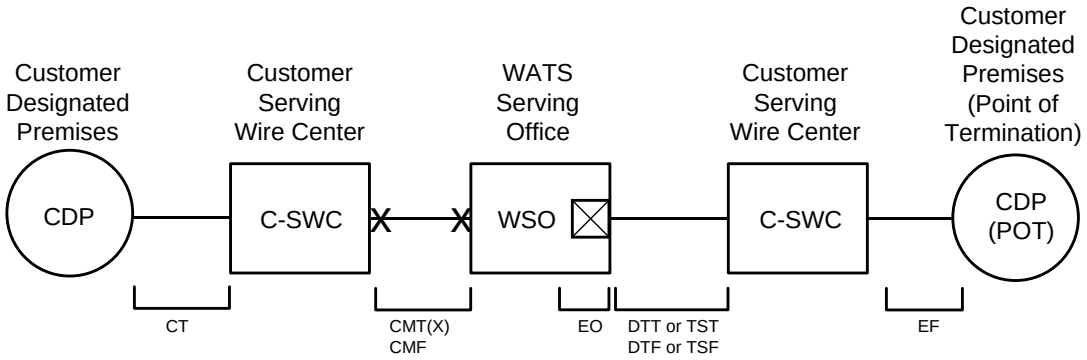
7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(A) Two-Point Service (Cont'd)

The following diagram depicts a two-point Voice Grade service connecting a customer designated premises to a WATS serving office.



(C)

Special Access

CT - Channel Termination
CMT - Channel Mileage Termination
CMF - Channel Mileage Facility

Switched Access

EO - End Office Elements
DTT - Direct Trunked Termination
TST - Tandem Switched Termination
DTF - Direct Trunked Facility
TSF - Tandem Switched Facility
EF - Entrance Facility

Applicable rate elements for Special Access are:

- Channel Termination
- Channel Mileage
  . 2 Channel Mileage Terminations plus
  . 1 section, Channel Mileage Facility per mile
- Special Access Surcharge*

* May not apply if exemption certification is provided.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(B) Multipoint Service

Multipoint service connects three or more customer designated premises through one or more Telephone Company hubs. Only certain types of Special Access Service are provided as multipoint service. These are so designated in the descriptions for the appropriate channel.

The channel between hubs (i.e., bridging locations) on a multipoint service is a mid-link. There is no limitation on the number of mid-links available with a multipoint service. However, when more than three mid-links in tandem are provided the quality of the overall service may be degraded.

Multipoint service utilizing a customized technical specifications package, as set forth in 7.1.2 preceding and 15.2 following, will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

When ordering, the customer will specify the desired bridging hub(s). NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 4 identifies serving wire centers, hub locations and the type of bridging functions available.

Applicable Rate Elements are:

- Channel Terminations (one per customer designated premises)
- Channel Mileage (as applicable between the serving wire center for each customer designated premises and the hub and between hubs).
- Bridging
- Additional Optional Features and Functions (when applicable).

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ACCESS SERVICE

7. Special Access Service (Cont'd)

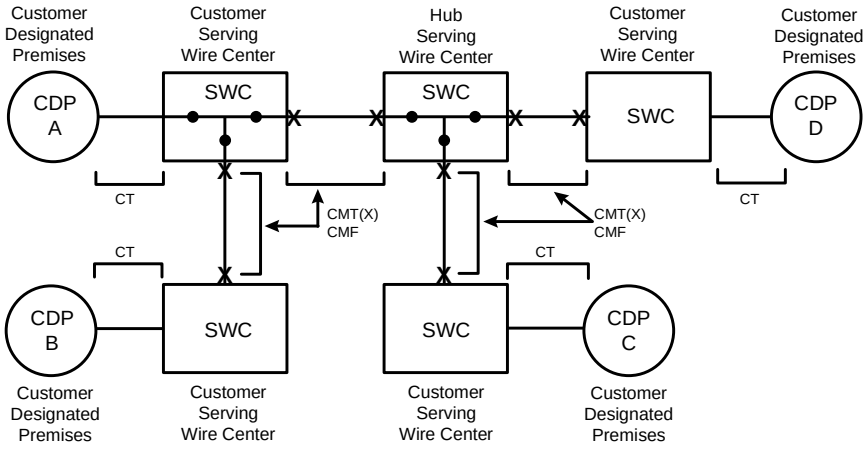
7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(B) Multipoint Service (Cont'd)

The Special Access Surcharge, as set forth in 7.3 following, may be applicable.

Example: Voice Grade multipoint service connecting four customer designated premises (CDP) via two customer specified bridging hubs.



CT - Channel Termination
CMT - Channel Mileage Termination
CMF - Channel Mileage Facility
o - Bridging Port

Applicable rate elements are:

- Channel Terminations (4 applicable)
- Channel Mileage
  - o 2 Channel Mileage Terminations per Channel Mileage Facility section for a total of 8, plus
  - o 4 sections, Channel Mileage Facility per mile
- Bridging Optional Feature (6 applicable, i.e., each bridge port)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

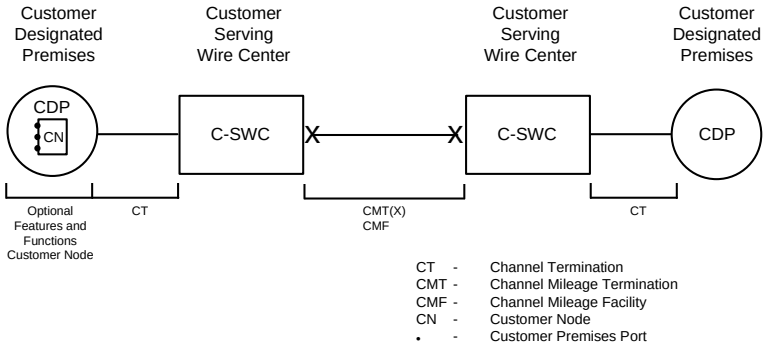
7.1.3 Service Configurations (Cont'd)

(C) Synchronous Optical Channel Service

A Synchronous Optical Channel Service connects two customer designated premises, or a customer designated premises and a DSL Access Service Connection Point, or a customer designated premises and a wire center equipped for Add/Drop Multiplexing, or a customer designated premises and a wire center equipped with an Asynchronous Transfer Mode Cell Relay Access Service, or a customer designated premises and a wire center equipped with an Ethernet Transport Service. (C) (C) The connection is provided via a high speed optical carrier communications path delivering an optical handoff.

Applicable rate elements are:
- Channel Terminations
- Channel Mileage (where applicable)
- Optional Features and Functions

(1) The following diagram depicts a synchronous optical channel service connecting two Customer Designated Premises (CDP). The Optional Feature and Function of a Customer Node was ordered at one CDP.



Applicable rate elements are:

- Channel Terminations
  2 Channel Terminations (1 per CDP)
- Channel Mileage
  2 Channel Mileage Terminations plus
  1 Segment Channel Mileage Facility (per mile)
- Optional Feature
  1 Customer Node, plus
  3 Customer Premises Ports

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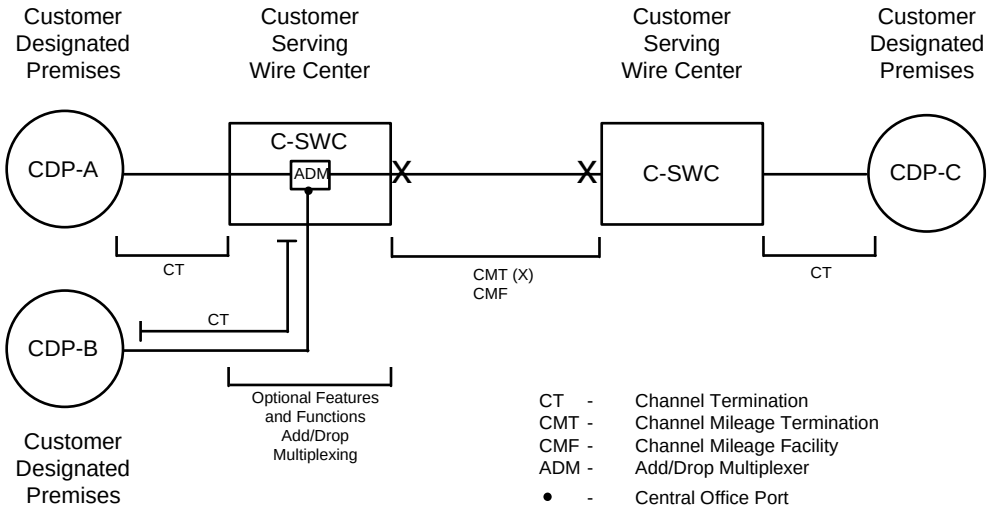
7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(C) Synchronous Optical Channel Service (Cont'd)

(2) The following diagram depicts a Synchronous Optical Channel Service connecting three Customer Designated Premises. CDP-A and CDP-B are connected using an Add/Drop Multiplexer. At the Add/Drop Multiplexer, the customer may drop off lower speed special access services. Rates and charges are as set forth in 17.3.8 and 17.3.11 following.



Applicable rate elements are:

- Channel Terminations (applicable one (1) per CDP)
- Channel Mileage
  - Channel Mileage Termination (2 applicable)
  - 1 Section, Channel Mileage Facility per mile
- Add/Drop Multiplexing Optional Feature (1 Central Office Port applicable, i.e., each port)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.4 Alternate Use

Alternate Use occurs when a service is arranged by the Telephone Company so that the customer can select different types of transmission at different times. A customer may use a service in any privately beneficial manner. However, where technical or engineering changes are required to effectuate an alternate use, the Telephone Company will make such special arrangements available on an individual case basis.

The arrangement required to transfer the service from one operation to the other (i.e., the transfer relay and control leads) will be rated and provided on an individual case basis and filed in Section 12. following, Specialized Service or Arrangements. The customer will pay the stated tariff rates for the Access Service rate elements for the service ordered [i.e., Channel Terminations, Channel Mileage (as applicable) and Optional Features and Functions (if any)].

7.1.5 Special Facilities Routing

A customer may request that the facilities used to provide Special Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are set forth in Section 11. following.

7.1.6 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the make-up of the facilities and services provided under this tariff as Special Access Service to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.7 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test the following at the time of installation:

(A) For Voice Grade analog services, the acceptance test will include tests for loss, 3-tone slope, DC continuity, operational signaling, C-notched noise, and C-message noise when these parameters are applicable and specified in the order of service. Additionally, for Voice Grade services, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature.

(B) For other analog services (i.e., Metallic, Telegraph, Program Audio, and Video) and for digital services (i.e., Digital Data and High Capacity), acceptance tests will include tests applicable to the service as specified by the customer in the order for service.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade service to test other parameters, as described in 13.3.1(B) following, is available at the customer's request. All test results will be made available to the customer upon request.

7.1.8 Ordering Options and Conditions

Special Access Service is ordered under the Access Order provisions set forth in Section 5. preceding. Also included in that section are other charges which may be associated with ordering Special Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Special Access.

7.2.1 Rate Categories

There are three basic rate categories which apply to Special Access Service:

- Channel Terminations (described in 7.2.1(A) following)
- Channel Mileage (described in 7.2.1(B) following)
- Optional Features and Functions (described in 7.2.1(C) following).

(A) Channel Terminations

The Channel Termination rate category recovers the costs associated with the communications path between a customer designated premises and the serving wire center of that premises. Included as part of the Channel Termination is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. The signaling capability is provided as an optional feature as set forth in (C) following.

For Synchronous Optical Channel Service the high speed optical communications path is between the Optical Line Termination (OLT) at the customer designated premises and the serving wire center of that premises.

Certain material formerly found on this page now appears on 9th Revised Page 7-13.1.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(A) Channel Terminations (Cont'd)

One Channel Termination charge applies per customer designated premises at which the channel is terminated. This charge will apply even if the customer designated premises and the serving wire center are collocated in a Telephone Company building, except as provided for below. The Channel Termination charge will not apply when: 1) the customer designated premises and serving wire center are physically (including caged, cageless, shared and adjacent arrangements) or virtually collocated as those terms are used in 47 C.F.R. § 51.323 and 2) the customer obtains such collocation for the purpose of interconnection with the Telephone Company's network for the transmission and routing of telephone exchange service, exchange access service or both, and for the purpose of providing local exchange or exchange access services to its customers. (M)

Certain material currently found on this page previously appeared on 11th Revised Page 7-13.

Certain material formerly found on this page now appears on Original Page 7-13.2.

ACCESS SERVICE (N)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(A) Channel Terminations (Cont'd) (N)

For a Special Access Digital Data Service 56.0 or 64.0 Kbps Bit Rate or for a 1.544 Mbps or 44.736 Mbps High Capacity Service connecting a customer designated premises to a Frame Relay Access Service as described in Section 16.1, following, there will be a charge for only one Channel Termination. For a 1.544 Mbps or 44.736 Mbps High Capacity Service or for an OC3 or OC12 Synchronous Optical Channel Service connecting a customer designated premises to an Asynchronous Transfer Mode Cell Relay Access Service as described in Section 16.2, following, there will be a charge for only one Channel Termination. For a 44.736 Mbps High Capacity Service or for an OC3 or OC12 Synchronous Optical Channel Service connecting a customer designated premises to an Ethernet Transport Service as described in Section 16.3, following, there will be a charge for only one Channel Termination. For a 1.544 Mbps or 44.736 Mbps High Capacity Service or for an OC3/OC3c Synchronous Optical Channel Service connecting a customer designated premises to a DSL Access Service Connection Point as described in Section 8, following, for interconnection with ADSL and/or SDSL Access Services provided by the Telephone Company under this tariff or for interconnection with a wireline broadband Internet transmission service provided on a non-tariffed, common carrier basis, there will be a charge for only one Channel Termination. For a Metallic Service connecting to a DSL Access Service Connection Point as described in Section 8, following, for interconnection with ADSL and/or SDSL Access Services provided by the Telephone Company under this tariff or for interconnection with a wireline broadband Internet transmission service provided on a non-tariffed, common carrier basis, there will be a charge for two Channel Terminations for each DSL Access Service Connection function ordered. (M) (M)

Certain material currently found on this page previously appeared on 8th Revised page 7-13.1.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(B) Channel Mileage

The Channel Mileage rate category recovers the costs associated with the end office equipment and the transmission facilities between the serving wire centers associated with two customer designated premises, between a serving wire center associated with a customer designated premises and a Telephone Company hub, between two Telephone Company hubs, between a serving wire center associated with a customer designated premises and a wire center equipped for Add/Drop Multiplexing (ADM) or between two ADM equipped wire centers. Channel Mileage rates are made up of the Channel Mileage Facility rate and the Channel Mileage Termination rate.

(1) Channel Mileage Facility

The Channel Mileage Facility rate recovers the per mile cost for the transmission path which extends between the Telephone Company serving wire centers and/or hub(s), between the Telephone Company serving wire center and another wire center equipped with a Public Packet Data Network Service, between a Telephone Company serving wire center equipped with ATM-CRS and another telephone company ATM-equipped serving wire center, (T)
between a Telephone Company serving wire center equipped with FRAS and another telephone company serving wire center equipped with a frame relay switch that is located in a non-adjacent serving territory, or between a Telephone Company (C)
serving wire center equipped with ETS and another telephone company Ethernet-equipped serving wire center that is located in a non-adjacent serving territory. (C)

Certain material formerly found on this page now appears on 5th Revised Page 7-14.1.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(B) Channel Mileage (Cont'd)

(1) Channel Mileage Facility (Cont'd)

The Synchronous Optical Channel Service Channel Mileage Facility provides high speed transmission facilities between the Telephone Company serving wire centers, or between a Telephone Company serving wire center and another wire center equipped for Add/Drop Multiplexing (ADM), or between two ADM equipped wire centers, or between the Telephone Company serving wire center and another wire center equipped with Asynchronous Transfer Mode Cell Relay Access Service, or between the Telephone Company serving wire center and another wire center equipped with Ethernet Transport Service, or between a Telephone Company serving wire center equipped with ETS and another telephone company Ethernet-equipped serving wire center that is located in a non-adjacent serving territory.

Certain material formerly found on this page now appears on 1st Revised Page 7-14.2.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(B) Channel Mileage (Cont'd)

(2) Channel Mileage Termination (T)

The Channel Mileage Termination rate recovers the cost for end office equipment associated with terminating the facility (i.e., basic circuit equipment and terminations at serving wire centers and hubs). The Channel Mileage Termination rate will apply at the serving wire center(s) for each customer designated premises and Telephone Company hub where the channel is terminated. If the Channel Mileage is between Telephone Company bridging hubs, the Channel Mileage Termination rate will apply per Telephone Company designated hub. If the Channel Mileage is between the serving wire center for a customer designated premises and a WATS Serving Office, the Channel Mileage Termination rate will apply at both the serving wire center associated with the customer designated premises and the WATS Serving Office. (M)

Certain material currently found on this page previously appeared on 5th Revised Page 7-14.1.

Certain material formerly found on this page now appears on Original Page 17-14.3.

ACCESS SERVICE (N)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(B) Channel Mileage (Cont'd)

(2) Channel Mileage Termination (Cont'd) (N)

If the Channel Mileage is between the serving wire center for a customer designated premises and another wire center equipped for Public Packet Data Network Service, the Channel Mileage Termination Rate will apply only at the serving wire center for the customer designated premises. If the Channel Mileage is between a Telephone Company serving wire center equipped with FRAS and another telephone company serving wire center equipped with a frame relay switch that is located in a non-adjacent serving territory, or between a Telephone Company serving wire center equipped with Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) and another telephone company ATM-equipped serving wire center, or between a Telephone Company serving wire center equipped with ETS and another telephone company Ethernet-equipped serving wire center that is located in a non-adjacent serving territory, no Channel Mileage Termination Rate will apply. (M) (M)

Certain material currently found on this page previously appeared on Original Page 7-14.2.

ACCESS SERVICE

7. Special Access Service (Cont'd) (T)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(B) Channel Mileage (Cont'd)

(2) Channel Mileage Termination (Cont'd)

If the Channel Mileage for Synchronous Optical Channel Service is between the serving wire center for a customer designated premises and a wire center equipped for Add/Drop Multiplexing, the Channel Mileage Termination Rate will apply at both the serving wire center associated with the Customer Designated Premises and the wire center equipped for Add/Drop Multiplexing. If the Channel Mileage is between two wire centers equipped for Add/Drop Multiplexing, the Channel Mileage Termination rate will apply at both wire centers equipped for Add/Drop Multiplexing.

When the Channel Mileage Facility is zero (i.e., collocated serving wire centers), neither the Channel Mileage Facility rate nor the Channel Mileage Termination rate will apply.

(C) Optional Features and Functions

The Optional Features and Functions rate category recovers the costs associated with optional features and functions which may be added to a Special Access Service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for as a single rate element.

ACCESS SERVICE (N)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(C) Optional Features and Functions (Cont'd) (N)

Examples of Optional Features and Functions that are available include, but are not limited to, the following: (M)

- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements

Descriptions for each of the available Optional Features and Functions are set forth in 7.4 through 7.11 following.

A hub is a Telephone Company designated serving wire center at which bridging or multiplexing functions are performed. The bridging functions performed are to connect three or more customer designated premises in a multipoint arrangement. The multiplexing functions are to channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth.

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 identifies serving wire centers, hub locations, hub level (i.e., Hub, Terminus Hub, Intermediate Hub, or Super-Intermediate Hub) and the type of bridging or multiplexing functions available. Additionally, subtending wire centers are identified for Intermediate and Super-Intermediate Hubs. (M)

Certain material currently found on this page previously appeared on 5th Revised Page 7-15.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.2 Types of Rates and Charges

There are three types of rates and charges. These are monthly rates, daily rates and nonrecurring charges. The rates and charges are described as follows:

(A) Monthly Rates

Monthly rates are recurring rates that apply each month or fraction thereof that a Special Access Service is provided. For billing purposes, each month is considered to have 30 days.

(B) Daily Rates

Daily rates are recurring rates that apply to each 24 hour period or fraction thereof that a Program Audio or Video Special Access Service is provided for part-time use. For purposes of applying daily rates, the 24 hour period is not limited to a calendar day.

Part-time Video or Program Audio Service provided within a consecutive 30 day period will be charged the daily rate, not to exceed the monthly rate. For each day or partial day after a consecutive 30 day period of service, a charge equal to 1/30th of the monthly rate shall apply.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.2 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Special Access Service are: installation of service, installation of optional features and functions, and service rearrangements. These charges are in addition to the Access Order Charge as specified in 17.4.1 following.

(1) Installation of Service

Nonrecurring charges apply to each service installed. The nonrecurring charges for the installation of service are set for each channel type as a nonrecurring charge for the Channel Termination.

(2) Installation of Optional Features and Functions

When optional features and functions are installed coincident with the initial installation of service, no separate nonrecurring charge is applicable. When optional features and functions are installed or changed subsequent to the installation of service, an Access Order Charge as specified in 17.4.1 following will apply per order.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.2 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements

Service rearrangements are changes to existing (installed) services which may be administrative only in nature, as set forth following, or that involve actual physical change to the service. Changes to pending orders are set forth in 5.4 preceding.

Changes in the physical location of the point of termination or customer designated premises are moves as set forth in 7.2.3 following.

Changes in the type of Service or Channel Termination which result in a change of the minimum period requirement will be treated as a discontinuance of the service and an installation of a new service.

Changes in ownership or transfer of responsibility from one customer to another will be treated as a discontinuance of the service and an installation of a new service. In the event the change in ownership or transfer of responsibility is as set forth in 2.1.2(A) preceding where there is no change in facilities or arrangements, the change will be treated as an administrative change.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.2 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

Administrative changes will be made without charge(s) to the customer. Administrative changes are as follows:

- Change of customer name,
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

All other service rearrangements will be charged as follows:

- If the change involves the addition of other customer designated premises to an existing service, the nonrecurring charge for the channel termination rate element will apply. The charge(s) will apply only for the location(s) that is being added. The charge(s) will be in addition to an Access Order Charge as set forth in 17.4.1 following.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.2 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

- If the change involves the addition of an optional feature or function (with the exception of the addition of Clear Channel Capability to an existing service), or if the change involves changing the type of signaling on a Voice Grade service, and for all other changes the Access Order Charge as set forth in 17.4.1 following will apply.

- When the Clear Channel Capability optional feature is installed on an existing facility, the addition will be treated as a discontinuance and start of service and all associated non-recurring charges will apply.

7.2.3 Moves

A move involves a change in the physical location of one of the following:

- The Point of Termination at the customer's premises

- The customer's premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the non-recurring (i.e., installation) charge for the service termination affected. There will be no change in the minimum period requirements. This charge is in addition to the Access Order Charge as specified in 17.4.1 following.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.3 Moves (Cont'd)

(B) Moves To a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

7.2.4 Minimum Periods

The minimum service period for all services except part-time Video and Program Audio services, DS3 High Capacity Service and Synchronous Optical Channel Service is one month and the full monthly rate will apply to the first month. Adjustments for the quantities of services established or discontinued in any billing period beyond the minimum period are as set forth in 2.4.1(F) preceding. The minimum service period for part-time Video and Program Audio services is a continuous 24-hour period, not limited to a calendar day. The minimum service period for DS3 High Capacity Service and Synchronous Optical Channel Service is twelve months. The minimum service period will be waived for a High Capacity Service included in a Term Discount plan that is replaced with a qualifying High Capacity Service Optional Rate Plan Replacement as set forth in Section 7.2.8(A)(1)(c), following. The minimum service period will be waived for a Synchronous Optical Channel Service included in a Term Discount plan that is replaced with a qualifying SOCS Optional Rate Plan Replacement as set forth in Section 7.2.8(B)(3), following. (N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.5 Mileage Measurement

The mileage to be used to determine the monthly rate for the Channel Mileage Facility is calculated on the airline distance between the locations involved, i.e.,

- the serving wire centers associated with two customer designated premises,
- a serving wire center associated with a customer designated premises and a Telephone Company hub,
- a serving wire center associated with a customer designated premises and a wire center equipped with a Public Packet Data Network Service,
- a serving wire center equipped with ATM-CRS and another telephone company ATM-equipped serving wire center,
- a serving wire center equipped with FRAS and another telephone company serving wire center equipped with a frame relay switch that is located in a non-adjacent serving territory,
- a serving wire center equipped with ETS and another telephone company Ethernet-equipped serving wire center that is located in a non-adjacent serving territory, (C)
- a serving wire center associated with a customer designated premises and a DSL Access Service Connection Point,
- two Telephone Company hubs,
- a serving wire center associated with a customer designated premises and a wire center equipped for Add/Drop Multiplexing,
- two wire centers equipped for Add/Drop Multiplexing,
- or between the serving wire center associated with a customer designated premises and a WATS Serving Office.

The serving wire center associated with a customer designated premises is the serving wire center from which this customer designated premises would normally obtain dial tone.

Certain material formerly found on this page now appears on Original Page 7-22.1.

ACCESS SERVICE (N)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.5 Mileage Measurement (Cont'd) (N)

Mileage charges are shown with each channel type. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, then multiply the resulting number of miles times the Channel Mileage Facility per mile rate, and add the Channel Mileage Termination rate for each termination. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage and applying the rates. When more than one Telephone Company is involved in the provision of service, billing will be accomplished as set forth in 2.4.7 preceding. (M) (M)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.5 Mileage Measurement (Cont'd)

When hubs are involved, mileage is computed and rates applied separately for each section of the Channel Mileage, i.e.,

- customer designated premises serving wire center to hub,
- hub to hub and/or
- hub to customer designated premises serving wire center.

However, when any service is routed through a hub for purposes other than customer specified bridging or multiplexing (e.g., the Telephone Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises.

See the service configuration example for multipoint service as set forth in 7.1.3(B) preceding.

When Add/Drop Multiplexing is offered in connection with Synchronous Optical Channel Service, mileage is computed and rates applied separately for each section of the Channel Mileage, i.e.,

- customer designated premises serving wire center to an Add/Drop Multiplexing (ADM) equipped wire center,
- ADM equipped wire center to ADM equipped wire center,
- ADM equipped wire center to a customer designated premises serving wire center.

7.2.6 Facility Hubs

A customer has the option of ordering Voice Grade service or High Capacity services (i.e., DS1, DS1C, DS2, DS3 or DS4) to a facility hub for channelizing to individual services requiring lower capacity facilities (e.g., Telegraph, Voice, Program Audio, etc.).

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7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.6 Facility Hubs (Cont'd)

Different locations may be designated as hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location. When placing an Access Order the customer will specify the desired hub.

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 identifies serving wire centers, hub locations, hub level (i.e., Hub, Terminus Hub, Intermediate Hub, or Super-Intermediate Hub) and the type of multiplexing functions available. Additionally, subtending wire centers are identified for Intermediate and Super-Intermediate Hubs.

Some of the types of multiplexing available include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from high capacity to voice frequency channels.

Point to point services may be provided on channels of these services to a hub. The transmission performance for the point to point service provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps channel is multiplexed to voice frequency channels, the transmission performance of the channelized services will be Voice Grade, not High Capacity.

The Telephone Company will commence billing the monthly rate for the service to the hub on the date specified by the customer on the Access Order. Individual channels utilizing these services may be installed coincident with the installation of the service to the hub or may be ordered and/or installed at a later date, at the option of the customer. Except as provided for in Section 7.2.1 (A) preceding, the customer will be billed for a Voice Grade or a High Capacity Channel Termination, Channel Mileage (when applicable), and the multiplexer at the time the service is installed. Individual service rates (by service type) will apply for a Channel Termination (when applicable) and additional Channel Mileage (as required) for each channelized service. These will be billed to the customer as each individual service is installed. (C) (C) (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.6 Facility Hubs (Cont'd)

Cascading multiplexing occurs when a High Capacity service is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a 6.312 Mbps High Capacity service is de-multiplexed to four DS1 channels and then one of the DS1 channels is further de-multiplexed to 24 individual Voice Grade channels.

When cascading multiplexing is performed, whether in the same or a different hub, a charge for the additional multiplexing unit also applies. When cascading multiplexing is performed at different hubbing locations, Channel Mileage charges also apply between the hubs.

The Telephone Company will designate hubs for Program Audio and Video Services. Full-time or part-time service may be provided between customer designated premises or between a customer designated premises and a hub and billed accordingly at the monthly rates set forth in 17.3.5 and 17.3.6 following for a Channel Termination, Channel Mileage and Optional Features and Functions, as applicable. When the service is ordered to a hub, the customer may order full-time or part-time Video and Program Audio services as needed between that hub and additional customer designated premises. The rate elements required to provide the part-time service (i.e., Channel Termination, Channel Mileage and Optional Features and Functions, as applicable) will be billed at daily rates for the duration of the service requested.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.7 Mixed Use

Mixed use refers to a rate applicable when the customer orders High Capacity or Synchronous Optical Channel Service Special Access facilities between a customer designated premises and a Telephone Company hub or ADM equipped wire center where the Telephone Company performs multiplexing/de-multiplexing functions and the same customer then orders the derived channels as Special and Switched Access Services. Mixed use also applies when the customer orders Switched Access Service between a customer designated premises and an end office that is multiplexed at a Telephone Company hub or ADM equipped wire center and the same customer then orders the derived channels as Special and Switched Access Service. Rates and charges will apply for the existing facilities and new facilities as if the service were ordered as mixed use.

Except as noted above, the High Capacity or Synchronous Optical Channel Service facility will be ordered, provided and rated as Special Access Service (i.e., Channel Termination, Channel Mileage, as appropriate, Multiplexing, Customer Node, Customer Premises Port, and Add/Drop Multiplexing). The nonrecurring charge that applies when the mixed use facility is installed will be the nonrecurring charge associated with the appropriate Special Access High Capacity or Synchronous Optical Channel Service Channel Termination.

Rating as Special Access will continue until such time as the customer chooses to use a portion of the available capacity for Switched Access Service. Individual service (i.e., Switched or Special Access) nonrecurring charges will not apply to the individual channels of the mixed use facility.

When Special Access Service is provided utilizing a channel of the mixed use facility to a hub, High Capacity rates and charges will apply for the facility to the hub, as set forth preceding, and individual service rates and charges will apply from the hub to the customer designated premises.

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7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.7 Mixed Use (Cont'd)

The rates and charges that will apply to the portion from the hub to the customer designated premises will be dependent on the specific type of Special Access Service that is provided (e.g., Voice Grade, Telegraph, etc.). The applicable rates and charges will include a Channel Termination and Channel Mileage, if applicable. Rates and charges for optional features and functions associated with the service, if any, will apply for the appropriate channel type.

As each individual channel of a Special Access High Capacity Service is activated for Switched Access Service, the Special Access Channel Termination, Channel Mileage and Multiplexing rates will be reduced accordingly (e.g., 1/24th for a DS1 service, 1/672nd for a DS3 service).

Similarly, as each individual channel of a Special Access Synchronous Optical Channel Service is activated for Switched Access Service, the Special Access Channel Termination, Channel Mileage, Customer Node, Customer Premises Port, and Add/Drop Multiplexing rates will be reduced accordingly (e.g., 1/2016th for an OC3 service, 1/8064th for an OC12 service).

If the Special Access charges for the mixed use facility are subject to Optional Rate Plan discounts (e.g., Term Discount Optional Rate Plan) as set forth in 7.2.8 following, the Special Access charges will be reduced to reflect mixed use before the Optional Rate Plan discounts are applied.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.7 Mixed Use (Cont'd)

Switched Access Service rates and charges, as set forth in 17.2 following, will apply for each channel that is used to provide a Switched Access Service. The Switched Access Service Entrance Facility charge will be reduced by multiplying its rate by a rate reduction factor (i.e., the ratio of derived Switched Access Service channels to the total number of channels that can be derived). If the Telephone Company is providing Direct Trunked Transport, then the Direct Trunked Transport, Multiplexing, Customer Node, Customer Premises Port, and Add/Drop Multiplexing charges will be reduced by multiplying their respective rates by the rate reduction factor.

The following table shows the total voice grade equivalents for each of the services that may be used for Mixed Use.

High Capacity or Synchronous Optical Channel Service	DS3 Quantities	DS1 Quantities	Voice Grade Equivalents
DS1	n/a	1	24
DS3	1	28	672
OC3	3	84	2,016
OC12	12	336	8,064

The customer must place an order for each individual Switched or Special Access Service utilizing the Mixed Use facilities and specify the channel assignment for each such service.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans

There are two Optional Rate Plans: a High Capacity Optional Rate Plan and a Synchronous Optical Channel Service Optional Rate Plan.

(A) High Capacity Optional Rate Plan (T)

(D)
|
(D)

The High Capacity Optional Rate Plan offers a Term Discount. (N) (N)
The Term Discount plan applies to Special Access DS1 and DS3 High Capacity Service Channel Termination, Channel Mileage Facility and Channel Mileage Termination monthly rates, as set forth following. The current monthly rates for such services are reduced by a fixed percentage. The amount of the discount percentage differs based on the length of the service commitment period selected by the customer. The Term Discount percentages for High Capacity Service are as set forth in Section 17.3.8 (C), following. (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

Discounts for the Term Discount plan are only applied to High Capacity Service provided to a customer within the same state and LATA by the same Telephone Company.

The Term Discount Optional Rate Plan is only available from those Telephone Companies listed in Section 17.3.10(A)(1), following.

The minimum service period on a monthly rate basis is one month for DS1 service and twelve months for DS3 service.

(1) Term Discounts

DS1 and DS3 High Capacity Special Access Service may be ordered at the customer's option on a monthly rate basis or for Term Discount periods of 36 months (3 years) or 60 months (5 years).

The minimum service period for all Term Discount plans is twelve months. The minimum service period will be waived for a High Capacity Service included in a Term Discount plan that is replaced with a qualifying High Capacity Service Optional Rate Plan Replacement as set forth in Section 7.2.8(A)(1)(c), following. (N)

Certain material previously found on this page now appears on 6th Revised Page 7-27.1.1.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd)

The customer must specify the length of the service commitment period at the time the service is ordered. (M)

For customers that subscribe to the Term Discount plan for 36 or 60 months, the Term Discount percentage as set forth in Section 17.3.8(C), following, will be frozen from Company initiated decreases, for the entire discount period at the percent in effect at the beginning of the Term Discount period. (M)

If a Term Discount percentage increase occurs during the term of an existing Term Discount plan, the increased percentage will be applied automatically to the remainder of the current Term Discount period.

At the end of the Term Discount period, the customer may convert to month-to-month service or subscribe to a new Term Discount plan. If the customer does not make a choice by the end of the discount period, the rates will automatically convert to month-to-month service rates.

Certain material previously found on this page now appears on Original Page 7-27.1.2.

Certain material currently found on this page previously appeared on 6th Revised Page 7-27.1.

ACCESS SERVICE (N)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd) (N)

To be included in a Term Discount plan, all eligible High Capacity rate elements must be ordered for the same commitment term (i.e., all 36 months or all 60 months) and with the same service date. When additional capacity is subsequently added, it will be available only on a month-to-month basis unless the discount period of the entire service is upgraded. (M)

Eligible DS1 or DS3 High Capacity rate elements are those Channel Terminations, Channel Mileage Facility and Channel Mileage Terminations provided to a customer within the same state and LATA by the same Telephone Company. As long as the number of DS1s or DS3s included in a Term Discount plan remains constant, except for qualifying High Capacity Service Optional Rate Plan Replacements as set forth in Section 7.2.8(A)(1)(c), following, customer requests to install and disconnect DS1 or DS3 services, including changes affecting different wire centers and/or customer designated premises, will not change the current Term Discount period or the minimum service period, and Discontinuance of Service charges as set forth in (C), following, will not apply. (N) (N) (M)

Certain material currently found on this page previously appeared on 5th Revised Page 7-27.1.1.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd) (T)

(1) Term Discounts (Cont'd)

(a) Upgrades in Term Discounts

Services provided under monthly rates or Term Discount rates may be upgraded to a Term Discount plan at any time without incurring Channel Termination nonrecurring charges or discontinuance charges for existing services. The new Term Discount plan must meet or exceed the service term of the plan being upgraded. For example, a service with a 36 month commitment period may be upgraded to a new 36 month, or 60 month service period. The monthly rates will be those that are in effect at the time the service is upgraded. A new minimum service period applies to all High Capacity Service that is upgraded.

(b) Upgrades in Capacity (DS1 to DS3)

If the customer chooses to upgrade a service under the Term Discount rate plan to a higher capacity (i.e., DS1 to DS3), discontinuance charges will not apply, provided all the following conditions are met:

- the customer's order for the disconnect of the existing DS1 Service and the installation of the new DS3 Service are received at the same time and specifically reference the application of upgrade in capacity,

- the customer's disconnect order for the existing DS1 Service must reference the DS3 Service installation order,

- the new service has a total voice equivalent channel capacity greater than the total voice equivalent channel capacity of the service being discontinued and,

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd) (T)

(1) Term Discounts (Cont'd)

(b) Upgrades in Capacity (DS1 to DS3) (Cont'd)

- the new Term Discount period meets or exceeds the Term Discount period being discontinued.

A new minimum service period applies to all upgrades. Channel Termination nonrecurring charges for an equivalent channel capacity of the existing services being upgraded to the higher speed service will not be assessed. For example, 30 existing DS1 Services (C)
are being upgraded to DS3 Service at the customer's request. A total of 2 DS3 Services will be installed without (C)
Channel Termination nonrecurring charges being assessed, as it will require 2 DS3 Services to provide (C)
the equivalent channel capacity of the existing services. Channel Termination nonrecurring charges will not apply to the upgraded lower speed services placed on the higher speed service if requested at the same time as the upgrade request. Channel Termination nonrecurring charges will apply for capacity that exceeds the existing equivalent channel capacity.

Should the customer choose to upgrade either a portion of, or the entire DS1 Service under the Term Discount plan to a DS3 Service and move the service to a new customer location(s) within the same state and LATA, and when service is provided by the same telephone company, discontinuance charges will not apply.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd)

(c) High Capacity Service Optional Rate Plan Replacements (N)

All or a portion of existing DS1 or DS3 services included in a High Capacity Optional Rate Plan may be replaced before the end of its term commitment period with a new Synchronous Optional Channel Service (SOCS) Optional Rate Plan, with a new or existing ATM-CRS Term Discount Plan or with a new or existing ETS Term Discount Plan without incurring Discontinuance of Service charges as set forth in (d), following, if all of the requirements listed in (i), below, are met.

(i) A customer may replace all or a portion of the services included in its existing High Capacity Optional Rate Plan(s) before the end of its term commitment period(s) with newly committed SOCS channel(s) added to the customer's new SOCS Term Discount Optional Rate Plan, with newly committed ATM-CRS Port(s) added to the customer's new or existing ATM Term Discount Plan, or with newly committed ETS Port(s) added to the customer's new or existing ETS Term Discount Plan provided: (N)

Certain material previously found on this page now appears on 5th Revised Page 7-27.5 and 4th Revised Page 7-27.6.

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd)

(c) High Capacity Service Optional Rate Plan Replacements (Cont'd)

(1) The term commitment period remaining in the customer's existing ATM-CRS Term Discount Plan or existing ETS Term Discount Plan or established in the new SOCS Optional Rate Plan, new ATM-CRS Term Discount Plan or new ETS Term Discount Plan meets or exceeds the number of months remaining in the customer's existing High Capacity Optional Rate Plan(s);

(2) The bandwidth capacity of the newly committed SOCS channel(s) included in the new SOCS Optional Rate Plan, the newly committed ATM-CRS Port(s) included in the new or existing ATM-CRS Term Discount Plan, or the newly committed ETS Port(s)included (N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd)

(c) High Capacity Service Optional Rate Plan Replacements (Cont'd)

in the new or existing ETS Term Discount Plan meets or exceeds the bandwidth capacity of the service(s) being replaced in the customer's existing High Capacity Optional Rate Plan(s);

(3) The customer commits to retain the newly committed ATM-CRS Port(s) or newly committed ETS Port(s) in-service at the same bandwidth capacity for the remaining term commitment period for its existing ATM-CRS Term Discount Plan or its existing ETS Term Discount Plan or for the entire term commitment period of its new SOCS Term Discount Optional Rate Plan, new ATM-CRS Term Discount Plan or new ETS Term Discount Plan; (T)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd)

(c) High Capacity Service Optional Rate Plan Replacements (Cont'd)

(4) The customer's orders for the disconnect of all or a portion of the services included in its High Capacity Optional Rate Plan and the addition of newly committed SOCS channel(s) to a new SOCS Optional Rate Plan, newly committed ATM-CRS Port(s) to a new or existing ATM-CRS Term Discount Plan or newly committed ETS Port(s) to a new or existing ETS Term Discount Plan are submitted to the Telephone Company at the same time and include cross references as described in Section 5.2.2, preceding;

(5) Any newly committed ATM-CRS Ports or newly committed ETS Ports are added to the customer's existing ATM-CRS Term Discount Plan or existing ETS Term Discount Plan before the last year of the existing term commitment period; and (N)

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7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd)

(c) High Capacity Service Optional Rate Plan Replacements (Cont'd)

(6) Any newly committed SOCS channels added to a new SOCS Optional Rate Plan, newly committed ATM-CRS Ports added to a new or existing ATM-CRS Term Discount Plan, or newly committed ETS Ports added to a new or existing ETS Term Discount Plan are installed at the same location as the service(s) being replaced in the customer's existing High Capacity Optional Rate Plan(s).

(ii) If any of the requirements specified in (i), above, are not met, replacement SOCS channels, replacement ATM-CRS Port(s), and/or replacement ETS Port(s) will not qualify for the provisions under Section 7.2.8(A)(1)(c). Discontinuance charges will apply to replace all or a portion of the services in an existing High Capacity Optional Rate Plan as described in (d), below. (N)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd)

(c) High Capacity Service Optional Rate Plan Replacements (Cont'd)

(iii) When a customer replaces all or a portion of its services included in its existing High Capacity Optional Rate Plan with a newly committed SOCS channel(s) added to the customer's new SOCS Optional Rate Plan, with a newly committed ATM-CRS Port(s) added to the customer's new or existing ATM-CRS Term Discount Plan or with a newly committed ETS Port(s) added to the customer's new or existing ETS Term Discount Plan provided pursuant to Sections 7.2.8(B), 16.2 and 16.3, following, the Telephone Company will waive any unsatisfied minimum period charges that may otherwise be applicable for disconnecting the customer's High Capacity Service prior to satisfying the minimum service period. (N)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd)

(c) High Capacity Service Optional Rate Plan Replacements (Cont'd)

(iv) The term discount percentage for the replacement SOCS Optional Rate Plan, replacement ATM-CRS Term Discount Plan or replacement ETS Term Discount Plan will apply on a going forward basis based on the customer's written request to establish a replacement term commitment period under Section 7.2.8(A)(1)(c).

(v) When a customer replaces all or a portion of its existing High Capacity Optional Rate Plan with a newly committed ATM-CRS Port(s) added to its existing ATM-CRS Term Discount Plan or with a newly committed ETS Port(s) added to its existing ETS Term Discount Plan, the customer's existing ATM-CRS Term Discount Plan or existing ETS Term Discount Plan term commitment period would continue uninterrupted. (N)

ACCESS SERVICE (N)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd)

(c) High Capacity Service Optional Rate Plan Replacements (Cont'd)

(vi) An Access Order Charge, as described in Section 5.4.1, preceding, does not apply to make a change to an existing High Capacity Optional Rate Plan as a result of a High Capacity Service Optional Rate Plan Replacement under this section. An Access Order Charge per order does apply to install a SOCS channel(s), ATM-CRS Port(s), and ETS Port(s).

(vii) Terms and conditions for the SOCS Optional Rate Plan, ATM-CRS Term Discount Plan and ETS Term Discount Plan are specified in Sections 7.2.8(B), 16.2.5 and 16.3.5, following. (N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd) (N)

(d) Discontinuance of Service (T) (M)

Except as specified in (c), above, discontinuance charges, as described below, will apply to the portion of the service being discontinued when the customer chooses to disconnect all or a portion of its service prior to the expiration of the term commitment period. (C) (C)

(i) Should the customer choose to discontinue a Term Discount plan prior to the completion of the minimum service period, discontinuance charges will apply. Discontinuance charges equal to one-hundred percent of the total undiscounted monthly rates, less any amounts previously paid, will apply for the minimum service period. Additionally, discontinuance charges of fifteen percent for DS1 service, and thirty-five percent for DS3 service, of the total undiscounted monthly charges will apply to the remaining portion of the term commitment period. (T) (C) (C) (C)(M)

Certain material currently found on this page previously appeared on 3rd Revised Page 7-27.4.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd)

(1) Term Discounts (Cont'd) (N)

(d) Discontinuance of Service (Cont'd) (T)(M)

(ii) Should the customer choose to discontinue service ordered under a Term Discount plan after the minimum service period but before the completion of the discount period, discontinuance charges will apply. Discontinuance charges of fifteen percent for DS1 Service, and thirty-five percent for DS3 Service, of the total undiscounted monthly charges will apply to the remaining portion of the term commitment period. For example, a customer has a DS1 Service which it chooses to discontinue after 33 months into a 60-month service term. The discontinuance charge would be 0.15 times 27 months times the undiscounted monthly rates for that service. (T) (C) (C) (M)

Certain material currently found on this page previously appeared on 3rd Revised Page 7-27.4.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(A) High Capacity Optional Rate Plan (Cont'd) (T)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) Synchronous Optical Channel Service (SOCS) Optional Rate Plan (T)

The Synchronous Optical Channel Service Optional Rate Plan offers a Term Discount. The Term Discount applies to Channel Terminations, Channel Mileage, Customer Nodes, Customer Premises Ports and Central Office Ports monthly rates, as set forth following. The Term Discount percentages for the Synchronous Optical Channel Service Term Discount are as set forth in Section 17.3.11(D), following.

Discounts for the Synchronous Optical Channel Service Optional Rate Plan are only applied to Synchronous Optical Channel Service provided to a customer within the same state and LATA by the same Telephone Company.

The Synchronous Optical Channel Service Term Discount Optional Rate Plan is only available from those Telephone Companies listed in Section 17.3.10(A)(1), following.

OC3/OC3c and OC12 Synchronous Optical Channel Service may be ordered at the customer's option on a monthly rate basis or for Term Discount periods of 36 months (3 years) or 60 months (5 years).

Certain material previously found on this page now appears on Original Page 7-27.8.1.

ACCESS SERVICE (N)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) Synchronous Optical Channel Service (SOCS) Optional Rate Plan (Cont'd) (N)

The minimum service period for all term discount plans is twelve months. The minimum service period will be waived for a Synchronous Optical Channel Service included in a Term Discount plan that is replaced with a qualifying SOCS Optional Rate Plan Replacement as set forth in Section 7.2.8(B)(3) following. The customer must specify the length of the service commitment period at the time the service is ordered. (M) (N) (N)

For customers that subscribe to the Term Discount plan for 36 or 60 months, the Term Discount percentage as set forth in Section 17.3.11(D), following, will be frozen from Company initiated decreases, for the entire discount period at the percent in effect at the beginning of the Term Discount period.

If a Term Discount percentage increase occurs during the term of an existing Term Discount plan, the increased percentage will be applied automatically to the remainder of the current Term Discount period. (M)

Certain material currently found on this page previously appeared on 4th Revised Page 7-27.8.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) Synchronous Optical Channel Service (SOCS) Optional Rate Plan (Cont'd) (T)

At the end of the Term Discount period, the customer may convert to month-to-month service or subscribe to a new Term Discount plan. If the customer does not make a choice by the end of the discount period, the rates will automatically convert to month-to-month service rates. The minimum service period on a monthly rate basis is twelve months for Synchronous Optical Channel Service.

To be included in a Term Discount plan, all eligible Synchronous Optical Channel Service rate elements must be ordered for the same commitment term (i.e., all 36 months or all 60 months) and with the same service date. When additional capacity is subsequently added, it will be available only on a month-to-month basis unless the discount period of the entire service is upgraded.

Certain material previously found on this page now appears on Original Page 7-27.9.1.

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ACCESS SERVICE (N)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) Synchronous Optical Channel Service (SOCS) Optional Rate Plan (Cont'd) (N)

Eligible OC3/OC3c or OC12 Synchronous Optical Channel Service rate elements are those Channel Terminations, Channel Mileage Facility, Channel Mileage Terminations, Customer Nodes, Customer Premises Ports and Central Office Ports provided to a customer within the same state and LATA by the same Telephone Company. As long as the number of OC3s, OC3cs or OC12s included in a Term Discount plan remains constant, except for qualifying SOCS Optional Rate Plan Replacements as set forth in Section 7.2.8(B)(3), following, customer requests to install and disconnect OC3, OC3c or OC12 services, including changes affecting different wire centers and/or customer designated premises, will not change the current Term Discount period or the minimum service period, and Discontinuance of Service charges as set forth in (4) following will not apply. (M) (N) (N) (T)(M)

Certain material currently found on this page previously appeared on 2nd Revised Page 7-27.9.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) Synchronous Optical Channel Service (SOCS) Optional Rate Plan (Cont'd) (T)

(1) Upgrades in Term Discounts

Services provided under monthly rates or Term Discount rates may be upgraded to a Term Discount plan at any time without incurring nonrecurring charges or discontinuance charges for existing services. The new Term Discount plan must meet or exceed the service term of the plan being upgraded. For example, a service with a 36 month commitment period may be upgraded to a new 36 month, or 60 month service period. The monthly rates will be those that are in effect at the time the service is upgraded. A new minimum service period applies to all Synchronous Optical Channel Service that is upgraded.

(2) Upgrades in Capacity (OC3/OC3c to OC12)

If the customer chooses to upgrade a service under the Term Discount rate plan to a higher capacity (i.e., OC3/OC3c to OC12), discontinuance charges will not apply, provided all the following conditions are met:

- the customer's order for the disconnect of the existing OC3/OC3c Service and the installation of the new OC12 Service are received at the same time and specifically reference the application of upgrade in capacity,

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) Synchronous Optical Channel Service (SOCS) Optional Rate Plan (Cont'd) (T)

(2) Upgrades in Capacity (OC3/OC3c to OC12) (Cont'd)

- the customer's disconnect order for the existing OC3/OC3c Service must reference the OC12 Service installation order,

- the new service has a total channel capacity greater than the total channel capacity of the service being discontinued and,

- the new Term Discount period meets or exceeds the Term Discount period being discontinued.

A new minimum service period applies to all upgrades. Nonrecurring charges will not be assessed when an existing OC3/OC3c service is upgraded to an equivalent channel capacity at a higher speed.

Certain material previously found on this page now appears on Original Page 7-27.11.1.

ACCESS SERVICE (N)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) Synchronous Optical Channel Service (SOCS) Optional Rate Plan (Cont'd)

(2) Upgrades in Capacity (OC3/OC3c to OC12) (Cont'd) (N)

Should the customer choose to upgrade either a portion of, or the entire OC3/OC3c Service under the Term Discount plan to an OC12 Service and move the service to a new customer location(s) within the same state and LATA, and when service is provided by the same telephone company, discontinuance charges will not apply. (M) (M)

(3) SOCS Optional Rate Plan Replacements (N)

All or a portion of existing OC3/OC3c or OC12 services included in a SOCS Optional Rate Plan may be replaced before the end of its term commitment period with a new or existing ATM-CRS Term Discount Plan or with a new or existing ETS Term Discount Plan without incurring Discontinuance of Service charges as set forth in (4), following, if all of the requirements listed in (a), below, are met. (N)

Certain material currently found on this page previously appeared on 3rd Revised Page 7-27.11.

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) Synchronous Optical Channel Service (SOCS) Optional Rate Plan (Cont'd)

(3) SOCS Optional Rate Plan Replacements (Cont'd)

(a) A customer may replace all or a portion of the services included in its existing SOCS Optional Rate Plan(s) before the end of its term commitment period(s) with newly committed ATM-CRS Port(s) added to the customer's new or existing ATM-CRS Term Discount Plan or with newly committed ETS Port(s) added to the customer's new or existing ETS Term Discount Plan provided:

(1) The term commitment period remaining in the customer's existing ATM-CRS Term Discount Plan or existing ETS Term Discount Plan or established in the new ATM-CRS Term Discount Plan or new ETS Term Discount Plan meets or exceeds the number of months remaining in the customer's existing SOCS Optional Rate Plan(s); (N)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) Synchronous Optical Channel Service (SOCS) Optional Rate Plan (Cont'd)

(3) SOCS Optional Rate Plan Replacements (Cont'd)

(2) The bandwidth capacity of the newly committed ATM-CRS Port(s) included in the new or existing ATM-CRS Term Discount Plan or the newly committed ETS Port(s) included in the new or existing ETS Term Discount Plan meets or exceeds the bandwidth capacity of the service(s) being replaced in the customer's existing SOCS Optional Rate Plan(s);

(3) The customer commits to retain the newly committed ATM-CRS Port(s) or newly committed ETS Port(s) in-service at the same bandwidth capacity for the remaining term commitment period for its existing ATM-CRS Term Discount Plan or its existing ETS Term Discount Plan or for the entire term commitment period of its new ATM-CRS Term Discount Plan or new ETS Term Discount Plan; (N)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) Synchronous Optical Channel Service (SOCS) Optional Rate Plan (Cont'd)

(3) SOCS Optional Rate Plan Replacements (Cont'd)

(4) The customer's orders for the disconnect of all or a portion of the services included in its SOCS Optional Rate Plan and the addition of newly committed ATM-CRS Port(s) to a new or existing ATM-CRS Term Discount Plan or newly committed ETS Port(s) to a new or existing ETS Term Discount Plan are submitted to the Telephone Company at the same time and include cross references as described in Section 5.2.2, preceding;

(5) Any newly committed ATM-CRS Ports or newly committed ETS Ports are added to the customer's existing ATM-CRS Term Discount Plan or existing ETS Term Discount Plan before the last year of the existing term commitment period; and

(6) Any newly committed ATM-CRS Ports added to a new or existing ATM-CRS Term Discount Plan or a newly committed ETS Ports added to a new or existing ETS Term Discount Plan are installed at the same location as the service(s) being replaced under the customer's existing SOCS Optional Rate Plan(s). (N)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) Synchronous Optical Channel Service (SOCS) Optional Rate Plan (Cont'd)

(3) SOCS Optional Rate Plan Replacements (Cont'd)

(b) If any of the requirements specified in (a), above, are not met, replacement ATM-CRS Port(s) and/or replacement ETS Port(s) will not qualify for the provisions under Section 7.2.8(B)(3). Discontinuance charges will apply to replace all or a portion of the services in an existing SOCS Optional Rate Plan as described in (4), below.

(c) When a customer replaces all or a portion of the services included in its existing SOCS Optional Rate Plan with a newly committed ATM-CRS Port(s)added to the customer's new or existing ATM-CRS Term Discount Plan or with a newly committed ETS Port(s) added to the customer's new or existing ETS Term Discount Plan provided pursuant to Sections 16.2 and 16.3, following, the Telephone Company will waive any unsatisfied minimum period charges that may otherwise be applicable for disconnecting the customer's SOCS prior to satisfying the minimum service period.

(d) The term discount percentage for the replacement ATM-CRS Term Discount Plan or replacement ETS Term Discount Plan will apply on a going forward basis based on the customer's written request to establish a replacement term commitment period under Section 7.2.8(B)(3). (N)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) Synchronous Optical Channel Service (SOCS) Optional Rate Plan (Cont'd)

(3) SOCS Optional Rate Plan Replacements (Cont'd)

(e) When a customer replaces all or a portion of its existing SOCS Optional Rate Plan with a newly committed ATM-CRS Port(s) added to its existing ATM-CRS Term Discount Plan or with a newly committed ETS Port(s) added to its existing ETS Term Discount Plan, the customer's existing ATM-CRS Term Discount Plan or existing ETS Term Discount Plan term commitment period would continue uninterrupted.

(f) An Access Order Charge, as described in Section 5.4.1, preceding, does not apply to make a change to an existing SOCS Optional Rate Plan as a result of a SOCS Optional Rate Plan Replacement under this section. An Access Order Charge per order does apply to install an ATM-CRS Port(s) and ETS Port(s).

(g) Terms and conditions for the ATM-CRS Term Discount Plan and ETS Term Discount Plan are specified in Sections 16.2.5 and 16.3.5, following. (N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) Synchronous Optical Channel Service (SOCS) Optional Rate Plan (Cont'd) (T)

(4) Discontinuance of Service (T)

Except as specified in (3) above, discontinuance charges, as described below, will apply to the portion of the service being discontinued when the customer chooses to disconnect all or a portion of the service prior to the expiration of the term commitment period. (C)

(a) Should the customer choose to discontinue a Term Discount plan prior to the completion of the minimum service period, discontinuance charges will apply. Discontinuance charges equal to one-hundred percent of the total undiscounted monthly rates, less any amounts previously paid, will apply for the minimum service period. Additionally, discontinuance charges of fifteen percent for OC3/OC3c service, and thirty-five percent for OC12 service, of the total undiscounted monthly charges will apply to the remaining portion of the term commitment period. (T) (C) (C)

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ACCESS SERVICE (N)

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Optional Rate Plans (Cont'd)

(B) Synchronous Optical Channel Service (SOCS) Optional Rate Plan (Cont'd) (N)

(b) Should the customer choose to discontinue service ordered under a Term Discount plan after the minimum service period but before the completion of the discount period, discontinuance charges will apply. Discontinuance charges of fifteen percent for OC3/OC3c Service, and thirty-five percent for (T) (M) (C)
OC12 Service, of the total undiscounted monthly charges will apply to the remaining portion of the term commitment period. For (C)
example, a customer has an OC3 Service which it chooses to discontinue after 33 months into a 60-month service term. The discontinuance charge would be 0.15 times 27 months times the undiscounted monthly rates for that service. (M)

Certain material currently found on this page previously appeared on 2nd Revised Page 7-27.12.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Surcharge for Special Access Service

7.3.1 General

Special Access Services provided under this tariff may be subject to the monthly Special Access Surcharge.

7.3.2 Application

(A) The Special Access Surcharge will apply to each interstate Special Access Service that terminates on an end user's PBX or other device, where through a function of the device, the Special Access Service interconnects to the local exchange network. Interconnection functions include, but are not limited to, wiring and software functions, bridging, switching or patching of calls or stations. The Surcharge will apply irrespective of whether the interconnection function is performed in equipment located at the customer's premises or in a Centrex CO-type switch.

(B) Special Access Service will be exempted from the Surcharge by the Telephone Company upon receipt of the customer's written certification for the following Special Access Service terminations:

(1) an open-end termination in a Telephone Company switch of an FX line, including CCSA and CCSA-equivalent ONALs; or

(2) an analog channel termination that is used for radio or television program transmission; or

(3) a termination used for TELEX service; or

(4) a termination that by the nature of its operating characteristics could not make use of Telephone Company common lines such as, terminations which are restricted through hardware or software; or

(x) Issued to reflect new corporate address.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Surcharge for Special Access Service (Cont'd)

7.3.2 Application (Cont'd)

(B) (Cont'd)

(5) a termination that interconnects either directly or indirectly to the local exchange network where the Special Access Service accesses only FGA and no local exchange lines, or Special Access Service between customer points of termination, or Special Access Service connecting CCSA or CCSA-type equipment (inter-machine trunks); or (C) (C)

(6) a termination that the customer certifies to the Telephone Company is not connected to a PBX or other device which interconnects the Special Access Service to a local exchange subscriber line.

7.3.3 Exemption of Special Access Service

(A) Special Access Services which are terminated as set forth in 7.3.2(B) preceding will be exempted from the Special Access Surcharge if the customer provides the Telephone Company with written exemption certification. The certification may be provided to the Telephone Company as follows:

- at the time the Special Access Service is ordered or installed; or (T)

- at such time as the service is reterminated to a device which does not interconnect the service to local exchange facilities. (T)

(D)
|
|
(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Surcharge for Special Access Service (Cont'd)

7.3.3 Exemption of Special Access Service (Cont'd)

(B) The exemption certification is to be provided by the customer ordering the service. The certification must be signed by the customer or authorized representative and include the category of exemption, as set forth in 7.3.2(B) preceding, for each termination, and the date which the exemption is effective.

(C) The customer shall also notify the Telephone Company when an exempted Special Access Service is changed or reterminated such that the exemption is no longer applicable.

(D) The Telephone Company will work cooperatively with the customer to resolve any questions regarding the exemption certification. In addition, the Telephone Company may withhold exemption of the service until the questions are resolved.

7.3.4 Rate Regulations

(A) The surcharge will apply as set forth in 7.3.2(A) preceding, except that a surcharge will be assessed on a per voice grade equivalent basis for Special Access Services derived from High Capacity Special Access Services as illustrated in the following example:

Special Access Service	Voice Grade Equivalent		Surcharge		Monthly Charge
DS1	24	x	$25	=	$600.00

The preceding example illustrates the maximum number of surcharges applicable to a DS1. If the customer claims exemption(s) as set forth in 7.3.3 preceding or, is not utilizing all available voice grade equivalents and has spare capacity, the number of surcharges would be reduced accordingly.

In the case of multipoint Special Access Services, one Special Access Surcharge will apply for each termination of a Special Access Channel at an end user's premises.

(x) Issued to reflect new corporate address.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Surcharge for Special Access Service (Cont'd)

7.3.4 Rate Regulations (Cont'd)

(B) The Telephone Company will bill the appropriate Special Access Surcharge to the ordering customer for each interstate Special Access Service installed unless exemption certification is provided as set forth in 7.3.3 preceding.

(C) If a written certification is not received at the time the Special Access Service is obtained, the Surcharge will be applied. Exempt status will become effective on the certification date indicated by the customer, subject to the regulations set forth in (D) following.

(D) Crediting the Surcharge

The Telephone Company will cease billing the Special Access Surcharge when certification, as set forth in 7.3.3. preceding, is received. If the status of the Special Access Service was changed prior to receipt of the exemption certification, the Telephone Company will credit the customer's account, not to exceed ninety (90) days, based on the effective date of the change as specified by the customer in the letter of certification.

(x) Issued to reflect new corporate address.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Metallic Service

7.4.1 Basic Channel Description

A Metallic channel is an unconditioned two-wire channel arranged to transmit direct current and capable of transmitting low speed varying signals at rates up to 30 baud. This channel is provided by metallic or equivalent facilities. Metallic channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs where bridging functions are performed. Interoffice metallic facilities will be limited in length to a total of five miles per channel.

Metallic Special Access Services are typically used for applications such as alarm, pilot wire protective relaying, and dc tripping protective relaying. These examples of applications are not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use.

Rates and charges for Special Access Metallic Service are as set forth in Section 17.3.2, following. The Telephone Company specific rate band assignment for the Metallic Access Service rate elements is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

7.4.2 Technical Specifications Packages and Network Channel Interfaces

Technical Specifications Packages are set forth in Section 15.2.1(A), following. Compatible network channel interfaces are set forth in Section 15.2.2(C)(1), following.

7.4.3 Optional Features and Functions

Central Office Bridging Capability

(A) Three Premises Bridging - Provision of tip-to-tip and ring-to-ring connection in a central office of a metallic pair to a third customer designated premises.

(B) Series Bridging of up to 26 customer designated premises.

The table set forth in Section 15.2.1(A), following, shows the technical specifications packages with which the optional features and functions are available.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Metallic Service (Cont'd)

7.4.3 Optional features and Functions (Cont'd)

(C) DSL Access Service Connection

(1) The DSL Access Service Connection function provides for the interconnection of a customer's Ethernet-based local area network (LAN) with ADSL Access Service as described in Section 8.1, following, and with SDSL Access Service as described in Section 8.2, following, provided by the Telephone Company under this tariff. The function also provides for the interconnection of a customer's Ethernet-based LAN with a wireline broadband Internet transmission service provided on a non-tariffed, common carrier basis. This function provides the ability to transmit data at speeds of up to 10 Mbps (i.e., 10BASE-T) or 100 Mbps (i.e., 100BASE-T) over distances no greater than 300 feet as specified in Technical Reference IEEE Std. 802.3-2008, Part 3, Section 1, Clause 14 for 10BASE-T and Section 2, Clauses 21 and 29 for 100BASE-T.

Rates and charges for the 10BASE-T and 100BASE-T DSL Access Service Connection functions are as set forth in Section 17.3.2(C)(2), following. The Telephone Company specific rate band assignment for the DSL Access Service Connection function rate element is specified in the Special Access (SPA) column in Section 17.5.1, following. Each 10BASE-T function requires two unconditioned two-wire Metallic Service Channel Terminations to be terminated at the DSL Access Service Connection Point. Each 100BASE–T function requires two unconditioned two-wire Metallic Service Channel Terminations to be terminated at a DSL Access Service Connection Point. (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Telegraph Grade Service

7.5.1 Basic Channel Description

Telegraph Grade channel is an unconditioned channel capable of transmitting binary signals at rates of 0-75 baud or 0-150 baud. This channel is furnished for half-duplex or duplex operation. Telegraph Grade channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs.

Telegraph Grade Special Access Services are typically Used for applications such as teletypewriter, telegraph grade control/remote metering, telegraph grade channel, telegraph grade extension, and telegraph grade entrance facilities. These examples of applications are not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use.

Rates and charges for Special Access Telegraph Grade Service are as set forth in Section 17.3.3, following. The Telephone Company specific rate band assignment for the Telegraph Grade Service rate elements is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

7.5.2 Technical Specifications Packages and Network Channel Interfaces

Technical Specifications Packages are set forth in Section 15.2.1(B), following. Compatible network channel interfaces are set forth in Section 15.2.2(C)(2), following.

7.5.3 Optional Features and Functions

Telegraph Bridging (two-wire and four-wire)

The table set forth in Section 15.2.1(B), following, shows the technical specifications packages with which the optional features and functions are available.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Voice Grade Service

7.6.1 Basic Channel Description

A Voice Grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated as two-wire or four-wire. Voice Grade channels are provided between customer designated premises, between a customer designated premises and a Telephone Company hub or hubs, or between a customer designated premises and a WATS Serving Office (WSO).

Voice Grade Special Access Services are typically used for voice and voiceband data applications. Typical examples of voice grade circuits are Foreign Exchange lines (station end only), multipoint private line, voice trunk type, two-point voice grade data (one-way or simultaneous two-way), multipoint voice grade data, and voice grade telephoto or facsimile. These examples of applications are not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use.

Rates and charges for Special Access Voice Grade Service are as set forth in Section 17.3.4, following. The Telephone Company specific rate band assignment for the Voice Grade Service rate elements is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

7.6.2 Technical Specifications Packages and Network Channel Interfaces

Technical Specifications Packages are set forth in Section 15.2.1(C), following. Compatible network channel interfaces are set forth in Section 15.2.2(C)(3), following.

7.6.3 Optional Features and Functions

(A) Central Office Bridging Capability

(1) Voice Bridging (two-wire and four-wire)

(2) Data Bridging (two-wire and four-wire)

(3) Telephoto Bridging (two-wire and four-wire)

(4) DATAPHONE Select-A-Station Bridging with sequential arrangement ports or addressable arrangement ports

7. Special Access Service (Cont'd)

7.6 Voice Grade Service (Cont'd)

7.6.3 Optional Features and Functions (Cont'd)

(A) Central Office Bridging Capability (Cont'd)

(5) Telemetry and Alarm Bridging

Split Band, Active Bridging
Passive Bridging
Summation, Active Bridging

The rates for these options are set forth in Section 17.3.4(C)(1)(e,) following. The Telephone Company specific rate band assignment for the Central Office Bridging Capability rate elements is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

(B) Central Office Multiplexing

Voice to Telegraph Grade. An arrangement that converts a Voice Grade channel to Telegraph Grade channels using frequency division multiplexing.

The rate for this option is set forth in Section 17.3.4(C)(5), following. The Telephone Company specific rate band assignment for the Voice to Telegraph Grade Multiplexing rate element is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

(C) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade services. The rates for these options are set forth in Section 17.3.4(C)(2), following. The Telephone Company specific rate band assignment for the Conditioning rate elements is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

For two-point services, the parameters apply to each service as measured end-to-end. For multipoint services, the parameters apply as measured on each mid-link or as measured on each end link. C-Type conditioning and Data Capability may be combined on the same service.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Voice Grade Service (Cont'd)

7.6.3 Optional Features and Functions (Cont'd)

(C) Conditioning (Cont'd)

(1) C-Type Conditioning

C-Type Conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-Type Conditioning are delineated in Technical Reference TR-NWT-000335. (T)

(2) Improved Attenuation Distortion*

Improved Attenuation Distortion upgrades the frequency versus loss limits of the channel. The technical specifications for Improved Attenuation Distortion are delineated in Technical Reference TR-NWT-000335. This option is available only when ordered in combination with C-Type Conditioning. (T)

(3) Improved Envelope Delay Distortion*

Improved Envelope Delay Distortion upgrades the frequency versus delay response limits of the channel. The technical specifications for Improved Envelope Delay Distortion are delineated in Technical Reference TR-NWT-000335. This option is available only when ordered in combination with C-Type Conditioning. (T)

* Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Voice Grade Service (Cont'd)

7.6.3 Optional Features and Functions (Cont'd)

(C) Conditioning (Cont'd)

(4) Data Capability (D Conditioning)

Data Capability provides transmission characteristics suitable for data communications. Specifically, Data Capability provides for the control of Signal to C-Notched Noise Ratio and intermodulation distortion. It is available for two-point services or three-point multipoint services.

The Signal to C-Notched Noise Ratio and intermodulation distortion parameter for Data Capability are delineated in Technical Reference TR-NWT-000335. (C)

When a service equipped with Data Capability is used for voice communications, the quality of the voice transmission may not be satisfactory.

(5) Telephoto Capability

Telephoto Capability provides transmission characteristics suitable for telephotographic communications. Specifically, Telephoto Capability is provided for the control of attenuation distortion and envelope delay distortion on telephotographic services. The attenuation distortion and envelope delay distortion parameters for Telephoto Capability are delineated in Technical Reference TR-NWT-000335. (C)

(6) Sealing Current Conditioning

Sealing Current Conditioning is provided to help maintain continuity on dry metallic loops. It is usually associated with four-wire DA or NO type network channel interfaces.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Voice Grade Service (Cont'd)

7.6.3 Optional Features and Functions (Cont'd)

(D) Customer Specified Premises Receive Level

This option allows the customer to specify the receive level at the Point of Termination. The level must be within a specific range on effective four-wire transmission. The ranges are delineated in Technical Reference TR-NWT-000335. The rate for this option is set forth in Section 17.3.4(C)(4), following. The Telephone Company specific rate band assignment for the Customer Specified Premises Received Level rate element is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

(E) Improved Return Loss

(1) On Effective Four-Wire Transmission at Four-Wire Point of Termination (applicable to each two-wire port): Provides for a fixed 600 ohm impedance, variable level range and simplex reversal. Telephone Company equipment is required at the customer's premises where this option is ordered. The Improved Return Loss parameters are delineated in Technical Reference TR-NWT-000335. The rate for this option is set forth in Section 17.3.4(C)(3),following. The Telephone Company specific rate band assignment for the Effective Four-Wire Improved Return Loss rate element is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

On Effective Two-Wire Transmission at Two-Wire Point of Termination: Provides for more stringent Echo Control specifications. In order for this option to be applicable, the transmission path must be four-wire at one POT and two-wire at the other POT. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire POT. The Improved Return Loss parameters are delineated in Technical Reference TR-NWT-000335 The rate for this option is set forth in Section 17.3.4(C)(3), following. The Telephone Company specific rate band assignment for the Effective Two-Wire Improved Return Loss rate element is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Voice Grade Service (Cont'd)

7.6.3 Optional Features and Functions (Cont'd)

(F) Signaling Capability

Signaling Capability provides for the ability to transmit signals from one customer premises to another customer premises on the same service. The rate for this option is set forth in Section 17.3.4(C)(6), following. The Telephone Company specific rate band assignment for the Signaling Capability rate element is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

The following network channel interfaces for Voice Grade service do not require signaling capability: AH, DA, DB, DD, DE, DS, NO, PR and TF.

The following network channel interfaces for Voice Grade service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF. The signaling capability charge will not apply when used in the provision of WATS access service.

(G) Selective Signaling Arrangement

An arrangement that permits code selective ringing for up to ten codes on a multipoint service. The rate for this option is set forth in Section 17.3.4(C)(7), following. The Telephone Company specific rate band assignment for the Selective Signaling Arrangement rate element is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Voice Grade Service (Cont'd)

7.6.3 Optional Features and Functions (Cont'd)

(H) Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of an access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to another channel that terminates in either the same or a different customer premises. A key activated or dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as part of the option. The rate for this option is set forth in Section 17.3.4(C)(8), following. The Telephone Company specific rate band assignment for the Transfer Arrangement rate element is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

(I) Public Packet Switching Network (PPSN) Interface Arrangement

An arrangement that provides the interface requirements that permit a Voice Grade service to interface with a Public Packet Switching Network packet switch located in a Telephone Company premises. The interface is compatible with X.25 and X.75 packet switching protocols as defined by the CCITT. This option is provided on an Individual Case Basis as set forth in Section 17.3.4(C)(9), following.

(J) Four-Wire/Two-Wire Conversions

When a customer requests that an effective four-wire channel be terminated with a two-wire channel interface at the customer designated premises, a four-wire to two-wire conversion is required. The customer will be charged the four-wire Channel Termination rate as set forth in Section 17.3.4(A), following, when an effective four-wire is specified in the order for service. The rate for the conversion is included as part of the basic four-wire Channel Termination rate.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Voice Grade Service (Cont'd)

7.6.3 Optional Features and Functions (Cont'd)

(K) Improved Two-Wire Voice Transmission

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is -4.0 dB to +4.0 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 280 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +6.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than:

Route Miles	C-Message Noise
less than 50	35 dBrnco
51 to 100	37 dBrnco
101 to 200	40 dBrnco
201 to 400	43 dBrnco
401 to 1000	45 dBrnco

(4) Return Loss

The Return Loss, expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is equal to or greater than:

ERL	13.0 dB
SRL	6.0 dB

The rate for the provision of Improved Two-Wire Voice Transmission is included as part of the basic Channel Termination rate.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.7 Program Audio Service

7.7.1 Basic Channel Description

A Program Audio channel is a channel with bandwidth measured in Hz for the transmission of a complex signal voltage. The actual bandwidth is a function of the channel interface selected by the customer. Only one-way transmission is provided. Program Audio channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs.

Program Audio Special Access services are typically used in full-time and part-time applications for radio broadcasting, noncommercial educational audio, and wired music. These examples of applications are not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use.

Rates and charges for Special Access Program Audio Service are as set forth in Section 17.3.5, following. The Telephone Company specific rate band assignment for the Program Audio Service rate elements is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

7.7.2 Technical Specifications Packages and Network Channel Interfaces

Technical Specifications Packages are set forth in Section 15.2.1(D), following. Compatible network channel interfaces are set forth in Section 15.2.2(C)(4), following.

7.7.3 Optional Features and Functions

(A) Central Office Bridging Capability

Distribution Amplifier

(B) Gain Conditioning

Control of 1004 Hz AML at initiation of service to 0 dB ± 0.5 dB.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.7 Program Audio Service (Cont'd)

7.7.3 Optional Features and Functions (Cont'd)

(C) Stereo

Provision of a pair of gain/phase equalized channels for stereo applications. (An additional Program Audio channel must be ordered separately.)

The table set forth in 15.2.1(D) following shows the technical specifications packages with which the optional features and functions are available.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.8 Video Service

7.8.1 Basic Channel Description

A Video channel is a channel with one-way transmission capability for a standard 525 line/60 field monochrome, or National Television Systems Committee color, video signal and one or two associated 5 or 15 kHz audio signal(s). The associated audio signal(s) may be either diplexed or provided as one or two separate channels. The provision and the bandwidth of the associated audio signal(s) is a function of the channel interface selected by the customer. Video channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs.

Rates and charges for Special Access Video Service are as set forth in Section 17.3.6, following. The Telephone Company specific rate band assignment for the Video Service rate elements is specified in the Special Access (SPA) column in Section 17.5.1, following. (T) (T)

7.8.2 Technical Specifications Packages and Network Channel Interfaces

Technical Specifications Packages are set forth in Section 15.2.1(E), following. Compatible network channel interfaces are set forth in Section 15.2.2(C)(5), following.

The following network channel interfaces (NCIs) define the bandwidth and the provision of the audio signal(s) associated with a Video channel:

NCI	Audio Bandwidth	Provision
2TV6-1	15kHz	1 Channel, diplexed
2TV6-2	15kHz	2 Channels, diplexed
2TV7-1	15kHz	1 Channel, diplexed
2TV7-2	15kHz	2 Channels, diplexed
4TV6-5	5kHz	1 Channel, separate
4TV6-15	15kHz	1 Channel, separate
4TV7-5	5kHz	1 Channel, separate
4TV7-15	15kHz	1 Channel, separate
6TV6-5	5kHz	2 Channels, separate
6TV6-15	15kHz	2 Channels, separate
6TV7-5	5kHz	2 Channels, separate
6TV7-15	15kHz	2 Channels, separate

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.9 Digital Data Service

7.9.1 Basic Channel Description

A Digital Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0* Kbps. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Digital Data channels are provided as either hubbed or non-hubbed services between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs. The hubs providing hubbed digital service and the wire centers providing non-hubbed digital service are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., WIRE CENTER INFORMATION, TARIFF F.C.C. NO. 4.

The customer may provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the Digital Data channel at the customer premises.

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875% error-free seconds (if provided through a Digital Data hub) while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62310 (MDP-326-726).

Rates and charges for Special Access Digital Data Service are as set forth in Section 17.3.7, following. The Telephone Company specific rate band assignment for the Digital Data Service rate elements is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

7.9.2 Technical Specifications Packages and Network Channel Interfaces

Technical Specifications Packages are set forth in Section 15.2.1(F), following. Compatible channel interfaces are set forth in Section 15.2.2(C)(6), following.

* When 64.0 Kbps service is multiplexed on a DS1 High Capacity service, the DS1 must be equipped to provide Clear Channel Capability.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.9 Digital Data Service (Cont'd)

7.9.2 Technical Specifications Packages and Network Channel Interfaces (Cont'd)

The following network channel interfaces (NCIs) define the bit rates that are available for a Digital Data channel:

NCI	Bit Rate
DU-24	2.4 Kbps
DU-48	4.8 Kbps
DU-96	9.6 Kbps
DU-19	19.2 Kbps
DU-56	56.0 Kbps
DU-64	64.0 Kbps

7.9.3 Optional Features and Functions

The Optional Features and Functions described in (A), (B), and (C) following are only available where Digital Data Service is provided via a hub. The Optional Features and Functions described in (D) following are available where Digital Data Service is provided on a non-hubbed basis.

(A) Central Office Bridging Capability

Bridging is not available on a 64.0 Kbps channel.

(B) Transfer Arrangement

An arrangement that affords the customer an additional measure of protection and/or flexibility in the use of their access channel(s) on a 1xN basis. The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer designated premises. This arrangement is only available at a Telephone Company designated hub. A key activated or dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as a part of the option.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.9 Digital Data Service (Cont'd)

7.9.3 Optional Features and Functions (Cont'd)

(C) Public Packet Switching Network (PPSN) Interface Arrangement

An arrangement that provides the interface requirements that permit a Digital Data Service to interface with a Public Packet Switching Network packet switch located in a Telephone Company premises. The interface is compatible with X.25 and X.75 packet switching protocols as defined by the CCITT.

The table set forth in 15.2.1(F) following shows the technical specifications packages with which the optional features and functions are available.

(D) Public Packet Data Service Interface Arrangement

An arrangement that provides for the interface requirements that permit a Digital Data Service to interface with a Public Packet Data switch located in a Telephone Company premises. The interface is compatible with Frame Relay packet switching protocols. The interface is only available for 56.0 kbps and 64.0 kbps rates.

The table set forth in 15.2.1(F) following shows the technical specifications packages with which the optional features and functions are available.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 High Capacity Service

7.10.1 Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 Kbps* or 1.544, 3.152, 6.312, 44.736, or 274.176 Mbps isochronous serial data. The actual bit rate is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs. In addition, 1.544 Mbps and 44.736 Mbps High Capacity Service channels may be provided between a customer designated premises and a Telephone Company designated DSL Access Service Connection Point, between a customer designated premises and a serving wire center equipped with Asynchronous Transfer Mode Cell Relay Access Service, between a customer designated premises and a serving wire center equipped with Frame Relay Access Service (FRAS), between a Telephone Company serving wire center equipped with ATM-CRS and another telephone company ATM-equipped serving wire center and/or between a Telephone Company serving wire center equipped with FRAS and another telephone company serving wire center equipped with a frame relay switch that is located in a non-adjacent serving territory. (C)

Additionally, a 44.736 Mbps High Capacity Service channel may be provided between a customer designated premises and a serving wire center equipped with Ethernet Transport Service (ETS) and/or between a Telephone Company serving wire center equipped with ETS and another telephone company Ethernet-equipped serving wire center that is located in a non-adjacent serving territory. (N) (N)

* Available only as a channel of a 1.544 Mbps facility to a Telephone Company Digital Data hub or as a cross connect of two 2.4, 4.8, 9.6, 56.0 or 64.0 Kbps channels of two 1.544 Mbps facilities to a Digital Data hub(s). The customer must provide system and channel assignment data.

Certain material formerly found on this page now appears on 2nd Revised Page 7-47.1.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.1 Basic Channel Description (Cont'd)

The customer may provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises.

A channel with technical specifications package DS1 will be capable of an error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference GR-342-CORE.

A term discount is available for High Capacity Service. A term discount is only available from those Telephone Companies listed in Section 17.3.10(A)(1), following. Section 7.2.8(A), preceding, specifies the conditions under which a term discount is applicable.

Rates and charges for High Capacity Service are as set forth in Section 17.3.8, following. The Telephone Company specific rate band assignment for the High Capacity Service rate elements is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.2 Technical Specifications Packages and Network Channel Interfaces

Technical Specifications Packages are set forth in 15.2.1(G) following. Compatible channel interfaces are set forth in 15.2.2(C)(7) following.

The following network channel interfaces (NCIs) define the bit rates that are available for a High Capacity channel:

NCI	Bit Rate
DS-15*	1.544 Mbps (DS1)
DS-27	274.176 Mbps (DS4)
DS-31	3.152 Mbps (DS1C)
DS-44	44.736 Mbps (DS3)
DS-63	6.312 Mbps (DS2)

* A 64.0 Kbps channel is available as a channel(s) of a 1.544 Mbps channel to a Telephone Company hub.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.3 Optional Features and Functions

(A) Automatic Loop Transfer

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel line when a working line fails. The spare channel is not included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer designated premises. The customer is responsible for providing the equipment at its designated premises. Equipment at the customer designated premises will be provided under tariff only if it existed in the Telephone Company inventory as of November 18, 1983.

(B) Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer designated premises. A key activated or dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as part of the option.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.3 Optional Features and Functions (Cont'd)

(C) Central Office Multiplexing

(1) DS4 to DS1

An arrangement that converts a 274.176 Mbps channel to 168 DS1 channels using digital time division multiplexing.

(2) DS3 to DS1

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

(3) DS2 to DS1

An arrangement that converts a 6.312 Mbps channel to four DS1 channels using digital time division multiplexing.

(4) DS1C to DS1

An arrangement that converts a 3.152 Mbps channel to two DS1 channels using digital time division multiplexing.

(5) DS1 to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel(s) of this DS1 to the Hub can also be used for a Digital Data Service.

(6) DS1 to DS0

An arrangement that converts a 1.544 Mbps channel to 23 64.0 Kbps channels utilizing digital time division multiplexing.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.3 Optional Features and Functions (Cont'd)

(C) Central Office Multiplexing (Cont'd)

(7) DS0 to Subrate

An arrangement that converts a 64.0 Kbps channel to subspeeds of up to twenty 2.4 Kbps, ten 4.8 Kbps, or five 9.6 Kbps channels using digital time division multiplexing.

The table set forth in 15.2.1(G) following shows the technical specifications packages with which the optional features and functions are available.

(D) Clear Channel Capability (CCC)

(1) CCC is an arrangement that allows a customer to transport 1.536 Mbps information rate signals over a 1.544 Mbps High Capacity channel or over a 1.544 Mbps High Capacity channel derived from a multiplexed 44.736 Mbps High Capacity channel with no constraint on the quantity or sequence of one and zero bits. This arrangement requires the customer signal at the channel interface to conform to Bipolar with Eight Zero Substitution (B8ZS) line code as described in Technical Reference GR-54-CORE and Technical Reference GR-342-CORE. (T) (T)

(2) CCC is provided, subject to availability of facilities, on DS1/1.544 Mbps High Capacity channels between two customer designated premises and on multiplexed DS3/44.736 Mbps High Capacity channels or multiplexed DS1/1.544 Mbps High Capacity channels* between a Telephone Company hub office and a customer designated premises. The wire centers providing CCC are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., WIRE CENTER INFORMATION, TARIFF F.C.C. NO. 4.

(3) The CCC optional feature may be ordered at the same time the High Capacity service is ordered or it may be ordered as an addition to an existing High Capacity Service. The customer must agree to out-of-service periods required to add this feature to an existing High Capacity Service. The charges for the CCC optional feature are as set forth in 7.2.2(C)(3) preceding.

* Available only on a DS1-to-Digital multiplexed configuration.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.3 Optional Features and Functions (Cont'd)

(E) Shared SONET Ring Interoffice Transport

(1) Shared SONET Ring Interoffice Transport (SSRIT) is a non-chargeable optional feature which provides interoffice transmission of a DS3 High Capacity Service over a SONET-based facility deployed in a ring configuration. Shared SONET Ring Interoffice Transport provides increased reliability and functionality using a self-healing ring topology designed to continually monitor service quality, detect any failure within the system, and automatically self-heal within 50 milliseconds around the point of failure by switching to a protect path to ensure the flow of services between locations within the self-healing ring.

(2) Shared SONET Ring Interoffice Transport is provided for the interoffice portion of DS3 High Capacity Service, subject to availability of SONET ring facilities. The wire centers offering Shared SONET Ring Interoffice Transport are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., WIRE CENTER INFORMATION, TARIFF F.C.C. NO. 4.

(3) The Shared SONET Ring Interoffice Transport optional feature may be ordered at the same time the DS3 High Capacity service is ordered or it may be ordered as an addition to an existing DS3 High Capacity Service. The customer must agree to out-of-service periods required to add this feature to an existing DS3 High Capacity Service. The charges for the Shared SONET Ring Interoffice Transport optional feature are as set forth in 7.2.2.(C)(3) preceding.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 High Capacity Service (Cont'd)

7.10.3 Optional Features and Functions (Cont'd)

(F) DSL Access Service Connection

(1) The DSL Access Service Connection function provides for the interconnection of a 1.544 Mbps or 44.736 Mbps High Capacity Service with ADSL Access Service as described in Section 8.1, following, and with SDSL Access Service as described in Section 8.2, following, provided by the Telephone Company under this tariff. The function also provides for the interconnection of a 1.544 Mbps or 44.736 Mbps High Capacity Service with a wireline broadband Internet transmission service provided on a non-tariffed, common carrier basis.

Rates and charges for the DSL Access Service Connection function are as set forth in Section 17.3.8(F), following. The Telephone Company specific rate band assignment for the DSL Access Service Connection function rate element is specified in the Special Access (SPA) column in Section 17.5.1, following. This function applies to each 1.544 Mbps or 44.736 Mbps High Capacity Service terminated at a DSL Access Service Connection Point. (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 Synchronous Optical Channel Service

7.11.1 Basic Channel Description

A Synchronous Optical Channel Service channel provides dedicated transport utilizing Synchronous Optical Network (SONET) transmission standards. Synchronous Optical Channel Service provides optical network capability to customers requiring connections at transmission rates of 155.52 Mbps (OC3) and 622.08 Mbps (OC12). Synchronous Optical Channel Service is provided between two customer designated premises (CDP) through one or more Telephone Company wire centers, or between a CDP and a wire center equipped with Asynchronous Transfer Mode Cell Relay Access Service, or between a CDP and a wire center equipped for Add/Drop Multiplexing (ADM). In addition, customers at an ADM equipped wire center may add or drop bandwidth capacity from the synchronous optical channel for delivery to a customer designated premises, WATS office, Public Packet Data Network Service, or another wire center.

OC3/OC3c Synchronous Optical Channel Service may also be provided between a customer designated premises and a Telephone Company designated DSL Access Service Connection Point.

Additionally, a Synchronous Optical Channel Service channel may be provided between a customer designated premises and a serving wire center equipped with Ethernet Transport Service (ETS) and/or between a Telephone Company serving wire center equipped with ETS and another telephone company Ethernet-equipped serving wire center that is located in a non-adjacent serving territory. (N)

Each channel will be configured with one working and one protect fiber pair within the same sheath between the CDP and the serving wire center of the CDP which provides redundancy to protect the customer's service. Should a failure occur, the SONET technology will automatically switch the customer's transmission to the dedicated protect fiber pair.

Certain material formerly found on this page now appears on 3rd Revised Page 7-52.1.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 Synchronous Optical Channel Service (Cont'd)

7.11.1 Basic Channel Description (Cont'd)

The customer may provide node and port equipment at the CDP which allows the high speed optical carrier channel to be converted to an electrical signal at a lower speed. The provision of such equipment by the customer is subject to compatibility with the Telephone Company's equipment in the serving wire center and must comply with the standards specified in GR-253-CORE.

The OC3 channel is available in a non-concatenated format (OC3) which provides three individual signals. The OC3 channel is also available in a concatenated format (OC3c) which provides a single signal appropriate for data transmissions.

A term discount is available for Synchronous Optical Channel Service. A term discount is only available from those Telephone Companies listed in Section 17.3.10(A)(1), following. Section 7.2.8(B), preceding, specifies the conditions under which a term discount is applicable.

Synchronous Optical Channel Service is available at the wire centers as identified in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

Rates and charges for Synchronous Optical Channel Service are as set forth in Section 17.3.11, following. The Telephone Company specific rate band assignment for the Synchronous Optical Channel Service rate elements is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 Synchronous Optical Channel Service (Cont'd)

7.11.2 Network Channel Interfaces

Compatible channel interfaces for Synchronous Optical Channel Service are as set forth in Section 15.2.2(C)(8), following.

The following network channel interfaces (NCIs) define the bit rates that are available for a synchronous optical channel:

NCI	Bit Rate
FCF-B	155.52 Mbps (OC3, OC3c)
FCF-D	622.08 Mbps (OC12)

7.11.3 Optional Features and Functions

(A) Customer Node

A Customer Node charge applies when the Telephone Company provides terminal equipment at the customer designated premises for termination of a Synchronous Optical Channel Service Channel Termination. Such equipment may be used to convert the signal from an optical to electrical format. The Customer Node charge is determined by the level of optical service (i.e., OC3, OC3c or OC12) delivered to the premises. Each Customer Node must be configured with one or more Customer Premises Ports.

Rates and charges for the Customer Node are as set forth in Section 17.3.11(E)(1), following. The Telephone Company specific rate band assignment for the Customer Node rate element is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 Synchronous Optical Channel Service (Cont'd)

7.11.3 Optional Features and Functions (Cont'd)

(B) Customer Premises Port

Customer Premises Port charges apply in conjunction with the Customer Node charge. Each Customer Premises Port provides the interface to derive a lower capacity service at the customer premises. The type and quantity of ports is determined by the customer and is based on the type of Customer Node selected and the number of DS1, DS3, STS-1 and/or OC3/OC3c channels ordered. Customer Premises Ports are available at the following speeds:

Customer Premises Port	Speed
OC3, OC3c	155.52 Mbps
STS-1	51.84 Mbps
DS3	44.736 Mbps
DS1	1.544 Mbps

Rates and charges for the Customer Premises Port are as set forth in Section 17.3.11(E)(1), following. The Telephone Company specific rate band assignment for the Customer Premises Port rate element is specified in the Special Access (SPA) column in Section 17.5.1, following. (T) (T)

(C) Add/Drop Multiplexing

An Add/Drop Multiplexing Central Office Port charge applies to the interface provided at a Telephone Company wire center for the purpose of adding or dropping lower capacity services from Synchronous Optical Channel Service Channel Termination or Channel Mileage transport facilities. Central Office Ports are available at the following speeds:

Central Office Port	Speed
OC3, OC3c	155.52 Mbps
DS3	44.736 Mbps
DS1	1.544 Mbps

OC12 service may only be multiplexed to OC3/OC3c channels.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 Synchronous Optical Channel Service (Cont'd)

7.11.3 Optional Features and Functions (Cont'd)

(C) Add/Drop Multiplexing (Cont'd)

When an OC3 channel is derived from an OC12 service and is further multiplexed to obtain DS3 service, a DS3 port charge will apply in addition to the OC3 port charge.

When a DS3 channel is derived from an OC3 service and is further multiplexed to obtain DS1 service, a DS3 to DS1 Multiplexing charge as set forth in Section 17.3.8(D)(1), following, will apply in addition to the DS3 port charge.

When a DS1 channel is directly derived from an OC3 service, a DS1 port charge will apply.

When a DS1 channel is further multiplexed to a lower level signal, a DS1 to Voice Grade Multiplexing charge as set forth in Section 17.3.8(D)(1), following, will also apply.

Rates and charges for the Central Office Port are as set forth in Section 17.3.11(E)(2), following. The Telephone Company specific rate band assignment for the Add/Drop Multiplexing Central Office Port rate element is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 Synchronous Optical Channel Service (Cont'd)

7.11.3 Optional Features and Functions (Cont'd)

(D) Shared SONET Ring Interoffice Transport

(1) Shared SONET Ring Interoffice Transport (SSRIT) is a non-chargeable optional feature which provides interoffice transmission of a Synchronous Optical Channel Service over a SONET-based facility deployed in a ring configuration. Shared SONET Ring Interoffice Transport provides increased reliability and functionality using a self-healing ring topology designed to continually monitor service quality, detect any failure within the system, and automatically self-heal within 50 milliseconds around the point of failure by switching to a protect path to ensure the flow of services between locations within the self-healing ring.

(2) Shared SONET Ring Interoffice Transport is provided for the interoffice portion of Synchronous Optical Channel Service, subject to availability of SONET ring facilities. The wire centers offering Shared SONET Ring Interoffice Transport are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., WIRE CENTER INFORMATION, TARIFF F.C.C. NO. 4.

(3) The Shared SONET Ring Interoffice Transport optional feature may be ordered at the same time the Synchronous Optical Channel Service is ordered or it may be ordered as an addition to an existing Synchronous Optical Channel Service. The customer must agree to out-of-service periods required to add this feature to an existing Synchronous Optical Channel Service. The charges for the Shared SONET Ring Interoffice Transport optional feature are as set forth in 7.2.2.(C)(3) preceding.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 Synchronous Optical Channel Service (Cont'd)

7.11.3 Optional Features and Functions (Cont'd)

(E) DSL Access Service Connection

(1) The DSL Access Service Connection function provides for the interconnection of an OC3 or OC3c Synchronous Optical Channel Service with ADSL Access Service as described in Section 8.1, following, and with SDSL Access Service as described in Section 8.2, following, provided by the Telephone Company under this tariff. The function also provides for the interconnection of an OC3 or OC3c Synchronous Optical Channel Service with a wireline broadband Internet transmission service provided on a non-tariffed, common carrier basis.

Rates and charges for the DSL Access Service Connection function are as set forth in Section 17.3.11(E)(4), following. The Telephone Company specific rate band assignment for the DSL Access Service Connection Function rate element is specified in the Special Access (SPA) column in Section 17.5.1, following. This function applies to each OC3 or OC3c Synchronous Optical Channel terminated at a DSL Access Service Connection Point. (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.12 Individual Case Filings

Certain services set forth in Special Access Service, Section 7. are provided on an Individual Case Basis. Rates and charges for Special Access Service provided on an Individual Case Basis are set forth in 17.3.9 following.

(x) Issued to reflect new corporate address.

ACCESS SERVICE

8. Digital Subscriber Line Access Services

Where offered under this tariff, Digital Subscriber Line Access Services provide transmission services over local exchange service facilities that can be used for simultaneous voice and data communications. Service is provided, where available, between customer designated premises and designated Telephone Company Serving Wire Centers.

8.1 Asymmetric Digital Subscriber Line Access Service

8.1.1 General

Asymmetric Digital Subscriber Line (ADSL) Access Service enables data traffic generated by a customer-provided modem to be transported to a DSL Access Service Connection Point using the Telephone Company's local exchange service facilities. A DSL Access Service Connection Point is an interconnection point designated by the Telephone Company in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. No. 4 at which the customer may interconnect its ADSL Access Service provided by the Telephone Company under this tariff or its wireline broadband Internet transmission service provided on a non-tariffed, common carrier basis with the tariffed, interstate access services described below. The DSL Access Service Connection Point aggregates ADSL Access Service and/or wireline broadband Internet transmission service data traffic from and to suitably equipped Telephone Company Serving Wire Centers (SWCs). The DSL Access Service Connection Point may be located within the operating territory of the Telephone Company for connections to Special Access Services, Frame Relay Access Service, Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) or Ethernet Transport Service (ETS). (T) (C) As specified below, the DSL Access Service Connection Point may also be located in the operating territory of another telephone company for connections to special access services, frame relay access service, or Ethernet access service, provided both telephone companies agree to such an arrangement. (C) (C) (C)

Certain material formerly found on this page now appears on 7th Revised Page 8-1.1.

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ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.1 General (Cont'd)

When both the ADSL-equipped SWC and its associated DSL Access Service Connection Point are located within the Telephone Company's operating territory, the customer's ADSL Access Service must be connected to the customer designated premises of a single telecommunications service provider (TSP) using the Telephone Company's Special Access Services, Frame Relay Access Service, ATM-CRS, or ETS provided under this tariff.

When both the ADSL-equipped SWC from which the Telephone Company provides local exchange and exchange access services and its associated DSL Access Service Connection Point are located in the operating territory of another telephone company, the customer's ADSL Access Service must be connected to the customer designated premises of a single TSP using either equivalent special access service, frame relay access service, asynchronous transfer mode or Ethernet access service provided by the other telephone company. (C)

When the ADSL-equipped SWC is located within the Telephone Company's operating territory and its associated DSL Access Service Connection Point is located in the operating territory of another telephone company, the customer's ADSL Access Service must be connected to the customer designated premises of a single TSP using either equivalent special access service, frame relay access service, asynchronous transfer mode or Ethernet access service, provided by the other telephone company. (C)

When the ADSL-equipped SWC from which the Telephone Company provides local exchange and exchange access services is located in the operating territory of another telephone company and the DSL Access Service Connection Point is located within the Telephone Company's operating territory, the customer's ADSL Access Service must be connected to the customer designated premises of a single TSP using the Telephone Company's Special Access Services, Frame Relay Access Service, ATM-CRS or ETS provided under this tariff. (C)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.1 General (Cont'd)

Where technically feasible, ADSL Access Service is available as two service options, i.e., ADSL Voice-Data and ADSL Data-Only.

(A) The ADSL Voice-Data option provides transmission of data signals using the Telephone Company's existing local exchange service line at peak data transmission speeds of 1 Mbps upstream/6 Mbps downstream, 3 Mbps upstream/15 Mbps downstream, 25 Mbps upstream/50 Mbps downstream, or 50 Mbps upstream/100 Mbps downstream. The ADSL Voice-Data option may be used for simultaneous voice and data communications.

(B) The ADSL Data-Only option provides transmission of data signals using the Telephone Company's existing local exchange facilities at peak transmission speeds of 1 Mbps upstream/6 Mbps downstream, 3 Mbps upstream/15 Mbps downstream, 25 Mbps upstream/50 Mbps downstream, or 50 Mbps upstream/100 Mbps downstream. The ADSL Data-Only option does not provide the ability to transmit voice communications.

When the ADSL customer's TSP uses Telephone Company-provided ATM-CRS or ETS to connect its CDP to the DSL Access Service Connection Point and where suitable facilities exist, the TSP may also use ATM-CRS or ETS MultiMedia Virtual Circuit Channels (MM-VCCs) in conjunction with ADSL Access Service to supplement the high speed multimedia transmission capabilities available on the ADSL customer's Voice-Data or Data-Only line. The availability and use of ATM-CRS and ETS MM-VCCs are subject to the requirements specified in Sections 16.2.4(A)(4)(a)(ii) and 16.3.4(A)(6)(a)(i), following. (N)

ACCESS SERVICE

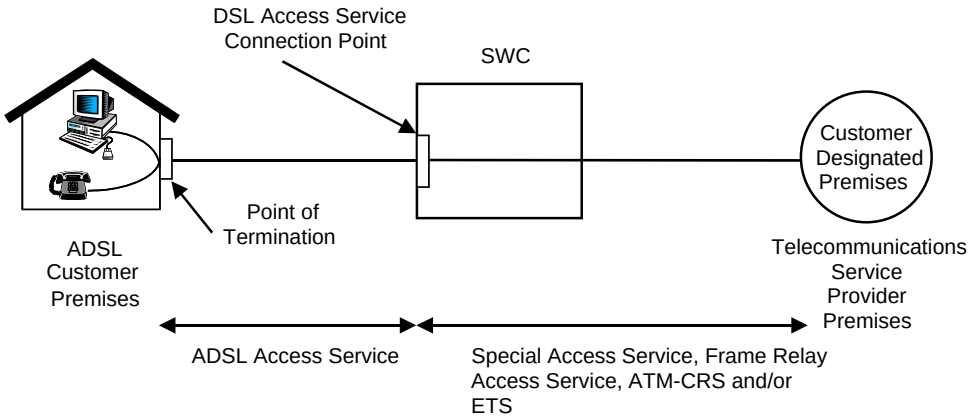
8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.1 General (Cont'd)

A generic view of how ADSL Access Service could be interconnected with a TSP's network is depicted in the figures following. In the first example, the customer's ADSL-equipped Serving Wire Center and associated DSL Access Service Connection Point are located in the same office within the Telephone Company's operating territory. The ADSL Access Service customer orders ADSL Access Service pursuant to the provisions specified in this section. The ADSL Access Service customer's TSP orders Special Access Services, Frame Relay Access Service, Asynchronous Transfer Mode Cell Relay (T)
Access Service (ATM-CRS) and/or Ethernet Transport (C)
Service (ETS) pursuant to the provisions specified in Section 7, preceding, and Sections 16.1, 16.2 and 16.3, following, to connect its customer designated (C)
premises to the DSL Access Service Connection Point.

ADSL ACCESS SERVICE



(C)
(C)

ACCESS SERVICE

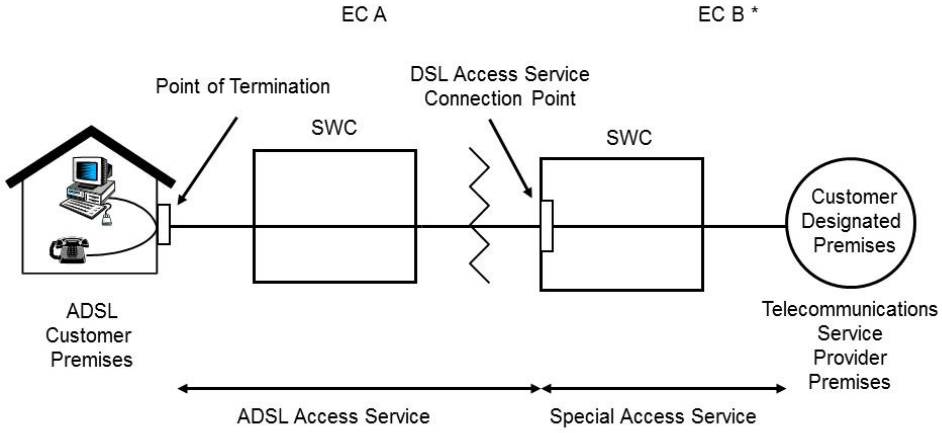
8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.1 General (Cont'd)

In the example shown below, the DSL Access Service Connection Point is located outside the Telephone Company's operating territory in another telephone company's operating territory and the customer's TSP uses special access service to connect its CDP to that DSL Access Service Connection Point. The ADSL Access Service customer orders ADSL Access Service pursuant to the provisions specified in this section. In order to connect its customer designated premises to the DSL Access Service Connection Point, the ADSL Access Service customer's TSP orders equivalent special access service from the other telephone company. (C) (C) (C)

ADSL ACCESS SERVICE



* If EC B is a non-NECA company, the application of its charges will depend on its access tariff.

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.1 General (Cont'd)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.2 Limitations

(A) Except as described in Section 8.1.1, preceding, ADSL Access Service is available as two service options. Where suitable facilities exist, the Telephone Company will offer ADSL Access Service at the following maximum upstream (i.e., from the customer's equipment up to the DSL Access Service Connection Point) and downstream (i.e., from the DSL Access Service Connection Point down to the customer's equipment) speeds: (D)

(D)

(1) 1 Mbps upstream/6 Mbps downstream in compliance with the requirements specified in Technical References (T)

ATIS-0600413.2009,
ITU-T G.983.1-January 2005,
ITU-T G.983.2-July 2005,
ITU-T G.983.3-March 2001,
ITU-T G.983.4-November 2001,
ITU-T G.984.1-March 2008,
ITU-T G.984.2-March 2003,
ITU-T G.984.3-March 2008,
ITU-T G.984.4-February 2008,
ITU-T G.992.1-June 1999,
ITU-T G.992.3-January 2005,
ITU-T G.992.4-July 2002,
ITU-T G.992.5-January 2005,
ITU-T G.993.1-June 2004,
ITU-T G.993.2-February 2006,
and/or IEEE Std. 802.3-2008, Part 3, Section 5, Clauses 56 through 67, unless otherwise specified in Section 8.1.6, following.

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.2 Limitations (Cont'd)

(2) 3 Mbps upstream/15 Mbps downstream in compliance with the requirements specified in Technical References

ITU-T G.983.1-January 2005,
ITU-T G.983.2-July 2005,
ITU-T G.983.3-March 2001,
ITU-T G.983.4-November 2001,
ITU-T G.984.1-March 2008,
ITU-T G.984.2-March 2003,
ITU-T G.984.3-March 2008,
ITU-T G.984.4-February 2008,
ITU-T G.992.5-January 2005,
ITU-T G.993.1-June 2004,
ITU-T G.993.2-February 2006,
and/or IEEE Std. 802.3-2008, Part 3, Section 5, Clauses 56 through 67.

(3) 25 Mbps upstream/50 Mbps downstream or 50 Mbps upstream/100 Mbps downstream in compliance with the requirements specified in Technical References (C)

ITU-T G.983.1-January 2005,
ITU-T G.983.2-July 2005,
ITU-T G.983.3-March 2001,
ITU-T G.983.4-November 2001,
ITU-T G.984.1-March 2008,
ITU-T G.984.2-March 2003,
ITU-T G.984.3-March 2008,
ITU-T G.984.4-February 2008,
ITU-T.G 993.1–June 2004,
ITU-T G.993.2-February 2006,
and/or IEEE Std. 802.3-2008, Part 3, Section 5, clauses 56 through 67.

These peak speeds are not guaranteed by the Telephone Company due to factors that may affect the actual speeds delivered, including the ADSL Access Service customer's distance from the Telephone Company Serving Wire Center, condition of the existing exchange service facilities, and any capacity limitations in the TSP's network design.

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.2 Limitations (Cont'd)

(B) The Telephone Company does not provide customer premises equipment (CPE) in conjunction with the ADSL Access Service offering.

(C) ADSL Access Service may not be used in conjunction with multi-point Special Access Service configurations as described in Section 7.1.3, preceding.

(D) ADSL Access Service will be furnished where suitable facilities exist as determined by the Telephone Company. The Telephone Company will identify its ADSL-equipped Serving Wire Centers and DSL Access Service Connection Point Serving Wire Centers in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. No. 4. The Telephone Companies listed in Section 17.6, following, will offer ADSL Access Service under the provisions specified in Section 8.1. (C) (C)

(E) ADSL Access Service will be provided over existing Telephone Company local exchange service facilities. When the customer orders the ADSL Voice-Data option, the rates and regulations for ADSL Access Service are in addition to any rates and regulations that apply for the associated local exchange service line provided under the terms and conditions in the Telephone Company's general and/or local exchange service tariffs. The Telephone Company will automatically disconnect the ADSL Access Service Voice-Data option when the associated local exchange service line is disconnected for any reason.

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.2 Limitations (Cont'd)

(F) Rates and regulations for Special Access Services, Frame Relay Access Service, Asynchronous Transfer Mode Cell Relay Access Service and Ethernet Transport Service provided under this tariff will apply for the access service(s) provided between the TSP's customer designated premises and the DSL Access Service Connection Point, as described in Section 7, preceding, and Sections 16.1, 16.2 and 16.3,following.

8.1.3 Undertaking of the Telephone Company

Where technically feasible, the Telephone Company will offer ADSL Access Service as described in Section 8.1.2, preceding. The Telephone Company will provide ADSL Access Service at rates and charges as set forth in Sections 17.4.9(A) and/or 17.4.9(H), as follows:

(A) The Telephone Company will determine if the associated local exchange service line or facilities are suitable for use with the ADSL Access Service option ordered by the customer. Service will not be provided on lines that the Telephone Company determines are not suitable for ADSL Access Service or on lines that produce interference with other services provided by the Telephone Company.

(B) The Telephone Company, after determining if the facilities are suitable for ADSL Access Service, will notify the customer if any additional CPE is necessary to support ADSL Access Service.

(C) The Telephone Company will provision and maintain ADSL Access Service from the DSL Access Service Connection Point to the Point of Termination at the ADSL Access Service customer's premises. (C)

(D)
|
(D)

The Telephone Company specific rate band assignment for line charges associated with ADSL Voice-Data and ADSL Data-Only Access Service are specified in the A/SDSL Voice-Data and A/SDSL Data-Only Rate Band columns in Section 17.6(A), following. (C) | (C)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.4 Obligations of the Customer

In addition to the regulations described in other sections of this tariff, the following provisions apply to ADSL Access Service:

(A) The customer is responsible for providing the Telephone Company with the necessary information to provision ADSL Access Service (e.g., customer name, telephone number and premises address; billing name and address when different from the customer name and premise address; its internet Protocol (IP) address; and the contact name and telephone number of the TSP with which the customer's ADSL Access Service will interconnect).

(B) The customer is responsible for providing and maintaining all required CPE, which is compatible

with ADSL Access Service and complies with the applicable Technical References specified in Section 8.1.2(A), preceding.

(D)
|
(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd))

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.5 Rate Regulations

This section contains the regulations governing the rates and charges that apply for ADSL Access Service. Regulations governing the rates and charges for the Special Access Services, Frame Relay Access Service, (T)
Asynchronous Transfer Mode Cell Relay Access (T)
Service and Ethernet Transport Service provided under (C)
this tariff used in conjunction with ADSL Access Service are as specified in Section 7, preceding, and Sections 16.1, 16.2 and 16.3, following. (C)

(A) Minimum Period

The minimum period for which ADSL Access Service is provided to a customer and for which charges are applicable is one month.

(B) Moves

A move involves a change in the physical location of one of the following:

- The Point of Termination at the ADSL Access Service customer designated premises
- The ADSL Access Service customer designated premises

The provisions for moves of ADSL Access Service are the same as those described in Section 7.2.3, preceding, except that an Access Order Charge will not apply to move orders for the ADSL Access Service Voice-Data option.

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.5 Rate Regulations (Cont'd)

(C) Temporary Suspension of Service (T)

When an end user temporarily suspends the local exchange service that is associated with an ADSL Voice-Data option, the ADSL Voice-Data option will also be placed on temporary suspension for the same period of time, and the Telephone Company will bill the customer a temporary suspension fee, per line, per occasion, as described in Section 17.4.9 (C), following. The Telephone Company will not bill the customer the monthly ADSL Voice-Data Line Charge while the ADSL Voice-Data option is placed on temporary suspension.

(D) Reserved For Future Use (T)

(D)
|
(D)

(D)
|
(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.5 Rate Regulations (Cont'd)

(D) Reserved For Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.5 Rate Regulations (Cont'd)

(D) Reserved For Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.5 Rate Regulations (Cont'd)

(D) Reserved For Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.5 Rate Regulations (Cont'd)

(D) Reserved For Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.5 Rate Regulations (Cont'd)

(E) Rate Categories

There are two types of rates and charges applicable to ADSL Access Service. These are monthly rates and nonrecurring charges.

The monthly rate for the ADSL Line Charge applies each month or fraction thereof for each ADSL Voice-Data option and ADSL Data-Only option ordered by the customer. (D)

(D)

A nonrecurring charge applies for each ADSL Voice-Data and ADSL Data-Only option ordered by the customer for the installation of ADSL Access Service. The nonrecurring installation charge will be waived for each new ADSL Voice-Data option and ADSL Data-Only option Access Line ordered when the customer commits to retain the ADSL Access Line for a minimum period of 6 months following installation of service. If the ADSL Access Line is disconnected for any reason prior to the end of the 6-month minimum commitment period other than for:

- an ADSL service conversion as described below,
- a discontinuance of service within the first 30 days of service as described below, or
- a discontinuance of service due to a fire, flood or other occurrence as described below;

The Telephone Company will bill the customer an early termination fee, as described in Section 17.4.9(D), following, for each ADSL Voice-Data and Data-Only option disconnected by the customer, prior to satisfying the 6-month minimum commitment period. (D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.5 Rate Regulations (Cont'd)

(E) Rate Categories (Cont'd)

(D)
(D)

Except as otherwise specified in Section 8.1.5(E), below, changes to an existing ADSL Access Service will be treated as a discontinuance of the existing service and an installation of a new service. Such changes include an ADSL service conversion or a change of TSP. A nonrecurring installation charge will apply per ADSL Access Service line for this work activity.

ADSL service conversions include change of a service option (i.e., replacing ADSL Voice-Data with ADSL Data-Only, or vice versa), any change of a speed level (e.g., replacing ADSL Voice-Data 1 Mbps with ADSL Voice-Data 3 Mbps), or any combination of a simultaneous change of ADSL service option and speed level (e.g., replacing ADSL Voice-Data 1 Mbps with ADSL Data-Only 3 Mbps). (C) ADSL service conversions also include (N) replacing an ADSL Voice-Data or ADSL Data-Only service option with an available SDSL Voice-Data or SDSL Data-Only service option, provided the speed of the new SDSL service option is equal to or greater than the downstream speed level on the existing ADSL service option. (N) When a customer orders an ADSL service conversion but has not met its 6-month minimum commitment on the existing ADSL service, the Telephone Company will not bill the early termination fee for the original ADSL service, if the customer commits to a new minimum 6-month period on the newly converted ADSL or SDSL service. (C)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.5 Rate Regulations (Cont'd)

(E) Rate Categories (Cont'd)

Any existing customer who, on August 29, 2014, had an ADSL Data-Only 5 Mbps/50 Mbps speed option, will be automatically converted to an ADSL Data-Only 25 Mbps/50 Mbps speed option, effective August 30, 2014, by the Telephone Company without having to re-order service. This is considered a Telephone Company initiated conversion and therefore any applicable Access Order Charge or nonrecurring installation charge would not apply. In addition, for any customer who is converted from an ADSL Data-Only 5 Mbps/50 Mbps speed option to an ADSL Data-Only 25 Mbps/50 Mbps speed option by the Telephone Company under this provision, service will continue uninterrupted and the ADSL Line Charge Early Termination Fee will not apply if the customer has not yet satisfied a previously committed to 6-month minimum period on the original lower speed option. (C) (C) (C)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.5 Rate Regulations (Cont'd)

(E) Rate Categories (Cont'd)

For an ADSL customer who disconnects service within the first 30 days following installation, the Telephone Company will not bill the customer the early termination fee provided: 1) the customer had not previously had ADSL Access Service at the same location within the 30 days immediately prior to installing service and 2) the customer's ADSL Access Service is disconnected by no later than the first business day following the 30th day after service was installed. (M) (C)

When a customer disconnects its ADSL Access Service prior to the expiration of its 6-month minimum commitment as a result of a fire, flood or other occurrence, as described in Section 2.4.5, preceding, the Telephone Company will not bill the early termination fee. (C) (M) (C)

The following administrative changes will be made without charge to the customer:

- Change of customer premises address when the change of address is not a result of a physical relocation of equipment,
- Change of the associated local exchange service line over which ADSL Voice-Data Access Service is provided when there is no physical relocation of the ADSL Access Service involved,
- Change in billing data (name, address or contact name or telephone),
- Change of billing account number,
- Change of agency authorization that requires no changes to the Telephone Company's network,
- Change in the ADSL Access Service customer's existing IP address when requested by the customer's TSP,
- Change to limit the data speed delivered over the customer's existing ADSL Access Service line when requested by the customer's TSP,
- Change of customer contact name or telephone number, and
- Change of jurisdiction.

Certain material currently found on this page previously appeared on 6th Revised Page 8-6.1.3.

Certain material formerly found on this page now appears on Original Page 8-6.1.5.

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.5 Rate Regulations (Cont'd)

(E) Rate Categories (Cont'd)

The nonrecurring installation charge will not apply to restore an ADSL Access Service that was temporarily suspended by the Telephone Company for non-payment of charges.

Rates and charges for ADSL Access Service are as set forth in Section 17.4.9(A), following, or in Section 17.4.9(H), following, when the customer purchases ADSL Access Service under the DSL Access Services Wholesale Pricing Plan as described in Section 8.5, following. (D)

(D)

The Telephone Company specific rate band assignment for line charges associated with ADSL Voice-Data and ADSL Data-Only Access Service are specified in the A/SDSL Voice-Data and A/SDSL Data-Only Rate Band columns in Section 17.6(A), following.

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.6 Exceptions

(A) The Telephone Companies listed below offer ADSL Access Service at speeds of 1 Mbps upstream/6 Mbps downstream as described in Section 8.1, preceding, with the following exceptions: (C) (C)

(1) In lieu of the provision specified in Section 8.1.3(B), preceding, the Telephone Company, after determining if the facilities are suitable for ADSL Access Service, will notify the customer if the customer's CPE is compatible with the equipment deployed in the Telephone Company's Serving Wire Center and, if any additional CPE is necessary to support ADSL Access Service.

(2) In lieu of the provisions specified in Sections 8.1.2(A)(1), preceding, the customer is responsible for providing and maintaining all required CPE, which is compatible with ADSL Access Service. (C)

Company Name	State	Study Area Number
Adak Eagle Enterprises, LLC d/b/a Adak Telephone Utility	AK	610989

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.6(A)(2) Exceptions (Cont'd)

Company Name	State	Study Area Number	
Dixville Telephone Company	NH	120042	
Eastern Nebraska Tel. Co.	NE	371542	
Farmers Mutual Telephone Company	IA	351171	(D)

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ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.6(A)(2) Exceptions (Cont'd)

Company Name	State	Study Area Number	
Kalama Telephone Company	WA	522426	
Lincolnville Networks, Inc.	ME	100003	(D)
Rock County Tel. Co.	NE	371586	(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.1 Asymmetric Digital Subscriber Line Access Service (Cont'd)

8.1.6(A)(2) Exceptions (Cont'd)

Company Name	State	Study Area Number	
			(D)
			(D)
Tidewater Telecom, Inc.	ME	100003	
			(D)
West Texas Rural Tel. Coop., Inc.	TX	442166	

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service

8.2.1 General

Symmetric Digital Subscriber Line (SDSL) Access Service provides the customer the ability to transmit data to (upstream rate) and receive data from (downstream rate) a DSL Access Service Connection Point at the same speed using the Telephone Company's existing local exchange service facilities. A DSL Access Service Connection Point is an interconnection point designated by the Telephone Company in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. No. 4 at which the customer may interconnect its SDSL Access Service provided by the Telephone Company under this tariff or its wireline broadband Internet transmission service provided on a non-tariffed, common carrier basis with the tariffed, interstate access services described below. The DSL Access Service Connection Point aggregates SDSL Access Service and/or wireline broadband Internet transmission service data traffic from and to suitably equipped Telephone Company Serving Wire Centers (SWCs). The DSL Access Service Connection Point may be located within the operating territory of the Telephone Company for connections to Special Access Services, Frame Relay Access Service, Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) or Ethernet Transport Service (ETS). As specified below, the DSL Access Service Connection Point may also be located in the operating territory of another telephone company for connections to special access services, frame relay access service, or Ethernet access service, provided both telephone companies agree to such an arrangement.

When both the SDSL-equipped SWC and its associated DSL Access Service Connection Point are located within the Telephone Company's operating territory, the customer's SDSL Access Service must be connected to the customer designated premises of a single telecommunications service provider (TSP) using the Telephone Company's Special Access Services, Frame Relay Access Service, ATM-CRS, or ETS provided under this tariff. (C) (C)

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.1 General (Cont'd)

When both the SDSL-equipped SWC from which the Telephone Company provides local exchange and exchange access services and its associated DSL Access Service Connection Point are located in the operating territory of another telephone company, the customer's SDSL Access Service must be connected to the customer designated premises of a single TSP using either equivalent special access service, frame relay access service, asynchronous transfer mode or Ethernet access service provided by the other telephone company. (C)

When the SDSL-equipped SWC is located within the Telephone Company's operating territory and its associated DSL Access Service Connection Point is located in the operating territory of another telephone company, the customer's SDSL Access Service must be connected to the customer designated premises of a single TSP using either equivalent special access service, frame relay access service, asynchronous transfer mode or Ethernet access service provided by the other telephone company. (C)

When the SDSL-equipped SWC from which the Telephone Company provides local exchange and exchange access services is located in the operating territory of another telephone company and the DSL Access Service Connection Point is located within the Telephone Company's operating territory, the customer's SDSL Access Service must be connected to the customer designated premises of a single TSP using the Telephone Company's Special Access Services, Frame Relay Access Service, ATM-CRS or ETS provided under this tariff. (C)

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.1 General (Cont'd)

Where technically feasible, SDSL Access Service is available as two service options, i.e., SDSL Voice-Data and SDSL Data-Only.

(A) The SDSL Voice-Data option provides transmission of data signals at peak data transmission speeds of 256 kbps, 768 kbps, 10 Mbps or 100 Mbps using the Telephone Company's existing local exchange service line. This option may be used for simultaneous voice and data communications.

(B) The SDSL Data-Only option provides transmission of data signals at peak transmission speeds of 144 kbps, 256 kbps, 768 kbps, 2 Mbps, 4 Mbps, 10 Mbps or 100 Mbps using the Telephone Company's existing local exchange facilities. This option does not provide the ability to transmit voice communications.

(C) As of August 30, 2014, the SDSL Data-Only 2 Mbps and SDSL Data-Only 4 Mbps service options will no longer be available to new customers. A current customer with an SDSL Data-Only 2 Mbps or SDSL Data-Only 4 Mbps service option, in service on August 29, 2014, may retain that service option at its existing location.

When the SDSL customer's TSP uses Telephone Company-provided ETS to connect its CDP to the DSL Access Service Connection Point and where suitable facilities exist, the TSP may also use ETS MultiMedia Virtual Circuit Channels (ETS MM-VCCs) in conjunction with SDSL Access Service to supplement the high speed multimedia transmission capabilities available on the SDSL customer's Voice-Data or Data-Only line. The availability and use of ETS MM-VCCs are subject to the requirements specified in Section 16.3.4(A)(6)(a)(i), following. (N)

ACCESS SERVICE

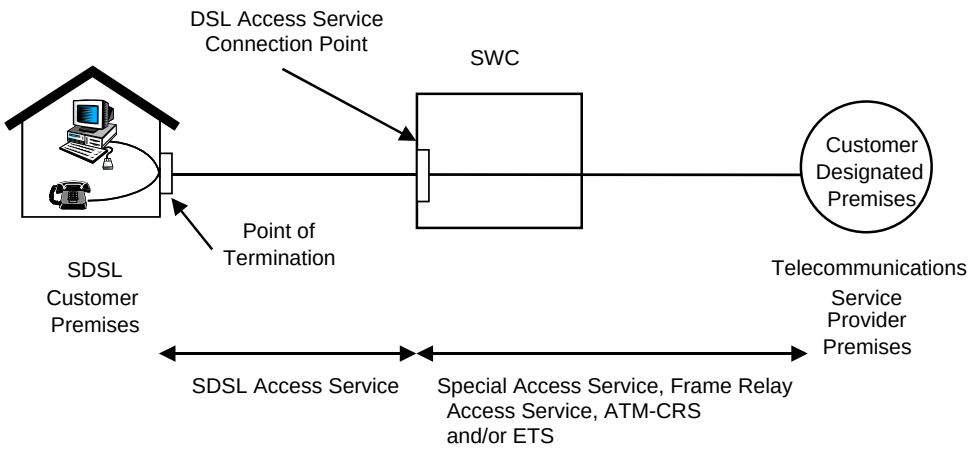
8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.1 General (Cont'd)

A generic view of how SDSL Access Service could be interconnected with a TSP's network is depicted in the figures following. In the first example, the customer's SDSL-equipped Serving Wire Center and associated DSL Access Service Connection Point are located in the same office within the Telephone Company's operating territory. The SDSL Access Service customer orders SDSL Access Service pursuant to the provisions specified in this section. The SDSL Access Service customer's TSP orders Special Access Services, Frame Relay Access Service, Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) and/or Ethernet Transport Service (ETS) pursuant to the provisions specified in Section 7, preceding, and Sections 16.1, 16.2 and 16.3, following, to connect its customer designated premises to the DSL Access Service Connection Point. (T) (C) (C)

SDSL ACCESS SERVICE



(C)
(C)

ACCESS SERVICE

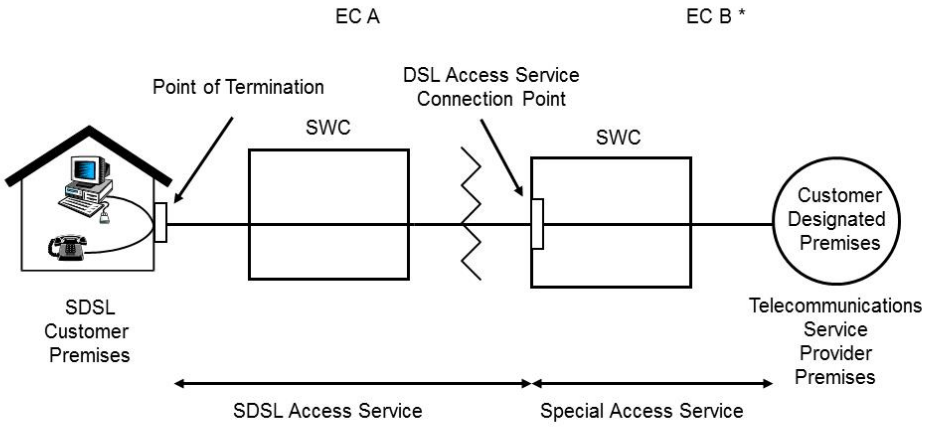
8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.1 General (Cont'd)

In the example shown below, the DSL Access Service Connection Point is located outside the Telephone Company's operating territory in another telephone company's operating territory and the customer's TSP uses special access service to connect its CDP to that DSL Access Service Connection Point. The SDSL Access Service customer orders SDSL Access Service pursuant to the provisions specified in this section. In order to connect its customer designated premises to the DSL Access Service Connection Point, the SDSL Access Service customer's TSP orders equivalent special access service from the other telephone company. (C) (C) (C)

SDSL ACCESS SERVICE



* If EC B is a non-NECA company, the application of its charges will depend on its access tariff.

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.1 General (Cont'd)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.2 Limitations

Except as described in Section 8.2.1, preceding, SDSL Access Service is available as two service options. Where suitable facilities exist, the Telephone Company will offer SDSL Access Service at speeds of 10 Mbps upstream/10 Mbps downstream and 100 Mbps upstream/100 Mbps downstream in compliance with the requirements specified in the following Technical References: (C) (N)

ITU-T G.983.1 – January 2005,
ITU-T G.983.2 – July 2005,
ITU-T G.983.3 – March 2001,
ITU-T G.983.4 – November 2001,
ITU-T G.984.1 – March 2008,
ITU-T G.984.2 – March 2003,
ITU-T G.984.3 – March 2008,
ITU-T G.984.4 – February 2008,
ITU-T G.993.1 – June 2004,
ITU-T G.993.2 – February 2006,
and/or IEEE Std. 802.3-2008, Part 3, Section 5, Clauses 56 through 67. (N)

Peak speeds are not guaranteed by the Telephone Company due to factors that may affect the actual speeds delivered, including the SDSL Access Service customer’s distance from the Telephone Company Serving Wire Center, condition of the existing local exchange service facilities, and any capacity limitations in the TSP’s network design.

The Telephone Company does not provide customer premises equipment (CPE) in conjunction with the SDSL Access Service offering.

SDSL Access Service may not be used in conjunction with multi-point Special Access Service configurations as described in Section 7.1.3, preceding.

Certain material previously found on this page now appears on Original Page 8-9.1.

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.2 Limitations (Cont'd)

SDSL Access Service will be furnished where suitable facilities exist as determined by the Telephone Company. The Telephone Company will identify its SDSL-equipped Serving Wire Centers and DSL Access Service Connection Point Serving Wire Centers in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. No. 4. The Telephone Companies listed in Section 17.6, following, will offer SDSL Access Service under the provisions specified in Section 8.2. (C) (C)

SDSL Access Service will be provided over existing Telephone Company local exchange service facilities. When the customer orders the SDSL Voice-Data option, the rates and regulations for SDSL Access Service are in addition to any rates and regulations that apply for the associated local exchange service line provided under the terms and conditions in the Telephone Company's general and/or local exchange service tariffs. The Telephone Company will automatically disconnect the SDSL Access Service Voice-Data option when the associated local exchange service line is disconnected for any reason.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.2 Limitations (Cont'd)

Rates and regulations for Special Access Services, Frame Relay Access Service, Asynchronous Transfer Mode Cell Relay Access Service and Ethernet Transport Service provided under this tariff will apply for the access service(s) provided between the TSP's customer designated premises and the DSL Access Service Connection Point, as described in Section 7, preceding, and Sections 16.1, 16.2 and 16.3, following.

8.2.3 Undertaking of the Telephone Company

The Telephone Company will provide SDSL Access Service at the rates and charges set forth in Sections 17.4.9(B) and/or 17.4.9(H), as follows:

(A) The Telephone Company will determine if the associated local exchange service line or facilities are suitable for use with the SDSL Access Service option ordered by the customer. Service will not be provided on facilities that the Telephone Company determines are not suitable for SDSL Access Service or on facilities that produce interference with other services provided by the Telephone Company.

(B) The Telephone Company, after determining if the facilities are suitable for SDSL Access Service, will notify the customer if the customer's CPE is compatible with the equipment deployed in the Telephone Company's Serving Wire Center and if any additional CPE is necessary to support SDSL Access Service.

(C) The Telephone Company will provision and maintain SDSL Access Service from the DSL Access Service Connection Point to the Point of Termination at the SDSL Access Service customer's premises. (C)

(D)
|
(D)

The Telephone Company specific rate band assignment for line charges associated with SDSL Voice-Data and SDSL Data-Only Access Service are specified in the A/SDSL Voice-Data and A/SDSL Data-Only Rate Band columns in Section 17.6(A), following. (C)
|
(C)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.4 Obligations of the Customer

In addition to the regulations described in other sections of this tariff, the following provisions apply to SDSL Access Service:

(A) The customer is responsible for providing the Telephone Company with the necessary information to provision SDSL Access Service (e.g., customer name, telephone number and premises address; billing name and address when different from the customer name and premises address; its Internet Protocol (IP) address; and the contact name and telephone number of the TSP with which the customer's SDSL Access Service will interconnect).

(B) The customer is responsible for providing and maintaining all required customer provided equipment (CPE), which is compatible with SDSL Access Service and complies with the applicable Technical References specified in Section 8.2.2, preceding.

(D)
|
|
(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.5 Rate Regulations

This section contains the regulations governing the rates and charges that apply for SDSL Access Service. Regulations governing the rates and charges for the Special Access Services, Frame Relay Access Service, Asynchronous Transfer Mode Cell Relay Access Service and Ethernet Transport Service provided under this tariff used in conjunction with SDSL Access Service are as specified in Section 7, preceding, and Sections 16.1, 16.2 and 16.3, following.

(A) Minimum Period

The minimum period for which SDSL Access Service is provided to a customer and for which charges are applicable is one month.

(B) Moves

A move involves a change in the physical location of one of the following:

- The Point of Termination at the SDSL Access Service customer designated premises
- The SDSL Access Service customer designated premises

The provisions for moves of SDSL Access Service are the same as those described in Section 7.2.3, preceding, except that an Access Order Charge will not apply to move orders for the SDSL Access Service Voice-Data option.

(C) Temporary Suspension of Service (T)

When an end user temporarily suspends the local exchange service that is associated with a SDSL Voice-Data option, the SDSL Voice-Data option will also be placed on temporary suspension for the same period of time, and the Telephone Company will bill the customer a temporary suspension fee, per line, per occasion, as described in Section 17.4.9(C), following. The Telephone Company will not bill the customer the monthly SDSL Voice-Data Line Charge while the SDSL Voice-Data option is placed on temporary suspension.

(D)
|
(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.5 Rate Regulations (Cont'd)

(D) Reserved For Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.5 Rate Regulations (Cont'd)

(D) Reserved For Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.5 Rate Regulations (Cont'd)

(D) Reserved For Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.5 Rate Regulations (Cont'd)

(D) Reserved For Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.5 Rates Regulations (Cont'd)

(D) Reserved For Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.5 Rate Regulations (Cont'd)

(D) Reserved For Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.5 Rate Regulations (Cont'd)

(E) Rate Categories

There are two types of rates and charges applicable to SDSL Access Service. These are monthly rates and nonrecurring charges.

The monthly rate for the SDSL Line Charge applies each month or fraction thereof for each SDSL Voice-Data option and SDSL Data-Only option ordered by the customer. (D)

(D)

A nonrecurring charge applies for each SDSL Voice-Data and SDSL Data-Only option ordered by the customer for the installation of SDSL Access Service.

The nonrecurring installation charge will be waived for each new SDSL Voice-Data or Data-Only 256 kbps option Access Line ordered when: 1) the customer has not previously had any ADSL or SDSL Access Service at the same location within the three months immediately prior to installing service and 2) the customer commits to retain the SDSL Voice-Data or Data-Only 256 kbps option Access Line for a minimum period of 6 months following installation of service.

The nonrecurring installation charge will be waived for each new SDSL Data-Only 144 kbps, SDSL Voice-Data or Data-Only 768 kbps, SDSL Voice-Data or Data-Only 10 Mbps, or SDSL Voice-Data or Data-Only 100 Mbps option Access Line ordered when the customer commits to retain the SDSL Access Line for a minimum period of 6 months following installation of service.

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.5 Rate Regulations (Cont'd)

(E) Rate Categories (Cont'd)

If the SDSL Voice-Data or Data-Only option Access Line is disconnected for any reason prior to the end of the 6-month minimum commitment period, other than for: (C)

- an SDSL service conversion as described below, (D)
- a discontinuance of service within the first 30 days of service as described below, or
- a discontinuance of service due to a fire, flood or other occurrence as described below;

the Telephone Company will bill the customer an early termination fee, as described in Section 17.4.9(D), following, for each SDSL Voice-Data or Data-Only option disconnected by the customer, prior to satisfying the 6-month minimum commitment period. (T) (C) (C) (D) (D)

Except as otherwise specified in Section 8.2.5(E),below, changes to an existing SDSL Access Service will be treated as a discontinuance of the existing service and an installation of a new service. Such changes include an SDSL service conversion or a change of TSP. A nonrecurring installation charge will apply per SDSL Access Service line for this work activity. (C) (C)

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.5 Rate Regulations (Cont'd)

(E) Rate Categories (Cont'd)

An SDSL service conversion occurs when the customer replaces its SDSL Voice-Data or Data-Only service option with an SDSL Voice-Data or Data-Only service option having a speed level equal to or greater than the existing speed level. When a customer orders an SDSL service conversion but has not met its 6-month minimum commitment on the existing SDSL service option, the Telephone Company will not bill an early termination fee for the original SDSL service, if the customer commits to a new minimum 6-month period for the newly converted SDSL service option. (C)(C)(C)(C)

(D)(D)

For an SDSL customer who disconnects service within the first 30 days following installation, the Telephone Company will not bill the customer the early termination fee provided: 1) the customer had not previously had SDSL Access Service at the same location within the 30 days immediately prior to installing service and 2) the customer's SDSL Access Service is disconnected by no later than the first business day following the 30th day after service was installed.

When a customer disconnects its SDSL Access Service prior to the expiration of its 6-month minimum commitment as a result of a fire, flood or other occurrence, as described in Section 2.4.5, preceding, the Telephone Company will not bill the early termination fee.

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.2 Symmetric Digital Subscriber Line Access Service (Cont'd)

8.2.5 Rate Regulations (Cont'd)

(E) Rate Categories (Cont'd)

The following administrative changes will be made without charge to the customer:

- Change of customer premises address when the change of address is not a result of physical relocation of equipment,
- Change of the associated local exchange service line over which SDSL Voice-Data Access Service is provided when there is no physical relocation of the SDSL Access Service involved,
- Change in billing data (name, address or contact name or telephone),
- Change of billing account number,
- Change of agency authorization that requires no changes to the Telephone Company's network,
- Change in the SDSL Access Service customer's existing IP address when requested by the customer's TSP,
- Change to limit the data speed delivered over the customer's existing SDSL Access Service line when requested by the customer's TSP,
- Change of customer contact name or telephone number, and
- Change of jurisdiction.

The nonrecurring installation charge will not apply to restore a SDSL Access Service that was temporarily suspended by the Telephone Company for non-payment of charges.

Rates and charges for SDSL Access Service are as set forth in Section 17.4.9(B), following, or in Section 17.4.9(H), following, when the customer purchases SDSL Access Service under the DSL Access Services Wholesale Pricing Plan as described in Section 8.5, following. (D)

(D)

The Telephone Company specific rate band assignment for line charges associated with SDSL Voice-Data and SDSL Data-Only Access Service are specified in the A/SDSL Voice-Data and A/SDSL Data-Only Rate Band columns in Section 17.6(A), following.

8. Digital Subscriber Line Access Services (Cont'd)

8.3 Reserved for Future Use (T)

(D)

(D)

8. Digital Subscriber Line Access Services (Cont'd)

8.3 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.3 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.3 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.3 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.3 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.3 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.4 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.4 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.4 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.4 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.4 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.4 Reserved for Future Use (T)

(D)

(D)

8. Digital Subscriber Line Access Services (Cont'd)

8.4 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.4 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.4 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.4 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.4 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.4 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.4 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.4 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.4 Reserved for Future Use (T)

(D)

(D)

8. Digital Subscriber Line Access Services (Cont'd)

8.5 DSL Access Services Wholesale Pricing Plan

8.5.1 General

The telecommunications services offered under the DSL Access Services Wholesale Pricing Plan (DSL WPP) are provided at wholesale rates to the customer under the conditions listed below.

(A) The customer purchases ADSL and/or SDSL Access Service as described in Sections 8.1 and 8.2, preceding, for the purpose of combining these telecommunications services with its own information service(s) to create a new retail service for sale to its end user customer(s).

(B) In addition to the obligations specified in Sections 8.1.4 and 8.2.4, preceding, the customer assumes the following obligations:

(1) The customer will deal directly with its end user customers with respect to all matters pertaining to the service provided, including marketing, sales, ordering, installation, maintenance, trouble reporting, repair, billing and collections. The customer will not direct its end users to contact the Telephone Company for any aspect of the service the customer provides.

(2) The customer will submit orders for ADSL and/or SDSL Access Service to the Telephone Company in a format and manner designated by the Telephone Company.

(3) The customer will obtain the appropriate authorization to allow the Telephone Company to provision ADSL and/or SDSL Voice-Data Access Service over the customer’s end user’s existing telephone exchange service line. (N)

8. Digital Subscriber Line Access Services (Cont'd)

8.5 DSL Access Services Wholesale Pricing Plan (Cont'd)

8.5.1 General (Cont'd)

When the customer purchases ADSL and/or SDSL Access Service under the DSL WPP, the rates and charges in Section 17.4.9(H), following, will apply in lieu of the rates and charges specified in Section 17.4.9(A), following, for ADSL Access Service and/or in Section 17.4.9(B), following, for SDSL Access Service. The DSL WPP is only available from those Telephone Companies listed in Section 17.6, following.

Services provided under the DSL WPP are available under a DSL WPP Monthly Plan at the rates and charges specified in Section 17.4.9(H)(1), following, or under a DSL WPP Term Plan described in 8.5.2, below, at the rates and charges specified in Section 17.4.9(H)(2), following. A customer with a DSL WPP Term Plan cannot also have a DSL WPP Monthly Plan as all ADSL and/or SDSL Access Service lines within the Telephone Company's study area are included in the DSL WPP Term Plan.

The Telephone Company specific rate band assignment for services purchased under the DSL Access Services Wholesale Pricing Plan is specified in the A/SDSL Rate Band column in Section 17.6(A), following. (N)

An Access Order Charge will not apply:

- To establish a new DSL WPP Monthly Plan, DSL WPP Term Plan or DSL WPP Volume Pricing Plan.
- To change an existing DSL WPP Term Plan or DSL WPP Volume Pricing Plan.
- To convert from an existing DSL WPP Monthly Plan to a DSL WPP Term Plan and vice versa.
- To terminate an existing DSL WPP Monthly Plan, DSL WPP Term Plan, or DSL WPP Volume Pricing Plan.

A monthly charge applies for each ADSL and/or SDSL Access Service line covered under the DSL WPP. A nonrecurring charge applies for the installation of each ADSL and/or SDSL Access Service line under the DSL WPP.

The Telephone Company will convert in-service ADSL and/or SDSL Access Service lines originally purchased under the provisions specified in Sections 8.1 and 8.2, preceding, to the DSL WPP, provided the customer obtains written authorization from its end users authorizing such conversions, where necessary. Per line nonrecurring charges specified in Section 17.4.9(H), following, do not apply to the conversion of in-service ADSL and/or SDSL Access Lines to a DSL WPP.

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.5 DSL Access Services Wholesale Pricing Plan (Cont'd)

8.5.2 DSL WPP Term Plan

(A) Description

The DSL WPP Term Plan provides the customer with reduced rates based on the length of the customer's term commitment for all of the customer's ADSL and/or SDSL Access Service lines provided in the Telephone Company's study area. The DSL WPP Term Plan is available for term lengths of one or three years. The Telephone Company will establish for the customer a single term plan commitment that will apply to all ADSL and/or SDSL Access Service lines in the Telephone Company's study area. (C)

When the customer subscribes to a DSL WPP Term Plan, all in-service ADSL and/or SDSL Access Service lines provided out of and subsequently installed in the Telephone Company's study area will be billed the rates and charges specified in Section 17.4.9(H)(2), following, for the length of the term commitment. In addition to the applicable ADSL and/or SDSL Line Charges, the customer will be billed a recurring monthly DSL WPP Term Plan Charge per study area as specified in Section 17.4.9(H)(2)(a), following. (C)

The Telephone Company specific rate band assignment for the Study Area DSL Access Service Wholesale Pricing Plan Term Plan charge is specified in the DSL WPP Term Plan Rate Band column in Section 17.6(A), following.

ACCESS SERVICE (N)

8. Digital Subscriber Line Access Services (Cont'd)

8.5 DSL Access Services Wholesale Pricing Plan (Cont'd)

8.5.2 DSL WPP Term Plan (Cont'd)

(A) Description (Cont'd)

If the Telephone Company decreases the rates specified in Section 17.4.9(H)(2), following, during the term of a commitment period, the decreased rates will automatically be applied for the remainder of the current commitment period.

At the end of the DSL WPP Term Plan, the customer may elect to establish a new DSL WPP Term Plan commitment, convert to the rates available under the DSL WPP Monthly Plan, or discontinue service. If the customer does not make an election by the end of the DSL WPP Term Plan, the rates for all in-service ADSL and/or SDSL Access Service lines will automatically be converted to the rates available under the DSL WPP Monthly Plan specified in Section 17.4.9(H)(1), following.

A DSL WPP Term Plan is subject to payment for early termination as described in (D), below. (N)

8. Digital Subscriber Line Access Services (Cont'd)

8.5 DSL Access Services Wholesale Pricing Plan (Cont'd)

8.5.2 DSL WPP Term Plan (Cont'd)

(B) Upgrades in DSL WPP Term Plan

A customer may terminate a DSL WPP Term Plan without the application of a termination liability charge when the customer replaces its original DSL WPP Term Plan commitment with a new DSL WPP Term Plan commitment provided the commitment period for the new DSL WPP Term Plan meets or exceeds the number of months remaining in the existing DSL WPP Term Plan commitment period.

(C) Termination without Liability

A customer may terminate a DSL WPP Term Plan commitment without the application of a termination liability charge if the Telephone Company increases the DSL WPP Term Plan rates described in Section 17.4.9(H)(2), following, during the term of the existing commitment. The customer has 90 days following such rate increase to notify the Telephone Company in writing of its intent to terminate its DSL WPP Term Plan commitment under this section; otherwise, the increased rates will apply for the remainder of the commitment period. (N)

ACCESS SERVICE

8. Digital Subscriber Line Access Services (Cont'd)

8.5 DSL Access Services Wholesale Pricing Plan (Cont'd)

8.5.2 DSL WPP Term Plan (Cont'd)

(D) Termination with Liability

If the customer elects to terminate its DSL WPP Term Plan prior to the end of the commitment period for any reason other than specified in (B) or (C), above, a termination liability charge will apply. If the DSL WPP Term Plan is terminated prior to the end of the commitment period, the Telephone Company will bill the customer a charge equal to the monthly DSL WPP Term Plan Charge as specified in Section 17.4.9(H)(2)(a), following, multiplied by the number of months remaining in the commitment period. (C)

DSL WPP Monthly Plan rates as described in Section 17.4.9(H)(1), following, will apply to all in-service ADSL and/or SDSL Access Lines following the early termination of a DSL WPP Term Plan.

8. Digital Subscriber Line Access Services (Cont'd)

8.5 DSL Access Services Wholesale Pricing Plan (Cont'd)

8.5.2 DSL WPP Term Plan (Cont'd)

(E) DSL Volume Pricing Plan

The DSL Volume Pricing Plan (DSL VPP) is an optional pricing plan that provides the DSL WPP Term Plan customer with a discount applied against the monthly ADSL and/or SDSL Line Charges for all of its in-service lines in the Telephone Company's study area. In order to subscribe to and retain the DSL VPP, the customer must have a DSL WPP Term Plan commitment with the Telephone Company. The amount of the DSL VPP discount applied is based on the level of the monthly volume commitment selected by the DSL WPP Term Plan customer. The DSL VPP discount does not apply to any rate elements other than the monthly recurring DSL WPP Term Plan Line Charges specified in Section 17.4.9(H)(2)(b), following.

The customer will select its monthly volume commitment level based on its projected number of monthly in-service ADSL and SDSL Access Service lines within the Telephone Company's study area.

In-service ADSL and SDSL Access Service lines billed under the DSL WPP Monthly Plan are not eligible for the DSL VPP discount. (N)

8. Digital Subscriber Line Access Services (Cont'd)

8.5 DSL Access Services Wholesale Pricing Plan (Cont'd)

8.5.2 DSL WPP Term Plan (Cont'd)

(E) DSL Volume Pricing Plan (Cont'd)

Available DSL VPP commitment levels and associated discounts are specified in Section 17.4.9(H)(2)(c), following.

The customer may order the DSL VPP at the same time it establishes a DSL WPP Term Plan commitment or at any time prior to the expiration of the existing DSL WPP Term Plan. The DSL VPP monthly commitment and discount applies for the balance of the DSL WPP Term Plan commitment period and ends when: (1) the DSL WPP Term Plan is terminated by the customer, (2) the DSL VPP is terminated by the customer, or (3) the DSL WPP Term Plan commitment is satisfied.

Each month on the bill date, the Telephone Company will determine if the DSL WPP Term Plan customer achieved its monthly volume commitment level of in-service ADSL and SDSL Access Service lines. In any month in which the monthly volume commitment was not met, the Telephone Company will bill the customer a DSL VPP shortfall charge of $10.00 per line for each line below its volume commitment level. The following example illustrates the application of the shortfall charge for a DSL WPP Term plan customer that selected a monthly volume commitment level of 2,500 lines. If on the bill date, the customer had achieved only a total of 2,250 in-service lines, the Telephone Company would assess a shortfall charge of $2,500.00 (250 lines x $10.00 per line). The shortfall charge would be in addition to the applicable discounted billing for the 2,250 in-service lines. (N)

8. Digital Subscriber Line Access Services (Cont'd)

8.5 DSL Access Services Wholesale Pricing Plan (Cont'd)

8.5.2 DSL WPP Term Plan (Cont'd)

(E) DSL Volume Pricing Plan (Cont'd)

Upon providing thirty (30) days written notice to the Telephone Company, a customer with an existing DSL VPP will be permitted to increase the existing volume commitment when it establishes a new higher volume commitment level. The DSL VPP discount associated with the higher level of commitment will apply on a prospective basis for the balance of the DSL WPP Term Plan commitment period.

Upon providing thirty (30) days written notice to the Telephone Company, a customer with an existing DSL VPP will be permitted to terminate its existing volume commitment on a prospective basis as described herein. When the customer elects to terminate its existing DSL VPP for any reason, it will be prohibited from establishing a new DSL VPP commitment with the Telephone Company within the ninety (90) days following such termination. During this 90-day period, the customer will not be eligible for any DSL VPP discounts. Downgrades from a higher volume commitment level to a lower volume commitment level are treated as terminations subject to the provisions in this paragraph. (N)

ACCESS SERVICE

9. Directory Assistance Service

The Telephone Company will provide Directory Assistance (DA) Service to a customer from Directory Assistance Service locations (DA locations). DA locations are either primary or subtending. Primary DA locations are those to which terminating DA calls for the NPA first complete. Primary DA locations either process the telephone number request or, if necessary, forward the call to a subtending DA location for processing. DA service rates are assessed by the primary DA location only. Subtending DA locations are compensated by contractual arrangements between Telephone Companies.

9.1 General Description

Telephone Company provided DA Service is available to customers for their use in furnishing DA services to end users. It provides for the use of Directory Access Service between the premises of the ordering customer and the DA location(s), use of DA access equipment, and use of DA operators to provide telephone numbers.

Directory Access Service will be provided between the customer designated premises and the DA location by the Telephone Company. Rates and charges for Directory Assistance Service are set forth in 17.2.4 following.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.1 General Description (Cont'd)

9.1.1 Description and Provision of Directory Assistance Service

A Telephone Company DA operator, when furnished a name and locality, will provide or attempt to provide the telephone number listed in the Telephone Company DA records associated with the name given, at the rates and charges as set forth in 17.2.5 following. The Telephone Company's contact with the customer's end user shall be limited to that effort necessary to process a customer's end user's request for a telephone number; and the Telephone Company will not transfer, forward or redial a customer's end user call to any other location for any purpose other than the provision of DA Service.

Each Directory Access Service will consist of the following:

- An Interface Group equipped with an available Premises Interface as set forth in 15.3.1 following at the customer's designated premises.

- Directory Transport between the premises of the ordering customer and the DA location.

When required by the Telephone Company, a separate Directory Access Service trunk group will be provided for DA Service for each NPA. Separate trunk groups will be required when the Telephone Company notifies the customer that the mechanized search of its data base and its mechanized operator practices require a mechanized identification of the NPA code for which the customer's end user desires DA information.

Further, when an access tandem is available and is requested, the Directory Access Service will be provided, at customer choice:

- as a separate Directory Access Service trunk group, or

- in combination with Feature Group B, C or D Switched Access Service.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.1 General Description (Cont'd)

9.1.2 Ordering Options and Conditions

(A) Ordering

Except as set forth following, Directory Assistance Service provided under a Special Order is subject to the ordering conditions as set forth in Section 5. preceding. The customer shall determine and order the busy hour minutes of capacity and interface type of Directory Access Services it needs for DA Service.

When DA Service is initially ordered, the customer shall order the service for at least six months. Thereafter, additional service may be ordered for a minimum of six months. Not later than three months prior to the end of the six month period, the customer shall notify the Telephone Company if the service is to be discontinued at the end of the six month period. If no notice is received from the customer, the Telephone Company will automatically extend the service for another six months and all appropriate charges as set forth in 17.2.5 following will apply for another six months.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.1 General Description (Cont'd)

9.1.2 Ordering Options and Conditions (Cont'd)

(B) Cancellation of a Special Order

A customer may cancel a Special Order for DA Service on any date prior to the service date. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the Special Order is to be cancelled. The verbal notice must be followed by written confirmation within 10 days.

When a customer cancels a Special Order for DA Service after the order date but prior to the start of service, the appropriate application of charges as set forth in Section 5. preceding apply for the Directory Access Service cancelled. In addition, a charge equal to any unrecoverable capital costs incurred by the Telephone Company will apply to the customer.

(C) Changes to Special Orders

When a customer requests changes to a pending order for DA Service, such changes will be undertaken if they can be accommodated by the Telephone Company. The appropriate application of charges as set forth in Section 5. preceding apply for the Directory Access Service changed. In addition, a charge equal to any other costs incurred by the Telephone Company because of the change will apply.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.1 General Description (Cont'd)

9.1.3 Rate Categories

There are two rate categories which apply to Directory Assistance Service:

- Directory Assistance Service Call
- Directory Transport Service

(A) Directory Assistance Service Call

The Directory Assistance Service Call rate category provides for the use of general DA Services such as operators and DA access equipment necessary to provide DA Service to a customer.

(B) Directory Transport Service

Directory Transport Service provides the transmission facilities and transport termination between the premises of the ordering customer and the DA location. For purposes of determining Directory Transport Mileage, distance will be measured from the wire center that normally serves the customer premises to the DA location(s).

Directory Transport is a two-way voice frequency transmission path composed of Switched Access Local Transport facilities as set forth in 6.1.3 preceding. The two-way voice frequency path transports calls in the terminating direction (from the premises of the ordering customer to the DA location). The following rate elements, which are more fully described in 6.1.3(A) preceding, are applicable.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.1 General Description (Cont'd)

9.1.3 Rate Categories (Cont'd)

(B) Directory Transport Service (Cont'd)

- Entrance Facility for the transport of the DA call from the customer's premises to the serving wire center of that premises.

- Direct Trunked Transport (i.e., Direct Trunked Facility and Direct Trunked Termination) for the transport of the DA call from the customer's serving wire center to the DA location without switching at a tandem or from the serving wire center to the tandem.

- Tandem Switched Transport (i.e., Tandem Switched Facility, Tandem Switched Termination, and Tandem Switching) for the transport of the DA call from the tandem to the DA location.

(D)
|
|
(D)

- Multiplexing DS3 to DS1 Multiplexing charges apply when a High Capacity DS3 Entrance Facility or Direct Trunked Facility is connected with High Capacity DS1 Direct Trunked Transport. The DS3 to DS1 multiplexer will convert a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.1 General Description (Cont'd)

9.1.3 Rate Categories (Cont'd)

(B) Directory Transport Service (Cont'd)

DS1 to Voice Grade Multiplexing charges apply when a High Capacity DS1 Entrance Facility or Direct Trunked Facility is connected with Voice Grade Direct Trunked Transport. A DS1 to Voice Grade Multiplexing charge does not apply when a High Capacity DS1 Direct Trunked Facility is terminated at an electronic end office and only Switched Access Service is provided over the DS1 facility (i.e., Voice Grade Special Access channels are not derived). The DS1 to voice multiplexer will convert a 1.544 Mbps channel to 24 Voice Grade channels.

Multiplexing is only available at wire centers identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

The customer will specify whether the Directory Access Service is to be routed directly to a DA location or through an access tandem switch appropriately equipped for DA measurement and served by DA trunks to the DA location when such an access tandem switch is available. The combination of Feature Group B, C or D Switched Access Service with DA Service will only be provided at such available and appropriately equipped access tandem switches.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.1 General Description (Cont'd)

9.1.3 Rate Categories (Cont'd)

(B) Directory Transport Service (Cont'd)

When Directory Transport is provided using a Direct Trunked Transport to the DA location, no address signaling is provided. When Directory Transport is provided with the use of an access tandem switch, wink start-start pulsing signaling is provided at the access tandem switch. When access tandem routing is provided, the customer shall address each call to the DA location using NPA + 555 + 1212 or when required by the Telephone Company, 555-1212. Only NPA codes handled by the DA location served by the access tandem switch will be processed.

Directory Transport is provided with one of the Local Transport Interface Groups as set forth in 15.1.1 following.

9.1.4 Special Facilities Routing

A customer may request that Directory Access Service be provided via Special Facilities Routing. The regulations, rates and charges for Special Facility Routing (Avoidance, Diversity and Cable Only) are as set forth in Section 11. following.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.1 General Description (Cont'd)

9.1.5 Design Layout Report

The Telephone Company will provide to the customer the makeup of the facilities and services provided under this section as Directory Access Service. This information will be provided in the form of a Design Layout Report similar to that set forth in 6.1.5 preceding. Design Layout Reports for Directory Access Service will be provided only when specifically requested by the customer. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever the facilities provided for the customer's use are materially changed.

9.2 Undertaking of the Telephone Company

9.2.1 Number of Telephone Number Requests

A maximum of two (2) requests for telephone numbers will be accepted per call to Directory Assistance and DA operators will not transfer, forward or redial the call to another location for any purpose other than the provision of DA Service.

9.2.2 Telephone Number Availability

A telephone number which is not listed in DA records will not be available to the customer's end user.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.2 Undertaking of the Telephone Company (Cont'd)

9.2.3 Selection of DA Locations

The Telephone Company will specify the DA location which provides the DA Service for each numbering plan area code (NPA). The DA locations are as shown in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. NO. 4.

When it becomes necessary to change a DA location, as determined by the Telephone Company, the Telephone Company will notify the involved customers six months prior to the change. For such changes, the regulations as set forth in 2.1.7 preceding apply.

9.2.4 Transmission Specifications

Each Directory Assistance Service transmission path is provided with standard transmission specifications, either Type A or B, as set forth respectively in 15.1.2(E) and (F) following. The specifications associated with the parameters are guaranteed to the DA location. The standard for a particular transmission path is dependent upon the following:

- Whether Directory Access Service is provided in combination with Feature Group B, C or D Switched Access Service, or

- When not provided in combination with Switched Access Service, whether routed direct or via an access tandem switch.

The available transmission specifications are set forth in 15.3.2 following.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.2 Undertaking of the Telephone Company (Cont'd)

9.2.5 Testing

(A) Acceptance Testing

The acceptance testing capabilities for Directory Access Service traffic routed through an access tandem are the same as those for the associated Feature Group C or D end office switching. The acceptance testing for Directory Access Service traffic routed directly, or routed in separate trunk groups through an access tandem, to the DA location, will be the same as that for Switched Access Service as set forth in 6.2.4 preceding.

(B) Routine Testing

Routine testing capabilities for Directory Access Service traffic routed through an access tandem are the same as those for the associated Feature Group C or D end office switching. Routine testing capabilities for Directory Access Service traffic routed directly, or routed in a separate trunk group through an access tandem, to the DA location, will be as set forth in 13.3.1(A)(3) following (Additional Manual Testing).

9.2.6 Determination of Number of Transmission Paths

The number of Directory Transport transmission paths provided is based on the customer's order and is determined by the Telephone Company in a manner similar to Switched Access Service transmission paths as set forth in 6.2.5 preceding.

9.2.7 Supervisory Signaling

Trunk side switching is provided at the DA Service access location. The DA Service access location will provide trunk answer and disconnect supervisory signaling.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.3 Obligations of the Customer

In addition to the obligations of the customer as set forth in Section 2. preceding, the customer has certain specific obligations concerning the use of Directory Assistance Service. These obligations are as follows:

9.3.1 Jurisdictional Reports

Directory Transport may, at the option of the customer, be provided for both interstate and intrastate communications. When the customer requests such mixed access, the interstate Directory Transport charges will be determined by the Telephone Company using the data furnished by the customer as set forth in 2.3.11 preceding.

9.3.2 Supervisory Signaling

The customer facilities at the premises of the ordering customer shall provide the necessary on-hook and off-hook supervision.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.3 Obligations of the Customer (Cont'd)

9.3.3 Ordering of Separate Trunk Groups

When requested by the Telephone Company, the customer shall order a separate trunk group for DA Service for each NPA. The conditions when the customer will be requested to order separate trunk groups for each NPA are set forth in 9.1.1 preceding.

9.3.4 Notice of Discontinuance of Service

DA Service is ordered and renewed for a minimum period of six months at a time, as set forth in 9.1.2(A) preceding. Not later than three months prior to the end of any six month period, the customer shall notify the Telephone Company if the service is to be discontinued at the end of that period.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.4 Rate Regulations

This section contains the specific regulations governing rates and charges that apply for Directory Assistance Service.

9.4.1 Nonrecurring Charges

Nonrecurring charges for DA Service are one-time charges that apply for a specific work activity (i.e., installation, change to an existing service and DA Service rearrangements).

(A) Installation of Service

Nonrecurring Local Transport Installation and Direct Trunked Transport Activation charges as set forth in 17.2.1(A) and (E) following are applied as set forth in 6.4.1(B)(1) preceding to each Directory Access Service installed.

(B) DA Service Rearrangements

All changes to existing services other than changes involving administrative activities will be treated as a discontinuance of the existing service and an installation of a new service.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.4 Rate Regulations (Cont'd)

9.4.2 Directory Assistance Service Call Charge

The Directory Assistance service call charge, as set forth in 17.2.5(A) following, applies for each call to DA Service. A call is a call which has been answered by a DA operator. The charge applies whether or not the DA operator provides the requested telephone number. The number of calls answered by DA operators will be accumulated by Telephone Company measuring equipment. A credit for the provision of an incorrect telephone number will be applied as set forth in 9.4.8 following.

9.4.3 Directory Transport Service

The premium Local Transport charges set forth in 17.2 following are also applicable to Directory Transport Service and will be assessed on the same basis as the Switched Access Local Transport rate elements set forth in 6.1.3(A) preceding:

- Entrance Facility
- Direct Trunked Transport
- Tandem Switched Transport
- Multiplexing

(D)

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.4 Rate Regulations (Cont'd)

9.4.4 Minimum Periods

The minimum period for which DA Service and the Directory Access Service is provided and for which charges apply is six months. A minimum period of six months applies for each additional period of service ordered or extended.

If DA Service is discontinued prior to the end of each six month period, the charges that apply for the remaining months are the non-recoverable costs. Such costs include the non-recoverable cost of equipment and material ordered, provided or used, plus the non-recoverable cost of installation and removal including the costs of engineering, labor supervision, transportation, rights-of-way and other associated costs less estimated net salvage.

The minimum period for which High Capacity DS3 Entrance Facilities or High Capacity DS3 Direct Trunked Transport is provided is twelve months.

9.4.5 Minimum Monthly Charge

DA service is subject to a minimum monthly charge. The minimum monthly charge is calculated as follows:

The minimum monthly charge for Directory Assistance Service calls is the charge as set forth in 17.2.5(A) following for the actual usage for the month.

For Directory Transport rate element, the minimum monthly charge the customer will be assessed will be the usage charges based on actual usage. For flat rated Directory Transport rate elements, the minimum monthly charge is the sum of the recurring charges prorated to the number of days or major fraction of days based on a 30 day month. Rates for Directory Transport are set forth in 17.2.2 following.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.4 Rate Regulations (Cont'd)

9.4.6 DA Service Rearrangements

Nonrecurring charges apply for service rearrangements. Service rearrangements and the regulations concerning the application of associated nonrecurring charges are as set forth in 6.4.1(B)(3) preceding.

9.4.7 Moves

A move involves a change in the physical location of the point of termination at the customer designated premises or of the customer designated premises. Moves will be treated as set forth in 6.4.4 preceding and all associated nonrecurring charges will apply. Minimum period requirements will be established at the new location as set forth in 6.4.4 preceding. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

9.4.8 Credit Allowance for Service Outages and Incorrect Numbers

(A) When the DA location or DA operator equipment or terminals are out of service due to a Telephone Company equipment failure a credit allowance is provided. When an incorrect number is provided and a customer DA call has been answered by a DA operator, a credit allowance is provided. The credit allowance provided is equal to the rate for a Directory Assistance Service Call as set forth in 17.2.5(A) following. The credit will be applied to the customer's charges.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.4 Rate Regulations (Cont'd)

9.4.8 Credit Allowance for Service Outages and Incorrect Numbers (Cont'd)

(B) In addition to the credit as set forth in (A) preceding, when a DA operator or DA equipment provides an incorrect number for a call and the customer reports such occurrences to the Telephone Company, a credit allowance for the Switched Access portion of the call in the originating LATA of such DA call will apply. The credit will be as set forth in (C) following. When the customer reports such a call and the number requested, the number provided and the reason the number provided is incorrect, the number of calls for which a credit will apply will be developed by the Telephone Company in cooperation with the customer.

(C) When a DA call is not completed due to the failure of Directory Access Service to DA locations, DA access equipment or DA operator activities, a credit allowance for the Switched Access Service portion in the originating LATA of such DA call will apply. When the customer reports such a call and DA number dialed, time of the call and the date of the call, the number of calls for which a credit will apply will be developed by the Telephone Company in cooperation with the customer. The credit will be as set forth in 17.2.5(C) following. Credit allowances for other service interruptions will be provided as set forth in 2.4.4 preceding.

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ACCESS SERVICE

10. Special Federal Government Access Services

10.1 General

This section covers Special Access Services that are provided to a customer for use only by agencies or branches of the Federal Government and other users authorized by the Federal Government. Services provided to state emergency operations centers are included. These services provide for command and control communications, including communications for national security, emergency preparedness and presidential requirements. They are required to assure continuity of Government in emergency and crisis situations and to provide for national security.

Services for command and control communications and for national security and emergency preparedness sometimes require short notice and short duration service provisions. These provisions are especially needed to meet presidential requirements or in response to natural, man-made, or declared emergencies. Requirements of this type cannot be forecasted and are usually needed for a relatively short period. The provision of service under these conditions may require the availability of facilities, such as portable microwave equipment, which are provided on a temporary basis by the Telephone Company or customer.

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.2 Emergency Conditions

These services will be provided on the date requested or as soon as possible thereafter when the emergency falls into one of the following categories:

- State of crisis declared by the National Command Authorities (includes commitments made to the National Communications System in the "National Plan for Emergencies and Major Disasters").

- Efforts to protect endangered U.S. personnel or property both in the U.S. and abroad. (Includes space vehicle recovery and protection efforts.)

- Communications requirements resulting from hostile action, a major disaster or a major civil disturbance.

- The Director (Cabinet level) of a Federal department, Commander of a Unified/Specified Command, or head of a military department has certified that a communications requirement is so critical to the protection of life and property or to the National Defense that it must be processed immediately.

- Political unrest in foreign countries which affect the national interest.

- Presidential service.

10.3 Facility Availability

In order to insure communications during periods of emergency, the Telephone Company will, within the limits of good management, make available the necessary facilities to restore service in the event of damage or to provide temporary emergency service.

In order to meet the requirements of agencies or branches of the Federal Government, the Telephone Company may utilize Government-owned facilities, when necessary to provide service.

10.4 Federal Government Regulations

In accordance with Federal Government Regulations, all service provided to the Federal Government will be billed in arrears. However, this provision does not apply to other customers that obtain services under the provisions of this tariff to provide their services to the Federal Government.

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.5 Service Offerings to the Federal Government

The following unique services are provided to a customer for use only by agencies or branches of the Federal Government, other authorized users and state emergency operations centers. The rates and charges for these services shall be developed on an individual case basis and shall be consistent with the rates and charges for services offered in other sections of this tariff.

10.5.1 Type and Description

(A) Voice Grade Special Access Services

(1) Voice Grade Secure Communications Type I

Approximate bandwidth of 10-50,000 Hz. Furnished for two-point secure communications on two-wire or four-wire metallic facilities between a customer designated premises and an end user's premises. Services are conditioned as follows:

T-3 Conditioning - The absolute loss (referenced to 1 milliwatt) with respect to frequency shall not exceed:

15 dB at 10 Hz
13 dB at 100 Hz
9 dB at 1,000 Hz
20 dB at 10,000 Hz
30 dB at 50,000 Hz

Additional conditioning (available in one or two directions on four-wire facilities only) to provide the following characteristics:

The absolute loss (referenced to one milliwatt) with respect to frequency shall not exceed:

0 dB at 1,000 Hz
+ 1 dB between 1,000 Hz and 40,000 Hz
$\overline{+}$ 2 dB between 10 Hz and 50,000 Hz
($\overline{+}$ means more loss)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.5 Service Offerings to the Federal Government (Cont'd)

10.5.1 Type and Description (Cont'd)

(A) Voice Grade Special Access Services (Cont'd)

(1) Voice Grade Secure Communications Type I (Cont'd)

The net loss of the conditioned service (with or without additional conditioning) shall not vary by more than four dB at 1,000 Hz from the levels specified preceding. Voice frequency signaling or supervisory tones can be transmitted.

(2) Voice Grade Secure Communications Type II

Approximate bandwidth 10-50,000 Hz. Furnished on four-wire metallic facilities for duplex operation for two-point secure communications between a customer designated premises and an end user's premises. Services are conditioned as follows:

G-1 Conditioning - The absolute loss with respect to frequency and the net loss variation shall be the same as Voice Grade Secure Communications Type I services without additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.5 Service Offerings to the Federal Government (Cont'd)

10.5.1 Type and Description (Cont'd)

(A) Voice Grade Special Access Services (Cont'd)

(3) Voice Grade Secure Communications Type III

Approximate bandwidth 10-50,000 Hz. Furnished on four-wire metallic facilities for duplex operation for two-point secure communications between a customer designated premises and an end user's premises. Services are conditioned as follows:

G-2 Conditioning - The absolute loss with respect to frequency and the net loss variation from the customer designated premises to the end user's premises shall be the same as Voice Grade Secure Communications Type I services without additional conditioning; from the end user's premises to the customer designated premises shall be the same as Voice Grade Secure Communications Type I services with additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.

(4) Voice Grade Secure Communications Type IV

Approximate bandwidth 10-50,000 Hz. Furnished on four-wire metallic facilities for duplex operation for two-point secure communication between two customer designated premises. Services are conditioned as follows:

G-3 Conditioning - The absolute loss with respect to frequency and the net loss variation shall be the same in both directions of transmission as Voice Grade Secure Communications Type I services with additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.5 Service Offerings to the Federal Government (Cont'd)

10.5.1 Type and Description (Cont'd)

(B) Wideband Digital Special Access Service

Service arrangements for secured communications to accommodate the transmission of binary digital baseband signals in a random polar format.

(1) Wideband Secure Communications Type I

For transmission at the rate of 18,750 bits per second.

(2) Wideband Secure Communications Type II

For transmission at the rate of 50,000 bits per second.

(3) Wideband Secure Communications Type III

To accommodate the transmission of restored polar two-level facsimile signals with a minimum signal element width of twenty micro-seconds at a rate of 50,000 bits per second.

To accommodate the transmission of binary digital baseband signals in a random polar format at the rate of 50,000 bits per second.

(C) Government Emergency Telecommunications Service (GETS) (N)

The Government Emergency Telecommunications Service (GETS) provides authorized federal government end users with a national security and emergency preparedness (NS/EP) switched voice and data communications service utilizing the public switched network through the activation of a special code(s) in the telephone company end offices and tandem switching offices as requested by the Federal Government or its authorized agent. Access to GETS is accomplished through the use of the 710 non-geographical numbering plan area (NPA) code utilizing the public switched network and (N)

Certain material previously found on this page now appears on Original Page 10-6.2.

ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.5 Service Offerings to the Federal Government (Cont'd)

10.5.1 Type and Description (Cont'd)

(C) Government Emergency Telecommunications Service (GETS) (Cont'd)

an interexchange carrier (IC) designated by the Federal Government or its authorized agent as a GETS-designated IC. Applicable access charges under other provisions of this tariff will apply for the underlying switched access services provided. The jurisdictional nature of GETS features is 100 percent interstate. GETS facilities may not be used for non-emergency government telecommunications, non-GETS services or by unauthorized end users.

(1) GETS Alternate Carrier Routing (ACR) Feature

ACR is an advanced intelligent network feature available in suitably equipped offices. The ACR feature provides for the routing of the GETS universal access number to a sequence of GETS ICs. ACR allows NS/EP users to utilize the public switched network to provide enhanced call completion capability on calls made during times of a national emergency or disaster. ACR provides alternate route capability on calls originated from lines served by end offices equipped with the ACR feature to the GETS universal access number.

When the presubscribed IC is a participating GETS IC, GETS ACR enables calls first to be routed for completion to the presubscribed IC of the originating line. When the presubscribed IC is not a participating GETS IC, then an office selection table determines the GETS IC. The office selection table contains three alternatives for a GETS IC and is preselected on a per end office basis using data provided by the Federal Government or its authorized agent. Monthly and non-recurring charges apply at each office as set forth in 17.4.5(C) following. (T)

ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.5 Service Offerings to the Federal Government (Cont'd)

10.5.1 Type and Description (Cont'd)

(C) Government Emergency Telecommunications Service (GETS) (Cont'd)

(2) GETS High Probability of Completion (HPC) Feature (C)

HPC is a set of enhanced features, available in suitably equipped offices, which improves the probability of the completion of GETS traffic via the public switched telephone network (PSTN) during times of a national emergency or disaster when the PSTN is congested due to heavy traffic or damage to the network. The HPC feature sets the call priority value and provides the capability to queue the GETS NS/EP access call against a busy switched access trunk group in a route list until a member of that trunk group becomes idle. As soon as a trunk group member becomes idle, it is offered to the queued GETS NS/EP access call before any other calls are processed. The HPC feature works with switched access trunk groups equipped with SS7 out of band signaling or equal access multifrequency address signaling. (C)

10.5.2 Mileage Application

Mileage, when used for rate application between the serving wire centers of two customer designated premises, shall be determined by the V and H Coordinates Method as set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., TARIFF F.C.C. NO. 4 and administered as set forth in 7.2.5 preceding.

ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.6 Rates and Charges

10.6.1 General

The rates and charges for special offerings to the Federal Government, such as those set forth in 10.5.1(A) and (B) preceding, are developed on an individual case basis and are set forth in 17.4.5 following. The rates and charges for GETS are set forth in 17.4.5 following. (N)

10.6.2 Voice Grade Special Access

The provision of T-3 and G conditioned services contemplates station and tandem switching operations, using customer provided equipment, as well as Special Access Service. Separate narrowband or voice grade services, where required by the customer provided equipment or switching operation, are furnished in accordance with the applicable sections of this tariff.

10.6.3 Move Charges

(A) When a service without a termination charge associated with that service, as set forth in 17.4.5 following, is moved to a different building, the nonrecurring charge applies; when moved to a new location in the same building, a charge of one-half of the nonrecurring charge applies.

(B) When service with a termination charge associated with that service, as set forth in 17.4.5 following, is moved and reinstalled at a new location, the customer may elect:

- to pay the unexpired portion of the termination charge for the service, if any, with the application of a nonrecurring charge and the establishment of a new termination charge for such service at the new location, or

- to continue service subject to the unexpired portion of the termination charge, if any, and pay the estimated costs of moving such service, provided that the customer requests these charges be quoted prior to ordering the service move. Charges for moving such service will be based on estimated costs attributable to the move.

ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.6 Rates and Charges (Cont'd)

10.6.3 Move Charges (Cont'd)

(B) (Cont'd)

Move charges include the estimated costs of removal, restoration of services or facilities necessitated by the move, transportation, storage, reinstallation, engineering, labor, supervision, materials, administration, and any other specific items of cost directly attributable to the move.

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ACCESS SERVICE

11. Special Facilities Routing of Access Services

11.1 Description

The services provided under this tariff are provided over such routes and facilities as the Telephone Company may elect. Special Facilities Routing is involved when, in order to comply with requirements specified by the customer, the Telephone Company provides Switched Access Service, Special Access Service or Special Federal Government Access Service in a manner which includes one or more of the following conditions:

11.1.1 Diversity

Two or more circuits must be provided over not more than two different physical routes.

11.1.2 Avoidance

A circuit(s) must be provided on a route which avoids specified geographical locations.

11.1.3 Diversity and Avoidance Combined

11.1.4 Cable-Only Facilities

Certain Voice Grade services are provided on Cable-Only Facilities to meet the particular needs of a customer.

Service is provided subject to the availability of Cable-Only facilities. In the event of service failure, restoration will be made through the use of any available facilities as selected by the Telephone Company.

Avoidance and Diversity are available on Switched Access Service as set forth in Section 6. preceding; Metallic, Telegraph Grade and Voice Grade Special Access Services as set forth respectively in 7.4, 7.5 and 7.6 preceding and Special Federal Government Access Services as set forth in 10.5 preceding. Cable-Only Facilities are available for Switched Access Service as set forth in Section 6. preceding; Voice Grade Special Access Services as set forth in 7.6 preceding and Special Federal Government Access Services as set forth in 10.5 preceding.

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ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

11.1 Description (Cont'd)

In order to avoid the compromise of special routing information, the Telephone Company will provide the required routing information for each specially routed service to only the ordering customer. If requested by the customer, this information will be provided when service is installed and prior to any subsequent changes in routing.

The rates and charges for Special Facilities Routing of Access Services are developed on an individual case basis. Such rates and charges for Special Facilities Routing of Access Services are as set forth in 17.4.6 following and are in addition to all other rates and charges that may be applicable for services provided under other sections of this tariff.

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ACCESS SERVICE

12. Specialized Service or Arrangements

12.1 General

Specialized Service or Arrangements may be provided by the Telephone Company, at the request of a customer, on an Individual Case Basis if such service or arrangements meet the following criteria:

- The requested service or arrangements are not offered under other sections of this tariff.

- The facilities utilized to provide the requested service or arrangements are of a type normally used by the Telephone Company in furnishing its other services.

- The requested service or arrangements are provided within a LATA.

- The requested service or arrangements are compatible with other Telephone Company services, facilities, and its engineering and maintenance practices.

- This offering is subject to the availability of the necessary Telephone Company personnel and capital resources.

Rates and charges and additional regulations if applicable, for Specialized Service or Arrangements are provided on an Individual Case Basis and are as set forth in 17.4.7 following.

(D)

(D)

ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

(D)

(D)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services

13.1 addresses Additional Engineering. 13.2 addresses Additional Labor (which is comprised of Overtime Installation, Overtime Repair, Standby, Testing and Maintenance with Other Telephone Companies, and Other Labor). 13.3 addresses Miscellaneous Services (which are comprised of Testing Services, Maintenance of Service and Telecommunications Service Restoration Priority). 13.4 addresses Presubscription.

In this section, normally scheduled working hours are an employee's scheduled work period in any given calendar day (e.g., 8:00 a.m. to 5:00 p.m.) for the application of rates based on working hours.

A Miscellaneous Service Order charge as described in 5.4.2 preceding may be applicable to services ordered from this section.

13.1 Additional Engineering

Additional Engineering, including engineering reviews as set forth in 5.4.3 preceding, will be undertaken only after the Telephone Company has notified the customer that additional engineering charges apply as set forth in 17.4.2 following, and the customer agrees to such charges.

Additional Engineering will be provided by the Telephone Company at the request of the customer only when:

(A) A customer requests additional technical information after the Telephone Company has already provided the technical information normally included on the Design Layout Report (DLR) as set forth in 6.1.5 and 7.1.6 preceding.

(B) Additional Engineering time is incurred by the Telephone Company to engineer a customer's request for a customized service as set forth in 7.1.2 preceding.

(C) A customer requested Design Change requires the expenditure of Additional Engineering time. Such Additional Engineering time is incurred by the Telephone Company for the engineering review as set forth in 5.4.3 preceding. The charge for additional engineering time relating to the engineering review, which is undertaken to determine if a design change is indeed required, will apply whether or not the customer authorizes the Telephone Company to proceed with the Design Change. In this case the Design Change charge, as set forth in 17.4.1(B) following, does not apply unless the customer authorizes the Telephone Company to proceed with the Design Change.

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.2 Additional Labor

Additional Labor is that labor requested by the customer on a given service and agreed to by the Telephone Company as set forth in 13.2.1 through 13.2.5 following. The Telephone Company will notify the customer that Additional Labor charges as set forth in 17.4.3 following will apply before any additional labor is undertaken. A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours. When provisioning or restoring Telecommunications Service Priority services, the Telephone Company will, when possible, notify the customer of the applicability of these Additional Labor charges.

13.2.1 Overtime Installation

Overtime installation is that Telephone Company installation effort outside of normally scheduled working hours.

13.2.2 Overtime Repair

Overtime repair is that Telephone Company effort performed outside of normally scheduled working hours.

13.2.3 Standby

Standby includes all time in excess of one-half (1/2) hour during which Telephone Company personnel standby to make installation acceptance tests or cooperative tests with a customer to verify facility repair on a given service.

13.2.4 Testing and Maintenance with Other Telephone Companies

Additional testing, maintenance or repair of facilities which connect other telephone companies is that which is in addition to the normal effort required to test, maintain or repair facilities provided solely by the Telephone Company.

13.2.5 Other Labor

Other labor is that additional labor not included in 13.2.1 through 13.2.4 preceding and labor incurred to accommodate a specific customer request that involves only labor which is not covered by any other section of this tariff.

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services

13.3.1 Testing Services

Testing Services offered under this section of the tariff are optional and subject to rates and charges as set forth in 17.4.4 following. A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours. Other testing services, as described in 6.2.4 and 7.1.7 preceding, are provided by the Telephone Company in association with Access Services and are furnished at no additional charge.

Testing Services are normally provided by Telephone Company personnel at Telephone Company locations; however, provisions are made in (B)(2) following for a customer to request Telephone Company personnel to perform Testing Services at the customer designated premises.

The offering of Testing Services under this section of the tariff is made subject to the availability of the necessary qualified personnel and test equipment at the various test locations mentioned in (A) and (B) following.

(A) Switched Access Service

Testing Services for Switched Access are comprised of (a) tests which are performed during the installation of a Switched Access Service, (i.e., Acceptance Tests), (b) tests which are performed after customer acceptance of such access services and which are without charge (i.e., routine testing) and (c) additional tests which are performed during or after customer acceptance of such access services and for which additional charges apply, (i.e., Additional Cooperative Acceptance Tests and in-service tests).

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.1 Testing Services (Cont'd)

(A) Switched Access Service (Cont'd)

Routine tests are those tests performed by the Telephone Company on a regular basis, as set forth in 6.2.4 preceding which are required to maintain Switched Access Service. Additional in-service tests may be done on an automatic basis (no Telephone Company or customer technicians involved), on a manual basis [Telephone Company technician(s) involved at Telephone Company office(s) and Telephone Company or customer technician(s) involved at the customer designated premises].

Testing services are ordered to the Dial Tone Office for FGA, to the access tandem or end office for FGB (wherever the FGB service is ordered) and to the end office for FGs C and D. Testing Services for Directory Assistance Service not routed through an access tandem is ordered to a Directory Assistance Location for each NPA.

(1) Additional Cooperative Acceptance Testing

Additional Cooperative Acceptance Testing of Switched Access Service involves the Telephone Company provision of a technician at its office(s) and the customer provision of a technician at its premises, with suitable test equipment to perform the required tests.

Additional Cooperative Acceptance Tests may, for example, consist of the following tests:

- o Impulse Noise
- o Phase Jitter
- o Signal to C-Notched Noise Ratio
- o Intermodulation (Nonlinear) Distortion
- o Frequency Shift (Offset)
- o Envelope Delay Distortion
- o Dial Pulse Percent Break

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.1 Testing Services (Cont'd)

(A) Switched Access Service (Cont'd)

(2) Additional Automatic Testing

Additional Automatic Testing (AAT) of Switched Access Services (Feature Groups B, C and D), is a service where the customer provides remote office test lines and 105 test lines with associated responders or their functional equivalent. The customer may order, at additional charges, gain-slope and C-notched noise testing and may order the routine tests (1004 Hz loss, C-Message Noise and Balance) on an as-needed or more than routine schedule.

The Telephone Company will provide an AAT report that lists the test results for each trunk tested. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.

The Additional Tests, (i.e., gain slope, C-notched noise, 1004 Hz loss, C-message noise and balance) may be ordered by the customer at additional charges, 60 days prior to the start of the customer prescribed schedule. The rates for Additional Automatic Tests are as set forth in 17.4.4(B) following.

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.1 Testing Services (Cont'd)

(A) Switched Access Service (Cont'd)

(3) Additional Manual Testing

Additional Manual Testing (AMT) of Switched Access Services (Feature Groups A, B, C, and D and Directory Access Service not routed through an access tandem), is a service where the Telephone Company provides a technician at its office(s) and the Telephone Company or customer provides a technician at the customer designated premises, with suitable test equipment to perform the required tests. Such additional tests will normally consist of gain-slope and C-notched noise testing. However, the Telephone Company will conduct any additional tests which the IC may request.

The Telephone Company will provide an AMT report listing the test results for each trunk tested. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on a per occurrence basis.

The Additional Manual Tests may be ordered by the customer at additional charges, 60 days prior to the start of the testing schedule as mutually agreed to by the customer and the Telephone Company.

The rates for Additional Manual Testing are as set forth in 17.4.4(C) following.

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.1 Testing Services (Cont'd)

(A) Switched Access Service (Cont'd)

(4) Obligations of the Customer

(A) The customer shall provide the Remote Office Test Line priming data to the Telephone Company, as appropriate, to support routine testing as set forth in 6.2.4(B) preceding or AAT as set forth in 13.3.1(A)(2) preceding.

(B) The customer shall make the facilities to be tested available to the Telephone Company at times mutually agreed upon.

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.1 Testing Services (Cont'd)

(B) Special Access Service

The Telephone Company will provide assistance in performing specific tests requested by the customer.

(1) Additional Cooperative Acceptance Testing

When a customer provides a technician at its premises or at an end user's premises, with suitable test equipment to perform the requested tests, the Telephone Company will provide a technician at its office for the purpose of conducting Additional Cooperative Acceptance Testing on Voice Grade Services. At the customer's request, the Telephone Company will provide a technician at the customer's premises or at the end user premises. These tests may, for example, consist of the following:

- Attenuation Distortion (i.e., frequency response)
- Intermodulation Distortion (i.e., harmonic distortion)
- Phase Jitter
- Impulse Noise
- Envelope Delay Distortion
- Echo Control
- Frequency Shift

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.1 Testing Services (Cont'd)

(B) Special Access Service (Cont'd)

(2) Additional Manual Testing

The Telephone Company will provide a technician at its premises, and the Telephone Company or customer will provide a technician at the customer's designated premises with suitable test equipment to perform the requested tests.

(3) Obligation of the Customer

When the customer subscribes to Testing Service as set forth in this section, the customer shall make the facilities to be tested available to the Telephone Company at times mutually agreed upon.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.2 Maintenance of Service

(A) When a customer reports a trouble to the Telephone Company for clearance and no trouble is found in the Telephone Company's facilities, the customer shall be responsible for payment of a Maintenance of Service charge as set forth in 17.4.4(F) following for the period of time from when Telephone Company personnel are dispatched, at the request of the customer, to the customer designated premises to when the work is completed. Failure of Telephone Company personnel to find trouble in Telephone Company facilities will result in no charge if the trouble is actually in those facilities, but not discovered at the time.

(B) The customer shall be responsible for payment of a Maintenance of Service charge when the Telephone Company dispatches personnel to the customer designated premises, and the trouble is in equipment or communications systems provided by other than the Telephone Company or in detariffed CPE provided by the Telephone Company.

In either (A) or (B) preceding, no credit allowance will be applicable for the interruption involved if the Maintenance of Service Charge applies.

13.3.3 Telecommunications Service Priority - TSP

(A) Priority installation and/or restoration of National Security Emergency Preparedness (NSEP) telecommunications services shall be provided in accordance with Part 64.401, Appendix A, of the Federal Communications Commission's (FCC's) Rules and Regulations.

In addition, TSP System service shall be provided in accordance with the guidelines set forth in "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook" (NCSH 3-1-2) dated July 9, 1990, and "Telecommunications Service Priority System for National Security Emergency Preparedness Service User Manual" (NCSM 3-1-1).

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Telecommunications Service Priority - TSP (Cont'd)

(A) (Cont'd)

The TSP System is a service, developed to meet the requirements of the Federal Government, as specified in the Service Vendor's Handbook and Service User's Manual which provides the regulatory, administrative and operational framework for the priority installation and/or restoration of NSEP telecommunications services. These include both Switched and Special Access Services. The TSP System applies only to NSEP telecommunications services, and requires and authorizes priority action by the Telephone Company providing such services.

For Switched Access Service, the TSP System's applicability is limited to those services which the Telephone Company can discreetly identify for priority provisioning and/or restoration.

(B) A Telecommunications Service Priority charge applies as set forth in 17.4.4 when a request to provide or change a Telecommunications Service Priority is received subsequent to the issuance of an Access Order to install the service.

Additionally, a Miscellaneous Service Order Charge as set forth in 17.4.1 will apply to Telecommunications Service Priority requests that are ordered subsequent to the initial installation of the associated access service.

A Telecommunications Service Priority charge does not apply when a Telecommunications Service Priority is discontinued or when ordered coincident with an Access Order to install or change service.

In addition, Additional Labor rates as set forth in 17.4.3 may be applicable when provisioning or restoring Switched or Special Access Services with Telecommunications Service Priority.

When the customer requests an audit or a reconciliation of the Telephone Company's Telecommunications Service Priority records, a Miscellaneous Service Order Charge as set forth in 17.4.1(D) and Additional Labor rates as set forth in 17.4.3 are applicable.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Miscellaneous Equipment

(A) Controller Arrangement

This arrangement enables the customer to control up to 48 transfer functions at a Telephone Company central office via a remote keyboard terminal capable of either 300 or 1200 bps operation. Included as part of the Controller Arrangement is a dial-up data station located at the Telephone Company Central Office to provide access to the Controller Arrangement. This dial-up data station consists of a 212A DATAPHONE data set and an appropriate Telephone Company provided channel.

The Controller Arrangement must be located in the same Telephone Company central office as the transfer functions which it controls.

Charges for the Controller Arrangement are set forth in 17.4.4(H) following.

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.4 Presubscription

Pursuant to the Federal Communications Commission's Memorandum Opinion and Order, CC Docket No. 83-1145, Phase I, adopted May 31, 1985, and released June 12, 1985, the Allocation Plan, outlined in the Appendix B of this Order, and subsequent orders related to presubscription obligations will be available for inspection in the Reference Information Center at the Federal Communications Commission's Washington D.C. location or may be obtained from the Commission's commercial contractor. (C) (C) (T)

(A) Presubscription is the process by which end user customers may select and designate to the Telephone Company an IC to access, without an access code, for interLATA calls. This IC is referred to as the end user's presubscribed interexchange carrier (PIC). (T)

(B) On the effective date of this tariff, all existing end users have access to interstate MTS/WATS. No later than 85 days prior to conversion to Feature Group D in a serving end office, the Telephone Company will notify end users of the availability of equal access in their particular area. The notification will include the names of all ICs wishing to participate in the presubscription process. This notification will be sent via U.S. Mail to each end user of record served by the end office to be converted.

(C) End users may select one of the following options at no charge:

- indicate a PIC or No-PIC for all of its lines, (C)
- indicate a different PIC or No-PIC for each of its lines. (C)

Only one PIC may be selected for each line or lines terminating in the same hunt group. (T)

End users may designate that they do not want to presubscribe to any IC (No-PIC). The end user must arrange this designation by directly notifying the Telephone Company's business office. This choice will require the end user to dial an access code (101XXXX) for all interLATA calls. (T)

After the end user's initial selection of a PIC or the designation that it does not want to presubscribe to any IC (No-PIC), for any change in selection after conversion to Equal Access in the serving end office, a nonrecurring charge, as set forth in Section 13.4(J), following, applies. (T) (T)

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.4 Presubscription (Cont'd)

(D) End users not responding to the initial notification will be sent a second notification for the selection of a PIC no earlier than 40 days prior to or no later than 90 days after the conversion to Equal Access in a serving end office. This second notification will indicate the default option of No-PIC will be assigned to them if they fail to respond to the second notification. (T) (C) (C)

End users assigned to a No-PIC by default may change their No-PIC one time within six months after conversion to Equal Access in the serving end office at no charge. Following the six month period after conversion to Equal Access for any change in selection, a nonrecurring charge as set forth in Section 13.4(J), following, applies. (C) (C) (T)

(E) When an end user indicates more than one IC selection on the return notification or returns an illegible return notification, the Telephone Company will contact the end user for clarification. If the end user indicates an IC selection on the return notification that does not match with information provided by an IC and both notifications indicate the same authorization date, the end user's notification takes precedence and the Telephone Company will process the end user's selection. In the event that two or more ICs provide to the Telephone Company notifications with the same authorization date and neither notification has been processed, the Telephone Company will contact the end user for clarification. A list of these end users in conflict must be sent to the affected IC by the Telephone Company.

In the event that two or more ICs have provided to the Telephone Company notifications with the same authorization date(s), and one IC notification has already been processed by the Telephone Company, those IC notifications not yet processed would be returned to the ICs.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.4 Presubscription (Cont'd)

(F) New end users who are served by end offices equipped with Feature Group D will be asked to select a PIC or designate that they do not want to presubscribe to any IC (No-PIC) at the time they place an order with the Telephone Company for Telephone Exchange Service. They may select either of the following options. There will be no charge for this initial selection. (C) (C)

- indicate a PIC or No-PIC for all of its lines, (C)
- indicate a different PIC or No-PIC for each of its lines. (C)

Only one PIC or No-PIC may be selected for each individual line, or lines terminating in the same hunt group. End users that select No-PIC must arrange this designation by directly notifying the Telephone Company's business office. This choice will require the end user to dial an access code (101XXXX) for all interLATA calls. Subsequent to the installation of Telephone Exchange Service and after the end user's initial selection of a PIC or No-PIC, for any change in selection, a nonrecurring charge, as set forth in Section 13.4(J), following, applies. (C) (T) (T) (C)

(G) If the new end user fails to make a PIC or No-PIC selection prior to the date of installation of Telephone Exchange Service, the Telephone Company will (1) default the customer's line to No-PIC, which will require the end user to dial an access code (101XXXX) for all interLATA calls or (2) block the end user from interLATA calling if unable to default customer's line to No-PIC. The end user will be notified which option will be applied if it fails to make a PIC or No-PIC selection. The end user will be allowed a six month period from installation of their service to select a PIC one time at no charge. (C) (C) (C) (C)

For any change in selection after 6 months from the installation of Telephone Exchange Service, a nonrecurring charge, as set forth in Section 13.4(J), following, applies.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.4 Presubscription (Cont'd)

(H) If an IC elects to discontinue its Feature Group D service offering prior to or within 2 years of the conversion, the IC will notify the Telephone Company of the cancellation. The IC will also notify all end users which selected them that they are canceling their service and that they should contact the Telephone Company to select a new PIC. The IC will also inform the end user that it will pay the PIC Change Charge. The canceling IC will then be billed by the Telephone Company the nonrecurring charge set forth in Section 13.4(J), following, for each end user for a period of two years from the discontinuance of Feature Group D service. (T) (T) (T)

(I) If an IC elects to change or discontinue use of a Carrier Identification Code (CIC) for any reasons other than those set forth in (H) above, the IC will identify to the Telephone Company any affected end users and advise the Telephone Company of the new CIC to be assigned to these end users. If the CIC change involves a change of carrier for any end users, the IC will notify the affected end users of the change. The Telephone Company will change the PIC of each end user identified by the IC to the new CIC and bill the IC the nonrecurring charge set forth in Section 13.4(J), following, for each end user line or trunk that is changed. (T)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.4 Presubscription (Cont'd)

(J) As specified above, a nonrecurring charge will apply for subsequent changes to the end user's selection of a PIC, including the establishment or removal of a PIC or No-PIC selection. The non-recurring charge to process a PIC change request is bifurcated into four (4) separate nonrecurring charges and applies as follows: (T) (C)

(1) A nonrecurring charge, as set forth in Section 17.4.4(I)(1), following, applies when the PIC change request is submitted to the Telephone Company through manual methods.

(2) A nonrecurring charge, as set forth in Section 17.4.4(I)(2), following, applies when the PIC change request is submitted to the Telephone Company through electronic methods.

(3) A nonrecurring charge, as set forth in Section 17.4.4(I)(3), following, applies to the PIC change when a request submitted to the Telephone Company through manual methods requests a simultaneous change to both the interLATA PIC and intraLATA PIC selections.

(4) A nonrecurring charge, as set forth in Section 17.4.4(I)(4), following, applies to the PIC change when a request submitted to the Telephone Company through electronic methods requests a simultaneous change to both the interLATA PIC and intraLATA PIC selections.

As used above, manual methods are (i) all personal interaction between an end user, or a person acting on behalf of the end user, and a Telephone Company employee and (ii) any facsimile or written submissions from an end user, or a person acting on behalf of the end user, to a Telephone Company service center. Electronic methods shall include all other methods. If a PIC change request utilizing an electronic method results in manual processing, the electronic nonrecurring charge shall apply upon completion of the request.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

(D)

(D)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.6 Unauthorized Presubscribed Interexchange Carrier (PIC) Change (T)

For purposes of this section, a subscriber is defined as:

- the party identified in the account records of the Telephone Company as responsible for payment of the telephone bill, or

- any adult person authorized by such party to change telecommunications services or to charge services to the account, or

- any person contractually or otherwise lawfully authorized to represent such party.

If an IC requests a PIC change on behalf of a subscriber and the subscriber subsequently denies requesting the change; the Telephone Company will:

- Notify both carriers involved in the unauthorized change allegation made by the subscriber. This notification must include the identity of both carriers.

- Direct the subscriber to the appropriate state regulatory agency or the Federal Communications Commission to file a complaint.

- Inform the subscriber that if he or she has not already paid charges to the unauthorized carrier, he or she is not required to pay for any charges incurred for the first 30 days after the unauthorized change.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

(D)

(D)

13.8 Blocking Service

13.8.1 International Blocking Service

The Telephone Company will provide International Blocking Service to customers who obtain local exchange service from the Telephone Company under its general or local exchange tariffs and to customers who obtain Feature Group A Switched Access service under this tariff. This service is only provided at appropriately equipped Telephone Company end offices. Those offices providing International Blocking Service are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

On each line or trunk for which International Blocking Service is ordered, the Telephone Company will block all direct dialed international calls that use the call sequence of 011+ or 101XXXX-011+. When capable, the Telephone Company will route the blocked calls to a recorded message.

An International Blocking Service charge as set forth in 17.4.4(K) following is applicable for each new or existing exchange line or trunk or Feature Group A Switched Access line to which International Blocking Service is added or removed. This charge does not apply when blocking is removed from an exchange line or trunk or Feature Group A Switched Access line at the same time that it is disconnected.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.8 Blocking Service (Cont'd)

13.8.1 International Blocking Service (Cont'd)

A Miscellaneous Service Order Charge as set forth in 17.4.1(D) will apply to orders adding or removing International Blocking Service that are placed subsequent to the initial installation of the associated exchange line(s) or trunk(s) or Feature Group A Switched Access line(s). This charge does not apply when blocking is removed from an exchange line or trunk or Feature Group A Switched Access line at the same time that it is disconnected.

13.8.2 900 Blocking Service

The Telephone Company will provide 900 Blocking Service to customers who obtain local exchange service from the Telephone Company under its general or local exchange tariffs and to customers who obtain Feature Group A Switched Access service under this tariff. This service is only provided at appropriately equipped end offices. Those offices providing 900 Blocking Service are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

On each line or trunk for which 900 Blocking Service is ordered, the Telephone Company will block all direct dialed calls placed to a 900 number. When capable, the Telephone Company will route the blocked calls to a recorded message.

A Blocking Service charge as set forth in 17.4.4(K) following is applicable when ordered by the end user customer with the following exceptions:

- Blocking access to 900 Service is offered to all subscribers at no charge from November 1, 1993 through December 31, 1993.

- Blocking access to 900 Service is offered to all subscribers at no charge at the time telephone service is established at a new number and for 60 days thereafter.

The Blocking Service charge is applied for each line, trunk or Feature Group A Switched Access service to which 900 Blocking Service is added or removed. Requests by subscribers to remove 900 Blocking Service must be in writing. This charge does not apply when blocking is removed from an exchange line or trunk or Feature Group A Switched Access line at the same time that it is disconnected.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.9 Billing Name and Address Service

13.9.1 General Description

(A) Billing Name and Address (BNA) Service is the provision by the Telephone Company to an interstate service provider who is a customer of the Telephone Company of the complete billing name, street address, city or town, state and zip code for a telephone number or calling card account number assigned by the Telephone Company. An interstate service provider is defined as an interexchange carrier, an operator service provider, an enhanced service provider or any other provider of interstate telecommunications services.

(B) BNA Service is provided only for the purposes of allowing customers to bill their end users for telephone services provided by the customer, order entry and customer service information, fraud prevention identification of end users who have moved to a new address, any purpose associated with equal access requirement, and information associated with Local Exchange Carrier (LEC) calling calls card calls, collect and third party calls.

BNA information may not be resold or used for any other purpose including, but not limited to, marketing or merchandising activities.

(C) BNA information associated with listed/published telephone numbers will be provided. Requests for BNA information associated with nonpublished and unlisted telephone numbers will be provided, unless the subscriber to a nonpublished or unlisted telephone number has affirmatively requested that its BNA not be disclosed. (T)

13.9.2 Undertaking of the Telephone Company

(A) A standard format for the receipt of BNA requests and the provision of BNA information will be established by the Telephone Company.

(B) Standard response to BNA requests will be by First Class Mail. Standard format will be on paper. Optional Magnetic Tape formatting will be offered where available.

(C) Where facilities are available, the customer may request an optional specialized output format required to meet a specific customer need.

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.9 Billing Name and Address Service (Cont'd)

13.9.2 Undertaking of the Telephone Company (Cont'd)

(D) The Telephone Company will make every effort to provide accurate and complete BNA data. The Telephone Company makes no warranties, expressed or implied, as to the accuracy or completeness of this information.

(E) The Telephone Company will not disclose BNA information to parties other than interstate service providers and their authorized billing agents as defined in 13.9.1(A) preceding. BNA disclosure is limited to those purposes as defined in 13.9.1(B) preceding.

(F) The Telephone Company reserves the right to request from an interstate service provider who has placed an order for BNA service, the source data upon which the interexchange carrier has based the order. This request is made to ensure that the BNA information is to be used only for purposes as described in 13.9.1(B) preceding. The Telephone Company will not process the order until such time as the interstate service provider supplies the requested data.

13.9.3 Obligations of the Customer

(A) The customer shall order BNA Service on a separate BNA Order. The order must identify both the customer's authorized representative and the address to which the information is to be sent.

(B) The customer shall treat all BNA information as confidential. The customer shall insure that BNA information is used only for the purposes as described in 13.9.1(B) preceding.

(C) The customer shall not publicize or represent to others that the Telephone Company jointly participates with the customer in the development of the customer's end user records it assembles through the use of BNA Service.

(D) Upon request, the customer will provide to the Telephone Company the source data upon which the customer has based an order for BNA service. The Telephone Company will not process the order until such time as the customer provides the requested data.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.9 Billing Name and Address Service (Cont'd)

13.9.4 Rate Regulations

(A) For each order for BNA information received by the Telephone Company, a BNA Order Charge applies. In addition, a charge applies for each customer specific record provided. The BNA Order Charge and the Per Record Charge are specified in 17.4.4 following.

(B) Where available, the customer may order the response formatted on Magnetic Tape. The Optional Magnetic Tape Charge is specified in 17.4.4 following and is in addition to the BNA Order Charge and the BNA Record Charge.

(C) Where available, the customer may order an output format other than a standard paper format in order to meet a customer's specific requirement. This option is subject to an hourly programming charge as specified in 17.4.4 following and is in addition to the BNA Order Charge and the BNA Record Charge.

13.10 Originating Line Screening (OLS) Service

The Telephone Company will provide OLS Service to aggregators and other customers who obtain local exchange service from the Telephone Company under its general and/or local exchange tariff. OLS service enables customers to determine whether there are billing restrictions on exchange service lines from which a call originates. OLS service delivers codes on operator assisted calls made from aggregator locations to identify calls originating from privately owned payphones, inmate locations, and hotels/motels, etc.

OLS Service is provided at no charge when ordered with the installation of new local exchange service. However, when an OLS code is added to an existing exchange service line, a charge is applied as set forth in 17.4.4(M). This charge is applied for each exchange service line to which an OLS code is assigned. The customer must specify the number of exchange service lines and each individual telephone number equipped.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.10 Originating Line Screening (OLS) Service (Cont'd)

A Miscellaneous Service Order Charge as set forth in 17.4.1(D) will apply to orders adding OLS codes that are placed subsequent to the initial installation of the associated exchange service line. This charge does not apply when OLS codes are removed from an exchange service line at the same time that the exchange service line is disconnected.

OLS codes may be delivered using Line Information Database (LIDB) or Flexible Automatic Number Identification (Flex ANI) technology. Those telephone companies delivering OLS codes using LIDB are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO.4, as are those companies delivering OLS codes using Flex ANI.

13.11 Nonchargeable Confirmation Services

13.11.1 Billed Number Screening (BNS)

At the request of the customer, the Telephone Company business office will confirm BNS codes associated with a line to which a call is to be billed.

13.11.2 Originating Line Screening (OLS)

At the request of the customer, the Telephone Company business office will confirm OLS codes associated with an exchange service line from which a call originates.

13.12 Coin Supervision Additive Service

The Telephone Company will provide Coin Supervision Additive Service to Payphone Service Providers (PSPs) who order local exchange service lines for the provision of pay telephone service and where the pay telephone equipment connected to the local exchange service lines requires central office coin supervision capability. The local exchange service lines used for the provision of pay telephone service are obtained from and subject to the terms and conditions under the Telephone Company's general and/or local tariffs.

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.12 Coin Supervision Additive Service (Cont'd)

Coin Supervision Additive Service provides the capability of central office line equipment to pass signals and/or tones from a local exchange service line to a trunk terminating at the PSP's operator service provider. These signals enable an operator service provider to recognize coin deposits and return coins to the pay telephone user. Coin Supervision Additive Service also permits a suitably equipped operator service provider to automatically ring back the originating local exchange service line upon completion of a call.

A Coin Supervision Additive Service charge as set forth in 17.4.4(N) following is assessed monthly to the PSP for each local exchange service line for which Coin Supervision Additive Service is provided.

(D)

(D)

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.14 Local Number Portability (T)

Where facilities permit, Local Number Portability (LNP) provides an end user of local exchange telecommunications service the ability to retain its existing local exchange service telephone number (TN) when changing from one telecommunications service provider to another provided the end user remains at the same location. LNP also allows an end user the ability to complete calls to numbers that have been ported from one telecommunications service provider to another. LNP capability will be activated in Telephone Company end office or tandem switches. The Telephone Company will identify its LNP capable serving wire centers in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4. The technical specifications for Local Number Portability are contained in Telcordia Technologies Technical Reference GR-2936-CORE. (C) (C) (C)

13.14.1 LNP End User Charge (T)

(A) Description (N)

The LNP End User Charge applies to local exchange service end users, resellers of the Telephone Company's local exchange service, line side access customers, and purchasers of unbundled switch ports that are served by either: (C) (C) (C)

- an LNP capable serving wire center or (C)
- a non-LNP capable serving wire center that provides local exchange service through an Extended Area Service arrangement with either: (N)
  - one of the 100 largest metropolitan statistical areas, or
  - an adjacent LNP capable local exchange carrier. (N)

The LNP End User Charge recovers the Telephone Company's costs directly related to providing LNP. (T) (C)

Certain material formerly found on this page now appears on 2nd Revised Page 13-26.1.

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd) (N)

13.14 Local Number Portability (Cont'd)

13.14.1 LNP End User Charge (Cont'd) (N)

(B) Rate Regulations (N)

The Telephone Company will bill a monthly LNP End User Charge as set forth in Section 17.4.4(P), following, with the following exceptions: (T)(M) (T) (C)

- Each PBX trunk shall be assessed the equivalent of nine monthly LNP End User Charges as specified in Section 17.4.4(P), following. (T) (T)
- Each ISDN PRI arrangement shall be assessed the equivalent of five monthly LNP End User Charges as specified in Section 17.4.4(P), following. (T) (T)
- Lifeline end user customers shall not be assessed the LNP End User Charge.

The Telephone Companies listed in Section 17.4.4(P)(1), following, will recover the LNP End User Charge for the remainder of a 60-month period already in progress beginning with the effective date of the rate and ending with the termination date of the rate as specified in Section 17.4.4(P)(1), following. (T) (C) (T)

The Telephone Companies listed in Section 17.4.4(P)(2), following, will recover the LNP End User Charge for a 60-month period beginning with the effective date of each rate as specified therein. (T) (T) (C) (C)(M)

Certain material currently found on this page previously appeared on 2nd Revised Page 13-26.

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.14 Local Number Portability (Cont'd) (T)

13.14.2 LNP Query Service (T)

(A) Description

LNP Query Service uses Advanced Intelligent Network (AIN) technology and the Common Channel Signaling (CCS) network to query an LNP database to obtain network routing instructions before completion of a call. The LNP database contains all of the TNs within an NXX and the location routing number (LRN) of the switch serving each of those TNs when at least one of the TNs within the NXX has been transferred from one telecommunications service provider to another. The LRN associates a unique NPA-NXX-XXXX routing number with each central office switch that has subscribers who have transferred their TNs. (C) (C)

Where more than one carrier is involved in completing the call, the carrier prior to the terminating carrier (i.e., the N-1 carrier) is responsible for querying an LNP database to obtain the LRN used in routing the call for a number portable NXX code. When the N-1 carrier forwards a non-queried call to a Telephone Company end office or tandem switch and the NXX code has one or more transferred TNs, the Telephone Company's end office or tandem switch will suspend call processing and formulate and launch a query to an LNP database to secure the LRN of the transferred TN. When the LRN has been returned from an LNP database to the Telephone Company end office or tandem switch originating the query, call processing is resumed and the call is either processed in the Telephone Company's network or routed to the correct telecommunications service provider's network for completion to the called party. The Telephone Company will perform the query on behalf of the N-1 carrier (i.e., the LNP query service customer) that forwarded the call. The Telephone Company will bill the N-1 wireline or wireless telecommunications carrier a charge per query as specified in Section 17.4.4 (Q), following, regardless of whether the call is completed. (C) (T)

An LNP Order Charge will apply on a per order basis for those customers that have ordered LNP Query Service as specified in Section 17.4.4 (Q), following. N-1 carriers who terminate non-queried traffic into the Telephone Company's network and have not placed an order for LNP Query Service will be assessed on a per account basis an LNP Billing Charge as specified in Section 17.4.4 (Q), following. (T) (T) (T)

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.14 Local Number Portability (Cont'd) (T)

13.14.2 LNP Query Service (Cont'd) (T)

(B) Limitations

LNP Query Service is to be used only on a call-by-call basis for routing calls to number portable NXX codes and cannot be used for purposes other than those functions described herein.

(C) Network Management

The Telephone Company will administer its network to ensure the provision of acceptable service levels to all customers of the LNP Query Service.

The Telephone Company reserves the right to block any LNP query traffic in a nondiscriminatory manner, where the processing of the LNP queries threatens to disrupt operation of its network and impair network reliability.

(D) Rate Regulations

The LNP charge per query recovers the cost to query an LNP database on behalf of the N-1 carrier. The rate associated with an LNP query will be billed monthly, per query as set forth in Section 17.4.4(Q), following, based on the recorded number of queries. The Telephone Company will develop monthly charges based on an average number of queries per month if actual query recordings are not available. For billing purposes, each month is considered to have thirty (30) days. (T)

The LNP Order Charge and LNP Billing Charge recover the cost to establish the customer's LNP query account. The LNP Order Charge will be billed per order as set forth in Section 17.4.4(Q), following, to those customers that have ordered LNP Query Service. (T)
The LNP Billing Charge will be applied per account as set forth in Section 17.4.4(Q), following, to the N-1 carrier who terminates non-queried traffic into the Telephone Company's network and has not placed an order for LNP Query Service. (T) (T)

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.15 Access Recovery Charge

The Access Recovery Charge (ARC) recovers a portion of the Telephone Company's Eligible Recovery as defined in the Federal Communications Commission's Report and Order and Further Notice of Proposed Rulemaking in CC Docket Nos. 96-45 and 01-92; GN Docket No. 09-51; WC Docket Nos. 03-109, 05-337, 07-135 and 10-90; and WT Docket No. 10-208 (76 FR 78384, 76 FR 76623).

ARC will be billed by only those Telephone Companies listed in Section 17.8, following.

13.15.1 Rate Regulations

Except as specified below, the Telephone Company will bill an ARC each month as follows:

(A) For each line or trunk assessed a Residence End User Common Line (EUCL), as specified in Section 4.6.7(A), preceding, one (1) Residential ARC charge as set forth in Section 17.8, following, will apply.
(B) For each line or trunk assessed a Single Line Business EUCL, as specified in Section 4.6.4(A), preceding, one (1) Single Line Business ARC charge as set forth in Section 17.8, following, will apply.
(C) For each line or trunk assessed a Multiline Business (MLB) EUCL, as specified in Section 4.6.4(B), preceding, one (1) Multiline Business ARC charge as set forth in Section 17.8, following, will apply.

The Telephone Company's Residential (Res ARC), Single Line Business ARC (SLB ARC)and Multiline Business ARC (MLB ARC) rates are set forth in Sections 17.8, following.

The minimum period for which an ARC is applicable to an end user is the same as that in the general and/or local exchange tariffs for the associated local exchange service line or trunk. (N)

ACCESS SERVICE (N)

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.15 Access Recovery Charge (Cont'd)

13.15.1 Rate Regulations (Cont'd)

When an end user temporarily suspends its local exchange service that is associated with an ARC, one-half of the monthly ARC charge will be temporarily suspended for the time period the associated local exchange service is suspended.

13.15.2 Exceptions

(A) Lifeline Customers

Pursuant to Part 51.917(e)(6)(v) of the FCC's rules, the Residential ARC charge as set forth in Section 17.8, following, will not apply on lines of Lifeline Customers.

(B) Integrated Services Digital Network (ISDN) Services

(1) ISDN Basic Rate Interface (BRI)

When an end user is provided local exchange service under any general and/or local exchange service tariff(s) using an Integrated Services Digital Network (ISDN) Basic Rate Interface (BRI) arrangement, one (1) Residential or one (1) Single Line Business ARC charge as set forth in Section 17.8, following, applies to each ISDN BRI arrangement.

(2) ISDN Primary Rate Interface (PRI)

When an end user is provided local exchange service under any general and/or local exchange service tariff(s) using an Integrated Services Digital Network (ISDN) Primary Rate Interface (PRI) arrangement, five (5) Multiline Business ARC charges as set forth in Section 17.8, following, apply to each ISDN PRI arrangement. (N)

ACCESS SERVICE (N)

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.15 Access Recovery Charge (Cont'd)

13.15.2 Exceptions (Cont'd)

(C) DS1 Channel Service

When an end user is provided local exchange service under any general and/or local exchange tariff(s) using a DS1 (1.544 Mbps) channel service where the customer provides the terminating channelization equipment, five (5) Multiline Business ARC charges as set forth in Section 17.8, following, apply to each DS1 channel service.

(D) Remote Call Forwarding

For each local exchange service provided as Remote Call Forwarding (RCF) residential or business service, under the general and/or local exchange service tariffs, the monthly ARC charge does not apply. (N)

ACCESS SERVICE

14. Exceptions to Access Service Offerings

The services offered under the provisions of this tariff are subject to availability as set forth in 2.1.4 preceding. In addition, the following exceptions apply:

(Paragraphs 14.1 through 14.5 following are reserved for future listings as a result of a subsequent survey. In the meantime, in planning an end-to-end service, the customer should contact the Telephone Company in each customer designated premises city to assure itself that all of the service or service components required for a given customer service are currently available.)

14.1 The following service(s) is (are) not offered in the operating territory of listed Issuing Carriers.

(Reserved for future use.)

14.2 The following offering(s) is (are) limited to existing locations. No inside moves, rearrangements or additions will be permitted.

(Reserved for future use.)

14.3 The following offering(s) is (are) limited to existing locations. Inside moves or rearrangements may be undertaken. However, no additions will be permitted.

(Reserved for future use.)

14.4 The following offering(s) is (are) limited to existing locations where additional units may be added for growth. Inside moves or rearrangements may be undertaken.

(Reserved for future use.)

14.5 The following offering(s) is (are) limited to existing locations where additional units may be added for growth. However inside moves or rearrangements will not be permitted.

(Reserved for future use.)

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ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications

15.1 contains Switched Access Service Options (which are comprised of Interface Groups, Supervisory Signaling, Entry Switch Receive Level and Local Transport Termination) and Transmission Specifications. 15.2 describes Special Access Service Network Channel (NC) codes and Network Channel Interface (NCI) codes. 15.3 contains Interface Group, Premises Interface Code and Standard Transmission Specifications applicable to Directory Access Service.

15.1 Switched Access Service

Ten Interface Groups are provided for terminating the Local Transport Entrance Facility at the customer's designated premises. Each Interface Group provides a specified premises interface (e.g., two-wire, four-wire, DS1, etc.). Where transmission facilities permit, and at the option of the customer, the Entrance Facility may be provided with optional features as set forth in 15.1.1 following.

As a result of the customer's access order and the type of Telephone Company transport facilities serving the customer designated premises, the need for signaling conversions or two-wire to four-wire conversions, or the need to terminate digital or high frequency facilities in channel bank equipment may require that Telephone Company equipment be placed at the customer designated premises. For example, if a voice frequency interface is ordered by the customer and the Telephone Company facilities serving the customer designated premises are digital, then Telephone Company channel bank equipment must be placed at the customer designated premises in order to provide the voice frequency interface ordered by the customer.

15.1.1 Local Transport Interface Groups

Interface Groups are combinations of technical parameters which describe the Telephone Company handoff at the point of termination at the customer designated premises. The technical specifications concerning the available interface groups are set forth in (A) through (D) following.

(x) Issued to reflect new corporate address.

ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.1 Local Transport Interface Groups (Cont'd)

Interface Group 1 is provided with Type C Transmission Specifications, as set forth in 15.1.2(C) following, and Interface Groups 2 through 10 are provided with Type A or B Transmission Specifications, as set forth respectively in 15.1.2(E) and (F) following, depending on the Feature Group and whether the Access Service is routed directly or through an access tandem. All Interface Groups are provided with Data Transmission Parameters.

Only certain premises interfaces are available at the customer designated premises. The premises interfaces associated with the Interface Groups may vary among Feature Groups.

(A) Interface Group 1

Interface Group 1, except as set forth in the following, provides two-wire voice frequency transmission at the point of termination at the customer designated premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Interface Group 1 is not provided in association with FGC and FGD when the first point of switching is an access tandem. In addition, Interface Group 1 is not provided in association with FGB, FGC or FGD when the first point of switching provides only four-wire terminations.

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ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.1 Local Transport Interface Groups (Cont'd)

(A) Interface Group 1 (Cont'd)

The transmission path between the point of termination at the customer designated premises and the customer's serving wire center may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

The interface is provided with loop supervisory signaling. When the interface is associated with FGA, such signaling will be loop start or ground start signaling. When the interface is associated with FGB, FGC or FGD, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

(B) Interface Group 2

Interface Group 2 provides four-wire voice frequency transmission at the point of termination at the customer designated premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The transmission path between the point of termination at the customer designated premises and the customer's serving wire center may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

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ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.1 Local Transport Interface Groups (Cont'd)

(B) Interface Group 2 (Cont'd)

The interface is provided with loop supervisory signaling. When the interface is associated with FGA, such signaling will be loop start or ground start signaling. When the interface is associated with FGB, FGC or FGD, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

(C) Interface Groups 3 through 5

Interface Groups 3 through 5 provide analog transmission at the point of termination at the customer designated premises. The various interfaces are capable of transmitting electrical signals at the frequencies illustrated following, with the capability to channelize voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Groups are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex equipment to derive the transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interfaces are provided with individual transmission path SF supervisory signaling.

Interface Group Identification No.	Transmission Frequency Bandwidth	Analog Hierarchy Level	Maximum No. of Channelized Voice Freq. Trans. Paths
3	60 - 108 kHz	Group	12
4	312 - 552 kHz	Supergroup	60
5	564 - 3084 kHz	Mastergroup	600

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ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.1 Local Transport Interface Groups (Cont'd)

(D) Interface Groups 6 through 10

Interface Groups 6 through 10 provide digital transmission at the point of termination at the customer designated premises. The various interfaces are capable of transmitting electrical signals at the nominal bit rates illustrated following, with the capability to channelize voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, a DS1 signal(s) in D3/D4 format.

The interfaces are provided with individual transmission path bit stream supervisory signaling.

Interface Group Identification No.	Nominal Bit Rate (Mbps)	Digital Hierarchy Level	Max. No. of Channelized Voice Freq. Trans. Paths
6	1.544	DS1	24
7	3.152	DS1C	48
8	6.312	DS2	96
9	44.736	DS3	672
10	274.176	DS4	4032

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ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.1 Local Transport Interface Groups (Cont'd)

(E) Local Transport Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following features in association with Local Transport. An Access Order Charge as specified in 17.4.1(A) following is applicable on a per order basis when nonchargeable optional features are added subsequent to the installation of service (with the exception of the addition of 64 Clear Channel Capability to an existing service).

When the 64 Clear Channel Capability optional feature is installed on an existing facility, the addition will be treated as a discontinuance and start of service and all associated nonrecurring charges will aplly.

- Customer Specified Entry Switch Receive Level

  Customer Specified Entry Switch Receive Level allows the customer to specify the receive transmission level at the first point of switching. The range of transmission levels which may be specified is described in Technical Reference GR-334-CORE. This feature is available with Interface Groups 2 through 10 for Feature Groups A and B.

- Customer Specification of Local Transport Termination

  Customer Specification of Local Transport Termination allows the customer to specify, for Feature Group B routed directly to an end office or access tandem, a four-wire termination of the Local Transport at the first point of switching in lieu of a Telephone Company selected two-wire termination. This option is available only when the Feature Group B arrangement is provided with Type B Transmission Specifications.

Certain material formerly found on this page now appears on Original Page 15-6.1.

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.1 Local Transport Interface Groups (Cont'd)

(E) Local Transport Optional Features (Cont'd)

- Supervisory Signaling

Supervisory Signaling allows the customer to order an optional supervisory signaling arrangement for each transmission path provided where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability.

- 64 Clear Channel Capability

64 Clear Channel Capability allows the customer to transport voice or data signals over a 64 Kbps channel with no constraints on the quantity or sequence of ones and zero bits. This option employs the Bipolar 8 Zero Suppression (B8ZS) technique to permit customers to use the full 64 Kbps bandwidth of a DS0 channel. (T)
It is only available in suitably equipped electronic end offices as identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. 64 Clear Channel Capability, as described in Technical (T)
Reference GR-334-CORE, is available with Interface Groups 6 and 9 for Feature Groups C and D with Signaling System 7 (SS7) signaling. (T)

ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.1 Local Transport Interface Groups (Cont'd)

(E) Local Transport Optional Features (Cont'd) (T)

The Interface Groups, as described in (A) through (D) preceding, represent industry standard arrangements. Where transmission parameters permit, the customer may select the following optional signaling arrangements in place of the signaling arrangements standardly associated with the Interface Groups.

- For Interface Groups 1 and 2 associated with FGB, FGC or FGD

  DX Supervisory Signaling,
  E&M Type I Supervisory Signaling,
  E&M Type II Supervisory Signaling, or
  E&M Type III Supervisory Signaling

- For Interface Group 2 associated with FGB, FGC or FGD and in addition to the preceding

  SF Supervisory Signaling, or
  Tandem Supervisory Signaling

- For Interface Groups 3 through 5

  Optional Supervisory Signaling Not Available

- For Interface Groups 6 through 10

These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company

ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.1 Local Transport Interface Groups (Cont'd)

(E) Local Transport Optional Features (Cont'd)

central offices. Generally such signaling is available only where the first point of switching provides an analog (i.e., non-digital) interface to the transport termination.

These optional Supervisory Signaling arrangements not available in combination with the SS7 optional feature as described in 6.8.2(C)(2) preceding.

Additionally, in (F) following, there is a matrix of available Premises Interface Codes as a function of Interface Group, Telephone Company Switch Supervisory Signaling and Feature Group.

Certain material formerly found on this page now appears on Original Page 15-8.1.

ACCESS SERVICE (N)

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.1 Local Transport Interface Groups (Cont'd) (N)

(F) Available Premises Interface Codes (M)

Following is a matrix showing premises interface codes which are available for each Interface Group. Their availability is a function of the Telephone Company switch supervisory signaling and Feature Group. For explanations of these codes, see the Parameter Codes and Options as set forth in 15.2.2(A) following.

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Feature Group A	B	C	D
1	LO	2LS2	X			
	LO	2LS3	X			
	GO	2GS2	X			
	GO	2GS3	X			
	LO, GO	2DX3	X			
	LO, GO	4EA3-E	X			
	LO, GO	4EA3-M	X			
	LO, GO	6EB3-E	X			
	LO, GO	6EB3-M	X			
	RV, EA, EB, EC	2DX3		X	X	X
	RV, EA, EB, EC	4EA3-E		X	X	X
	RV, EA, EB, EC	4EA3-M		X	X	X
	RV, EA, EB, EC	6EB3-E		X	X	X
	RV, EA, EB, EC	6EB3-M		X	X	X
	EA, EB, EC	6EC3			X	X
	RV	2RV3-0		X	X	X
	RV	2RV3-T		X	X	X
	SS7	2NO2			X	X
2	LO, GO	4SF2	X			
	LO, GO	4SF3	X			
	LO	4LS2	X			
	LO	4LS3	X			
	LO	6LS2	X			

(M)

Certain material currently found on this page previously appeared on 5th Revised Page 15-8.

ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.1 Local Transport Interface Groups (Cont'd)

(F) Available Premises Interface Codes (Cont'd)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Feature Group A	B	C	D
2 (Cont'd)	GO	4GS2	X			
	GO	4GS3	X			
	GO	6GS2	X			
	LO, GO	4DX2	X			
	LO, GO	4DX3	X			
	LO, GO	6EA2-E	X			
	LO, GO	6EA2-M	X			
	LO, GO	8EB2-E	X			
	LO, GO	8EB2-M	X			
	LO, GO	6EX2-B	X			
	RV, EA, EB, EC	4SF2		X	X	X
	RV, EA, EB, EC	4SF3		X		
	RV, EA, EB, EC	4DX2		X	X	X
	RV, EA, EB, EC	4DX3		X		
	RV, EA, EB, EC	6DX2			X	
	RV, EA, EB, EC	6EA2-E		X	X	X
	RV, EA, EB, EC	6EA2-M		X	X	X
	RV, EA, EB, EC	8EB2-E		X	X	X
	RV, EA, EB, EC	8EB2-M		X	X	X
	EA, EB, EC	8EC2-M			X	X
	RV	4RV2-O		X	X	X
	RV	4RV2-T		X	X	X
	RV	4RV3-O		X	X	X
	RV	4RV3-T		X	X	X
	SS7	4NO2			X	X
3	LO, GO	4AH5-B	X			
	RV, EA, EB, EC	4AH5-B		X	X	X
	SS7	4AH5-B			X	X
4	LO, GO	4AH6-C	X			
	RV, EA, EB, EC	4AH6-C		X	X	X
	SS7	4AH6-C			X	X
5	LO, GO	4AH6-D	X			
	RV, EA, EB, EC	4AH6-D		X	X	X
	SS7	4AH6-D			X	X

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.1 Local Transport Interface Groups (Cont'd)

(F) Available Premises Interface Codes (Cont'd)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Feature Group A	B	C	D
6	LO, GO	4DS9-15	X			
	LO, GO	4DS9-15L	X			
	RV, EA, EB, EC	4DS9-15		X	X	X
	RV, EA, EB, EC	4DS9-15L		X	X	X
	SS7	4DS9-15			X	X
7	LO, GO	4DS9-31	X			
	LO, GO	4DS9-31L	X			
	RV, EA, EB, EC	4DS9-31		X	X	X
	RV, EA, EB, EC	4DS9-31L		X	X	X
	SS7	4DS9-31			X	X
8	LO, GO	4DS0-63	X			
	LO, GO	4DS0-63L	X			
	RV, EA, EB, EC	4DS0-63		X	X	X
	RV, EA, EB, EC	4DS0-63L		X	X	X
	SS7	4DS0-63			X	X
9	LO, GO	4DS6-44	X			
	LO, GO	4DS6-44L	X			
	RV, EA, EB, EC	4DS6-44		X	X	X
	RV, EA, EB, EC	4DS6-44L		X	X	X
	SS7	4DS6-44			X	X
10	LO, GO	4DS6-27	X			
	LO, GO	4DS6-27L	X			
	RV, EA, EB, EC	4DS6-27		X	X	X
	RV, EA, EB, EC	4DS6-27L		X	X	X
	SS7	4DS6-27			X	X

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.2 Standard Transmission Specifications

Descriptions of the transmission specifications available with each Feature Group as a function of the Interface Group selected by the customer, are set forth in (A) through (D) following. Descriptions of each of these Standard Transmission Specifications and the two Data Transmission Parameters mentioned are set forth respectively in (E) through (G) and 15.1.3(A) and (B) following: (T)

(A) Feature Group A

FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGA to the first point of switching.

(B) Feature Group B

FGB is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGB to the first point of switching.

ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.2 Standard Transmission Specifications (Cont'd)

(C) Feature Group C

FGC is provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or Type C is provided.

- When routed to an access tandem only Type B is provided.

- Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 10, whether routed directly to an end office or to an access tandem.

Type DB Data Transmission Parameters are provided with FGC for the transmission path between the customer designated premises and the end office when directly routed to the end office, and between the customer designated premises and the access tandem and between the access tandem and the end office when routed via an access tandem.

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.2 Standard Transmission Specifications (Cont'd)

(D) Feature Group D

FGD is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed to the end office either Type B or C is provided.

- When routed to an access tandem only Type A is provided.

- Type A is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2 through 10.

Type DB Data Transmission Parameters are provided with FGD for the transmission path between the customer designated premises and the end office when directly routed to the end office. Type DA Data Transmission Parameters are provided for the transmission path between the customer designated premises and the access tandem and between the access tandem and the end office when routed via an access tandem.

(E) Type A Transmission Specifications

Type A Transmission Specifications is provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is ± 2.0 dB.

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.2 Standard Transmission Specifications (Cont'd)

(E) Type A Transmission Specifications (Cont'd)

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to the loss at 1004 Hz is -1.0 dB to +3.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

Route Miles	C-Message Noise
less than 50	32 dBrnCO
51 to 100	34 dBrnCO
101 to 200	37 dBrnCO
201 to 400	40 dBrnCO
401 to 1000	42 dBrnCO

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBmO holding tone, is less than or equal to 45 dBrnCO.

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ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.2 Standard Transmission Specifications (Cont'd)

(E) Type A Transmission Specifications (Cont'd)

(5) Echo Control

Echo Control, identified as Equal Level Echo Path Loss, and expressed as Echo Return Loss and Singing Return Loss, is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. It is equal to or greater than the following:

	Echo Return Loss	Singing Return Loss
POT to Access Tandem	21 dB	14 dB
POT to End Office		
- Direct	N/A	N/A
- Via Access Tandem	16 dB	11 dB

(6) Standard Return Loss

Standard Return Loss expressed as Echo Return Loss and Singing Return Loss on two-wire ports of a four-wire point of termination shall be equal to or greater than:

Echo Return Loss	Singing Return Loss
5 dB	2.5 dB

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.2 Standard Transmission Specifications (Cont'd)

(F) Type B Transmission Specifications

Type B Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is ± 2.5 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +4.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

	C-Message Noise*	
Route Miles	Type B1	Type B2
less than 50	32 dBrnCO	35 dBrnCO
51 to 100	33 dBrnCO	37 dBrnCO
101 to 200	35 dBrnCO	40 dBrnCO
201 to 400	37 dBrnCO	43 dBrnCO
401 to 1000	39 dBrnCO	45 dBrnCO

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBrnCO.

* For Feature Groups C and D only Type B2 will be provided. For Feature Groups A and B, Type B1 or B2 will be provided as set forth in Technical Reference GR-334-CORE.

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.2 Standard Transmission Specifications (Cont'd)

(F) Type B Transmission Specifications (Cont'd)

(5) Echo Control

Echo Control, identified as Impedance Balance for FGA and FGB and Equal Level Echo Path Loss for FGC and FGD, and expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. The ERL and SRL also differ by Feature Group, type of termination, and type of transmission path. They are greater than or equal to the following:

	Echo Return Loss	Singing Return Loss
POT to Access Tandem		
- Terminated in 4-Wire trunk	21 dB	14 dB
- Terminated in 2-Wire trunk	16 dB	11 dB
POT to End Office		
- Direct	16 dB	11 dB
- Via Access Tandem		
. For FGB access	8 dB	4 dB
. For FGC access (Effective 4-Wire transmission path at end office)	16 dB	11 dB
. For FGC access (Effective 2-Wire transmission path at end office)	13 dB	6 dB

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.2 Standard Transmission Specifications (Cont'd)

(F) Type B Transmission Specifications (Cont'd)

(6) Standard Return Loss

Standard Return Loss, expressed as Echo Return Loss and Singing Return Loss, on two-wire ports of a four-wire point of termination shall be equal to or greater than:

Echo Return Loss	Singing Return Loss
5 dB	2.5 dB

(G) Type C Transmission Specifications

Type C Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is ± 3.0 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +5.5 dB.

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.2 Standard Transmission Specifications (Cont'd)

(G) Type C Transmission Specifications (Cont'd)

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

	C-Message Noise*	
Route Miles	Type C1	Type C2
less than 50	32 dBrnCO	38 dBrnCO
51 to 100	33 dBrnCO	39 dBrnCO
101 to 200	35 dBrnCO	41 dBrnCO
201 to 400	37 dBrnCO	43 dBrnCO
401 to 1000	39 dBrnCO	45 dBrnCO

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBrnCO.

* For Feature Groups C and D only Type C2 will be provided. For Feature Groups A and B, Type C1 or C2 will be provided as set forth in Technical Reference GR-334-CORE.

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ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.2 Standard Transmission Specifications (Cont'd)

(G) Type C Transmission Specifications (Cont'd)

(5) Echo Control

Echo Control, identified as Return Loss and expressed as Echo Return Loss and Singing Return Loss is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. It is equal to or greater than the following:

	Echo Return Loss	Singing Return Loss
POT to Access Tandem	13 dB	6 dB
POT to End Office		
- Direct	13 dB	6 dB
- Via Access Tandem (for FGB only)	8 dB	4 dB

15.1.3 Data Transmission Parameters

Two types of Data Transmission Parameters, i.e., Type DA and Type DB, are provided for the Feature Group arrangements. Type DB is provided with Feature Groups A, B and C and also with Feature Group D when Feature Group D is directly routed to the end office. Type DA is only provided with Feature Group D and only when routed via an access tandem. Following are descriptions of each.

(A) Data Transmission Parameters Type DA

(1) Signal to C-Notched Noise Ratio

The Signal to C-Notched Noise Ratio is equal to or greater than 33 dB.

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.3 Data Transmission Parameters (Cont'd)

(A) Data Transmission Parameters Type DA (Cont'd)

(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

604 to 2804 Hz

less than 50 route miles	500 microseconds
equal to or greater than 50 route miles	900 microseconds

1004 to 2404 Hz

less than 50 route miles	200 microseconds
equal to or greater than 50 route miles	400 microseconds

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 65 dBrnCO threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2)	33 dB
Third Order (R3)	37 dB

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.3 Data Transmission Parameters (Cont'd)

(A) Data Transmission Parameters Type DA (Cont'd)

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 5^{o} peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

(B) Data Transmission Parameters Type DB

(1) Signal to C-Notched Noise Ratio

The Signal to C-Notched Noise Ratio is equal to or greater than 30 dB.

(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

	604 to 2804 Hz
less than 50 route miles	800 microseconds
equal to or greater than 50 route miles	1000 microseconds

	1004 to 2404 Hz
less than 50 route miles	320 microseconds
equal to or greater than 50 route miles	500 microseconds

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ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.1 Switched Access Service (Cont'd)

15.1.3 Data Transmission Parameters (Cont'd)

(B) Data Transmission Parameters Type DB (Cont'd)

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 67 dBrnCO threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2)	31 dB
Third Order (R3)	34 dB

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 7° peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

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ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service

This section explains and lists the codes that the customer must specify when ordering Special Access Service, Switched Access Entrance Facilities, and Voice Grade and High Capacity Direct Trunked Transport. These codes provide a standardized means to relate the services being ordered to Switched Access Service and Special Access Service offerings contained in Sections 6. and 7. preceding.

When ordering, the type of Special Access Service or Switched Access Entrance Facility or Direct Trunked Transport is described by two code sets, the Network Channel (NC) code and the Network Channel Interface (NCI) codes.

The Network Channel (NC) code consists of two elements. Element one is a Channel Service Code (character positions 1 and 2) that describes the channel service type in an abbreviated form. Element two is an Optional Feature Code (character positions 3 and 4) that identifies option codes available for each channel service code, such as C-conditioning or Improved Return Loss.

The Network Channel Interface (NCI) is used to identify interface specifications associated with a particular channel. This code describes the total wires, protocol, impedance, protocol options and transmission level point(s) reflecting physical and electrical characteristics between the Telephone Company and the customer.

On the following 3 pages are examples which explain the specific characters of the codes and which reference matrices and charts used in developing the codes. Included in the matrices are Service Designator (SD) codes which are used to identify variations of service within service types (e.g., TG1 = Telegraph). The SD and NC codes are displayed as components of the matrices designated as Technical Specifications packages in (A) through (G) following. Through the use of these matrices, SD codes may be converted to NC codes for service ordering purposes.

A chart is also provided in 15.2.2(A) following which contains information necessary to develop NCI codes.

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

Comprehensive lists of allowed Network Channel (NC) and Network Channel Interface (NCI) codes are contained in Telcordia Technologies Inc.'s NC/NCI Decoder. However, not all services contained in that technical publication may be offered by the Telephone Company at this time. (T) (T)

Lastly, 15.2.2(C) following provides a list of compatible Network Channel Interfaces inasmuch as the Network Channel Interfaces associated with a given service need not always be the same, but all must be compatible.

Example No. 1: If the customer wishes to order a 4-wire voice grade circuit with 600 Ohms impedance, capable of data transmission, and with improved return loss, the customer might specify the following:

NC	NCI	SECNCI
LG-R	04DB2	04DA2-S

NC Code:
- LG = Voice Grade Channel Service, VG6
- -R = Improved Return Loss

NCI Code:
- 04 = Number of physical wires at CDP
- DB = Data stream in VF frequency band at the customer designated main terminal location
- 2 = 600 Ohms impedance

SECNCI (Secondary NCI Code):
- 04 = Number of physical wires at CDP
- DA = Data stream in VG frequency at the customer designated secondary terminal location
- 2 = 600 Ohms impedance
- S = Sealing current option for 4-wire transmission

In the above example the NCI (Network Channel Interface) code is the interface requested at the customer's POT (Point of Termination) and the SECNCI (Secondary Network Channel Interface) code represents the interface at the end office serving the End User.

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

Example No. 2: If the customer wishes to order a FX circuit to a station, with 600 Ohms impedance, loop start signaling, which is 4-wire at the CDP and 2-wire at the end-user, the customer might specify:

NC	NCI	SECNCI
LC--	04LO2	02LS2

NC Code:
LC = Voice Grade Channel Service, VG2
-- = No Optional Features

NCI Code:
04 = Number of physical wires at CDP
LO = Loop start, loop signaling - open end
2 = 600 Ohms impedance

SECNCI (Secondary NCI Code):
02 = Number of physical wires at CDP
LS = Loop start signaling - closed end
2 = 600 Ohms impedance

Example No. 3: If the customer wishes to order a 1.544 Mbps Hi-cap facility with no channel options such as CO multiplexing, the customer might specify the following:

NC	NCI	SECNCI
HC--	04DS9-15	04DS9-15

NC Code:
HC = High Capacity Channel Service, DS1 (T)
-- = No Optional Features

NCI, SECNCI Code:
04 = Number of physical wires at CDP
DS = Digital hierarchy interface
9 = 100 Ohms impedance
15 = 1.544 Mbps (DS1) format

The preceding three examples use information contained in Telcordia Technologies Inc.'s NC/NCI Decoder. (T) (T)

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.1 Network Channel (NC) Codes

In order to determine the NC code appropriate for the service to be ordered, the type of Special Access Service the customer wishes must be identified. This identification is accomplished by a Service Designator (SD) code. The broad categories of Service Designator codes (e.g., VG, MT, TG, etc.) are set forth in Section 7. preceding. Variations within service type (e.g., VG1, MTC, TG2, etc.) are described in the various Technical Publications cited in (A) through (H) following.

Having determined the specific service type to be ordered and its SD code, and having used the appropriate Technical Publication, the customer should match the SD code to the NC code using the following matrices. Once the NC code has been determined, the Network Channel Interface (NCI) code may be developed using the information set forth in 15.2.2 following and the guidelines concerning specific parameters available for each service type as set forth in the specified Technical Publication.

(A) Technical Specifications Packages Metallic Service

	Package			
SD Code	MTC*	MT1	MT2	MT3
NC Code	MQ	NT	NU	NV
Parameter				
DC Resistance Between Conductors	X	X	X	
Loop Resistance				X
Shunt Capacitance	X			X
Optional Features and Functions				
Three Premises Bridging	X	X		X
Series Bridging	X		X	

The technical specifications are described in Technical Reference TR-NPL-000336.

* All parameters are available within ranges selected by the customer where technically feasible.

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.1 Network Channel (NC) Codes (Cont'd)

(B) Technical Specifications Packages Telegraph Grade Service

	Package		
SD Code	TGC*	TG1	TG2
NC Code	NQ	NW	NY
Parameter			
Telegraph Distortion	X	X	X
Optional Features and Functions			
Telegraph Bridging	X	X	X

The technical specifications are described in Technical Reference TR-NPL-000336.

* All parameters are available within ranges selected by the customer where technically feasible.

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.1 Network Channel (NC) Codes (Cont'd)

(C) Technical Specifications Packages Voice Grade Service

	Package VG-													
SD Code / NC Code	C* LQ	1 LB	2 LC	3 LD	4 LE	5 LF	6 LG	7 LH	8 LJ	9 LK	10 LN	11 LP	12 LR	W SE
Parameter														
Attenuation Distortion	X	X	X	X	X	X	X	X	X	X	X	X	X	X
C-Message Noise	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Echo Control	X	X	X	X		X		X	X			X	X	X
Envelope Delay Distortion	X						X	X	X	X	X	X	X	X
Frequency Shift	X						X	X	X	X	X	X	X	X
Impulse Noise	X					X	X	X	X	X	X	X	X	X
Intermodulation Distortion	X						X	X	X	X	X	X		X
Loss Deviation	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Phase Hits, Gain Hits, and Dropouts	X													
Phase Jitter	X						X	X	X	X	X	X		X
Signal-to-C Message Noise					X									
Signal-to-C Notch Noise	X				X	X	X	X	X	X	X	X	X	X

The technical specifications for these parameters (except for dropouts, phase hits, and gain hits) are described in Technical References GR-334-CORE and TR-NWT-000335. The technical specifications for dropouts, phase hits, and gain hits are described in Technical Reference TR-NWT-000335. (T)

* The desired parameters are selected by the customer from the list of available parameters.

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.1 Network Channel (NC) Codes (Cont'd)

(C) Technical Specifications Packages Voice Grade Service (Cont'd)

	Package VG-													
SD Code	C	1	2	3	4	5	6	7	8	9	10	11	12	W
NC Code	LQ	LB	LC	LD	LE	LF	LG	LH	LJ	LK	LN	LP	LR	SE
Optional Features and Functions														
Central Office Bridging Capability	X		X			X	X				X	X	X	
Central Office Multiplexing	X						X							
Conditioning:														
. C-Type	X					X	X	X	X	X	X			
. Improved Attenuation Distortion	X					X	X	X	X	X	X			
. Improved Envelope Delay Distortion	X					X	X	X	X	X	X			
. Sealing Current	X							X						
. Data Capability	X						X	X			X			
. Telephoto Capability	X											X		
Customer Specified Premises Receive Level	X		X	X				X	X	X				
Improved Return Loss for Effective Four-Wire Transmission	X	X	X	X	X	X	X	X	X	X	X	X	X	
for Effective Two-Wire Transmission	X		X	X				X						
Improved Two-Wire Voice Transmission														X
PPSN Interface Arrangement	X									X				
Selective Signaling Arrangement	X		X			X	X				X	X	X	
Signaling Capability	X	X	X	X				X	X	X				
Transfer Arrangement	X	X	X	X	X	X	X	X	X	X	X	X	X	

(T)

ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.1 Network Channel (NC) Codes (Cont'd)

(D) Technical Specifications Packages Program Audio Service

	Package				
SD Code	APC*	AP1	AP2	AP3	AP4
NC Code	PQ	PE	PF	PJ	PK
Parameter					
Actual Measured Loss	X	X	X	X	X
Amplitude Tracking	X				
Crosstalk	X	X	X	X	X
Distortion Tracking	X				
Gain/Frequency Distortion	X	X	X	X	X
Group Delay	X				
Noise	X	X	X	X	X
Phrase Tracking	X				
Short-Term Gain Stability	X				
Short-Term Loss	X				
Total Distortion	X	X	X	X	X
Optional Features and Functions					
Central Office Bridging Capability	X	X	X	X	X
Gain Conditioning	X	X	X	X	X
Stereo	X				X

The technical specifications are described in Technical Reference GR-337-CORE and associated Addendum. (T)

* The desired parameters are selected by the customer from the list of available parameters.

ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.1 Network Channel (NC) Codes (Cont'd)

(E) Technical Specifications Packages Video Service

	Package		
SD Code	TVC*	TV1	TV2
NC Code	TQ	TV	TW
Video Parameters			
Insertion Gain	X	X	X
Field-Time Distortion	X	X	X
Line-Time Distortion	X	X	X
Short-Time Distortion	X	X	X
Chrominance-Luminance Gain Inequality	X	X	X
Chrominance-Luminance Delay Inequality	X	X	X
Amplitude/Frequency Characteristic	X	X	X
Luminance Non-Linear Distortion	X	X	X
Chrominance Non-Linear Gain Distortion	X	X	X
Chrominance Non-Linear Phase Distortion	X	X	X
Transient Synchronizing Signal Non-Linearty	X	X	X
Dynamic Gain Distortion			
- Picture Signal	X	X	X
- Synchronizing Signal	X	X	X
Differential Gain	X	X	X
Differential Phase	X	X	X
Chrominance-Luminance Intermodulation	X	X	X

* The desired parameters are selected by the customer from the list of available parameters.

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.1 Network Channel (NC) Codes (Cont'd)

(E) Technical Specifications Packages Video Service (Cont'd)

	Package		
SD Code / NC Code	TVC* / TQ	TV1 / TV	TV2 / TW
Audio Channel Parameters Associated with Video Service			
Insertion Gain	X	X	X
Amplitude/Frequency Characteristic	X	X	X
Total Harmonic Distortion & Noise	X	X	X
Maximum Steady-State Test Levels	X	X	X
Gain Differential Between Channels	X	X	
Phase Differential Between Channels	X	X	
Crosstalk	X	X	X
Audio-To-Video Time Differential	X	X	X

The technical specifications are described in Technical Reference GR-338-CORE. (T)

* The desired parameters are selected by the customer from the list of available parameters.

ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.1 Network Channel (NC) Codes (Cont'd)

(F) Technical Specifications Packages Digital Data Service

	Package					
SD Code / NC Code	DA1 XA	DA2 XB	DA3 XG	DA4 XH	DA5 XE	DA6 YN
Parameter/Hubbed						
Error-Free Seconds	X	X	X	X	X	X
Optional Features and Functions/Hubbed						
Central Office Bridging Capability	X	X	X	X	X	X
PPSN Interface Transfer Arrangement	X	X	X	X	X	X
Transfer Arrangement	X	X	X	X	X	X

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875% error-free seconds (if provided through a Digital Data hub) while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62310 (MDP-326-726). (T)

Optional Features and Functions/Non-Hubbed						
Public Packet Data Arrangement				X		X

Voltages which are compatible with Digital Data Service are delineated in Technical Reference TR-NWT-000341.

ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.1 Network Channel (NC) Codes (Cont'd)

(G) Technical Specifications Packages High Capacity Service

	Package						
SD Code	DS0	DS1	DS1C	DS2	DS3	DS4	(T)
NC Code	HS	HC	HD	HE	HF	HG	
Parameters							
Error-Free Seconds		X					
Optional Features and Functions							
Automatic Loop Transfer		X					
Central Office Multiplexing:							
DS4 to DS1						X	
DS3 to DS1					X		
DS2 to DS1				X			
DS1C to DS1		X					
DS1 to Voice		X					
DS1 to DS0		X					
DS0 to Subrate*	X						
Transfer Arrangement		X					
Clear Channel Capability		X					

A channel with technical specifications package DS1 will be capable of an error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference GR-342-CORE. (T)

* Available only on a channel of 1.544 Mbps facility to a Telephone Company Hub.

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.1 Network Channel (NC) Codes (Cont'd)

(H) Technical Specifications Packages Synchronous Optical Channel Service

	Package	
SD Code / NC Code	OC3 OB	OC12 OD
Parameters		
Error-Free Seconds	X	X
Optional Features and Functions		
Customer Premises Multiplexing:		
OC12 to OC3		X
OC12 to OC3c		X
OC12 to DS3		X
OC12 to DS1		X
OC3 to STS-1	X	
OC3 to DS3	X	
OC3 to DS1	X	
Central Office Multiplexing:		
OC12 to OC3		X
OC12 to OC3c		X
OC3 to DS3	X	
OC3 to DS1	X	

Technical specifications are delineated in Technical Reference GR-253-CORE, GR-1374-CORE, ATIS-0900102.1993 (R2010) and ATIS-0900105.2008. (C)

ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes

The electrical interface with the Telephone Company for Special Access Services, is defined by an interface code. There are interface codes for both the customer designated premises and the point of termination. Three examples of NCI codes are found in 15.2 preceeding.

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ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(A) Parameter Codes and Options

Parameter

Code	Option	Definition
AB -		accepts 20 Hz ringing signal at customer's point of termination
AC -		accepts 20 Hz ringing signal at customer's end user's point of termination
AH -		analog high capacity interface
-	B	60 kHz to 108 kHz (12 channels)
-	C	312 kHz to 552 kHz (60 channels)
-	D	564 kHz to 3084 kHz (600 channels)
CT -		Centrex Tie Trunk Termination
CS -		digital hierarchy interface at Digital Cross Connect System (DCS)
-	15	1.544 Mbps (DS1) ANSI Extended Superframe (ESF) Format and B8ZS Clear Channel Capability
-	15A	1.544 Mbps (DS1) Superframe (SF) format
-	15B	1.544 Mbps (DS1) Superframe (SF) format and B8ZS Clear Channel Capability
-	15K	1.544 Mbps (DS1) Extended Superframe (ESF)
DA -		data stream in VF frequency band at customer's end user's point of termination
DB -		data stream in VF frequency band at customer's point of termination
-	10	VF for TG1 and TG2
-	43	VF for 43 Telegraph Carrier type signals, TG1 and TG2
DC -		direct current or voltage
-	1	monitoring interface with series RC combination (McCulloh format)
-	2	Telephone Company energized alarm channel
-	3	Metallic facilities (DC continuity) for direct current/low frequency control signals or slow speed data (30 baud)
DD -		DATAPHONE Select-A-Station (and TABS) interface at customer's point of termination
DE -		DATAPHONE Select-A-Station (and TABS) interface at the customer's end user's point of termination

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(A) Parameter Codes and Options (Cont'd)

Parameter (Cont'd)

Code	Option	Definition
DS	-	digital hierarchy interface
	- 15	1.544 Mbps (DS1) format per GR-342-CORE plus D4
	- 15E	8-bit PCM encoded in one 64 kbps of the DS1 signal
	- 15F	8-bit PCM encoded in two 64 kbps of the DS1 signal
	- 15G	8-bit PCM encoded in three 64 kbps of the DS1 signal
	- 15H	14/11-bit PCM encoded in six 64 kbps of the DS1 signal
	- 15J	1.544 Mbps format per GR-342-CORE
	- 15K	1.544 Mbps format per GR-342-CORE plus extended framing format
	- 15L	1.544 Mbps (DS1) with SF signaling
	- 27	274.176 Mbps (DS4)
	- 27L	274.176 Mbps (DS4) with SF signaling
	- 31	3.152 Mbps (DS1C)
	- 31L	3.152 Mbps (DS1C) with SF signaling
	- 44	44.736 Mbps (DS3)
	- 44L	44.736 Mbps (DS3) with SF signaling
	- 63	6.312 Mbps (DS2)
	- 63L	6.312 Mbps (DS2) with SF signaling

Certain material formerly found on this page now appears on Original Page 15-38.1

ACCESS SERVICE (N)

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(A) Parameter Codes and Options (Cont'd)

Parameter (Cont'd)

Code	Option	Definition	
DU	-	digital access interface	(M)
	- 24	2.4 kbps	
	- 48	4.8 kbps	
	- 19	19.2 kbps	
	- 56	56.0 kbps	
	- 96	9.6 kbps	
	- 64	64.0 kbps	
	- A	1.544 Mbps format per GR-342-CORE	
	- B	1.544 Mbps format per GR-342-CORE plus D4	
	- C	1.544 Mbps format per GR-342-CORE plus extended framing format	
	- 1KN	1.544 Mbps ANSI Extended Superframe (ESF) Format without line power	
	- 1SN	1.544 Mbps ANSI Extended Superframe (ESF) Format with B8ZS Clear Channel Capability and without line power	
	- AN	1.544 Mbps free-framing format without line power (only avail. to U.S. Govt. agencies)	
	- BN	1.544 Mbps Superframe (SF) Format without line power	
	- DN	1.544 Mbps Superframe (SF) Format with B8ZS Clear Channel Capability without line power	
DX	-	duplex signaling interface at customer's point of termination	
DY	-	duplex signaling interface at customer's end user's point of termination	(M)

Certain material currently found on this page previously appeared on 5th Revised Page 15-38.

15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(A) Parameter Codes and Options (Cont'd)

Parameter (Cont'd)

Code	Option	Definition
EA -	E	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EA -	M	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EB -	E	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EB -	M	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EC -		Type III E&M signaling at customer POT
EX -	A	tandem channel unit signaling for loop start or ground start and customer supplies open end (dial tone, etc.) functions.
EX -	B	tandem channel unit signaling for loop start or ground start and customer supplies closed end (dial pulsing, etc.) functions.
FC -		Fiber Optic Interface
-	B	OC3, OC3c
-	D	OC12
GO -		ground start loop signaling - open end function by customer or customer's end user
GS -		ground start loop signaling - closed end function by customer or customer's end user
IA -		E.I.A. (25 pin RS-232)
LA -		end user loop start loop signaling - Type A OPS registered port open end
LB -		end user loop start loop signaling - Type B OPS registered port open end
LC -		end user loop start loop signaling - Type C OPS registered port open end
LO -		loop start loop signaling - open end function by customer or customer's end user
LR -		20 Hz automatic ringdown interface at customer with Telephone Company provided PLAR
LS -		loop start loop signaling - closed end function by customer or customer's end user
NO -		no signaling interface, transmission only

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(A) Parameter Codes and Options (Cont'd)

Parameter (Cont'd)

Code	Option	Definition
PG	-	program transmission - no dc signaling
	- 1	nominal frequency from 50 to 15000 Hz
	- 3	nominal frequency from 200 to 3500 Hz
	- 5	nominal frequency from 100 to 5000 Hz
	- 8	nominal frequency from 50 to 8000 Hz
PR	-	protective relaying*
RV	- 0	reverse battery signaling, one way operation, originate by customer
	- T	reverse battery signaling, one way operation, terminate function by customer or customer's end user
SF	-	single frequency signaling with VF band at either customer POT or customer's end user POT
SO	-	SONET Optical
	- AB	Long Range Multilongitudinal Mode (LR1-MLM) Bidirectional Ring
	- AU	LR1-MLM Unidirectional Ring
	- BB	Long Range Single Longitudinal Mode (LR1-SLM) Bidirectional Ring
	- BU	LR1-SLM Unidirectional Ring
	- CB	Intermediate Range Multilongitudinal Mode (IR1-MLM) Bidirectional Ring
	- CU	IR1-MLM Unidirectional Ring
	- DB	Intermediate Range Single Longitudinal Mode(IR1-SLM) Bidirectional Ring
	- DU	IR1-SLM Unidirectional Ring
	- EB	Short Range Multilongitudinal Mode Light Emitting Diode (SR-MLM/LED) Bidirectional Ring
	- EU	SR-MLM/LED Unidirectional Ring
	- FB	Short Range Multilongitudinal Mode (SR-MLM) Bidirectional Ring
	- FU	SR-MLM Unidirectional Ring

* Available only for the transmission of audio tone protective relaying signals used in the protection of electric power systems during fault conditions.

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(A) Parameter Codes and Options (Cont'd)

Parameter (Cont'd)

Code	Option	Definition
ST	-	Synchronous Transmission Signal (STS)
	- A	STS1
TF	-	telephotograph interface
TT	-	telegraph/teletypewriter interface at either customer POT or customer's end user POT
	- 2	20.0 milliamperes
	- 3	3.0 milliamperes
	- 6	62.5 milliamperes
TV	-	television interface
	- 1	combined (diplexed) video and one audio signal
	- 2	combined (diplexed) video and two audio signals
	- 5	video plus one (or two) audio 5 kHz signal(s) or one (or two) two wire
	- 15	video plus one (or two) audio 15 kHz signal(s)

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(B) Impedance

The nominal reference impedance with which the channel will be terminated for the purpose of evaluating transmission performance:

Value (ohms)	Code(s)
110	0
150	1
600	2
900	3+
135	5
75	6
124	7
Variable	8
100	9
Fiber	F
Radio	R

\+ For those interface codes with a 4-wire transmission path at the customer designated POT, rather than a standard 900 ohm impedance the code (3) denotes a customer provided transmission equipment termination. Such terminations were provided to customers in accordance with the F.C.C. Docket No. 20099 Settlement Agreement.

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces

The following tables show the Network Channel Interface codes (NCIs) which are compatible:

(1) Metallic

Compatible Cis	
2DC8-1	2DC8-2
2DC8-3	2DC8-3
4DS8-	2DC8-1
4DS8-	2DC8-2

(2) Telegraph Grade

Compatible CIs		Compatible CIs	
2DB2-10	10IA8	4DB2-10	10IA8
	2TT2-2		2TT2-2
	4TT2-2		4TT2-2
2DB2-43*	10IA8	4DB2-43*	10IA8
	2TT2-2		2TT2-6
	2TT2-6		4TT2-2
	4TT2-2		
		4DS8-	10IA8
2TT2-2	2TT2-2		2TT2-2
			2TT2-6
2TT2-3	2TT2-2		4TT2-2
	4TT2-2		4TT2-6
2TT2-6	2TT2-6	4TT2-2	4TT2-2
	4TT2-6		
		4TT2-6	2TT2-6

* Supplemental Channel Assignment information required.

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade

Compatible CIs	Compatible CIs	Compatible CIs
2AB2 2AC2	2DB2 2DA2	2LR2 2LR2
2AB3 2AC2	2DB3 2DA2	2LR3 2LR2
2CT3 2DY2	2DX3 2LA2	2LS 2GS
4DS8	2LB2	2LS
4DX2	2LC2	4GS
4DX3	2LO3	4LS
4DY2	2LS2	
4EA2-E	2LS3	2LS2 2LA2
4EA2-M		2LB2
4SF2	2GO2 2GS2	2LC2
4SF3	2GS3	
6DX2		2LS3 2LA2
6DY2	2GO3 2GS2	2LB2
6DY3	2GS3	2LC2
6EA2-E		
6EA2-M	2GS 2GS	2NO2 2DA2
6EB2-E	2LS	2NO2
6EB2-M	4GS	
6EB3-E	4LS	2NO3 2NO2
8EB2-E		2PR2
8EB2-M	2L02 2LS2	
8EC2	2LS3	2TF3 2TF2
9DY2		
9DY3	2L03 2LS2	
9EA2	2LS3	
9EA3		

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
4AB2	2AC2				
	4AB2				
	4AC2				
	4SF2				
4AB3	2AC2				
	4AC2				
	4SF2				
4AC2	2AC2				
	4AC2				
		4DS8-	2AC2	4DS8-	4DG2
			2DA2		4LR2
			2DY2		4LS2
			2GO2		4NO2
4DA2	4DA2		2GO3		4PR2
			2GS2		4RV2-T
4DB2	2DA2		2GS3		4SF2
	2NO2		2LA2		4SF3
	2PR2		2LB2		4TF2
	4DA2		2LC2		6DA2
	4DB2		2LO2		6DY2
	4NO2		2LO3		6DY3
	4PR2		2LR2		6EA2-E
	6DA2		2LS2		6EA2-M
			2LS3		6EB2-E
4DD3	2DE2		2NO2		6EB2-M
	4DE2		2PR2		6GS2
			2RV2-T		6LS2
			2TF2		8EB2-E
			4AC2		8EB2-M
			4DA2		9DY2
			4DE2		9DY3
			4DX2		9EA2
			4DX3		9EA3
			4DY2		
			4EA2-E		
			4EA2-M		

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
4DX2	2DY2	4DX2	8EB2-E	4DX3	6DY2
	2LA2		8EB2-M		6DY3
	2LB2		9DY2		6EA2-E
	2LC2		9DY3		6EA2-M
	2LO3		9EA2		6EB2-E
	2LS2		9EA3		6EB2-M
	2LS3				6LS2
	2RV2-T	4DX3	2DY2		8EB2-E
	4DX2		2LA2		8EB2-M
	4DY2		2LB2		9DY2
	4EA2-E		2LC2		9DY3
	4EA2-M		2LO3		9EA2
	4LS2		2LS2		9EA3
	4RV2-T		2LS3		
	4SF2		2RV2-T	4DY2	2DY2
	4SF3		4DX2		4DY2
	6DY2		4DX3		
	6DY3		4DY2		
	6EA2-E		4EA2-E		
	6EA2-M		4EA2-M		
	6EB2-E		4LS2		
	6EB2-M		4RV2-T		
	6LS2		4SF2		
			4SF3		

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
4EA2-E	2DY2	4EA3-E	2DY2	4GO2	2GO2
	4DY2		4DY2		2GO3
	4EA2-E		4EA2-E		2GS2
	4EA2-M		4EA2-M		2GS3
	4SF2		4SF2		4GS2
	6DY2		6DY2		4SF2
	6DY3		6DY3		6GS2
	6EB2-E		6EA2-E		
	6EB2-M		6EA2-M	4GO3	2GO2
	8EB2-E		6EB2-E		2GS2
	8EB2-M		6EB2-M		2GS3
	9DY2		8EB2-E		4GS2
	9DY3		8EB2-M		4SF2
			9DY2		6GS2
4EA2-M	2DY2		9DY3		
	4DY2		9EA2		
	4EA2-M		9EA3	4GS	2GS
	4SF2				2LS
	6DY2				4GS
	6DY3				4LS
	6EB2-E				
	6EB2-M				
	8EB2-E				
	8EB2-M				
	9DY2				
	9DY3				

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
4LO2	2LS2	4LS3	2LA2	4SF2	2LO3
	2LS3		2LB2		2LR2
	4LS2		2LC2		2LS2
	4SF2		2LO2		2LS3
	6LS2		2LO3		2RV2-T
			4SF2		4AC2
4LO3	2LS2				4DY2
	2LS3	4NO2	2DA2		4LS2
	4LS2		2DE2		4RV2-T
	4SF2		2NO2		4SF2
	6LS2		4DA2		6DY2
			4DE2		6DY3
4LR2	2LR2		4NO2		6GS2
	4LR2		6DA2		9DY2
	4SF2				9DY3
		4RV2-0	2RV2-T		
4LR3	2LR2		4RV2-T	4SF3	2DY2
	4LR2		4SF2		2GO3
	4SF2				2GS2
					2GS3
4LS	2GS	4SF2	2AC2		2LA2
	2LS		2DY2		2LB2
	4GS		2GS2		2LC2
	4LS		2GS3		2LO3
			2LA2		2LR2
4LS2	2LA2		2LB2		
	2LB2		2LC2		
	2LC2				
	2LO2				
	2LO3				

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
4SF3	2LS2	6DA	4DA2	6DY3	2DY2
	2LS3		6DA2		4DY2
	2RV2-T				6DY2
	4DY2	6DX2	2DY2		6DY3
	4EA2-E		4DY2		
	4EA2-M		4EA2-E	6EA2-E	2AC2
	4GS2				
	4LR2		4EA2-M		2DY2
	4LS2		4SF2		2LA2
	4RV2-T		6DY2		2LB2
	4SF2		6DY3		2LC2
	4SF3		6EA2-E		2LO3
	6DY2		6EA2-M		2LS2
	6DY3		6EB2-E		2LS3
	6EB2-E		6EB2-M		2RV2-T
	6EB2-M		8EB2-E		4AC2
	6GS2		8EB2-M		4DY2
	6LS2		9DY2		4EA2-E
	9DY2		9DY3		4EA2-M
	9DY3		9EA2		4LS2
	9EA2		9EA3		4RV2-T
	9EA3				4SF2
		6DY2	2DY2		4SF3
4TF2	2TF2		4DY2		6DY2
	4TF2		6DY2		6DY3
					6EA2-E
					6EA2-M

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
6EA2-E	6EB2-E	6EA2-M	6DY2	6EB3-E	2DY2
	6EB2-M		6DY3		4DY2
	6LS2		6EA2-M		4EA2-E
	8EB2-E		6EB2-E		4EA2-M
	8EB2-M		6EB2-M		4SF2
	9DY2		6LS2		6DY2
	9DY3		8EB2-E		6DY3
			8EB2-M		6EA2-E
6EA2-M	2AC2		9DY2		6EA2-M
	2DY2		9DY3		8EB2-E
	2LA2				8EB2-M
	2LB2	6EB2-E	2DY2		9DY2
	2LC2		4DY2		9DY3
	2LO3		4SF2		9EA2
	2LS2		6DY2		9EA3
	2LS3		6DY3		
	2RV2-T		6EB2-E	6EX2-A	2GS2
	4AC2		6EB2-M		2GS3
	4DY2		9DY2		2LS2
	4EA2-E		9DY3		2LS3
	4EA2-M				4GS2
	4LS2	6EB2-M	2DY2		4LS2
	4RV2-T		4DY2		4SF2
	4SF2		4SF2		6GS2
	4SF3		6DY2		6LS2
			6DY3		
			6EB2-M		
			9DY2		
			9DY3		

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
6EX2-B	2GO3	8EB2-E	2AC2	8EB2-M	2AC2
	2LA2		2DY2		2DY2
	2LB2		2LA2		2LA2
	2LC2		2LB2		2LB2
	2LO2		2LC2		2LC2
	2LO3		2LO3		2LO3
	2LR2		2LS2		2LS2
	4LR2		2LS3		2LS3
	4SF2		2RV2-T		2RV2-T
			4AC2		4AC2
6GO2	2GO2		4DY2		4DY2
	2GS2		4LS2		4LS2
	2GS3		4RV2-T		4RV2-T
	4GS2		4SF2		4SF2
	4SF2		4SF3		4SF3
	6GS2		6DY2		6DY2
			6DY3		6DY3
6LO2	2LS2		6EB2-E		6EB2-E
	2LS3		6EB2-M		6EB2-M
	4LS2		6LS2		6LS2
	4SF2		8EB2-E		8EB2-M
	6LS2		8EB2-M		9DY2
			9DY2		9DY3
6LS2	2LA2		9DY3		
	2LB2				
	2LC2				
	2LO2				
	2LO3				
	4SF2				

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(3) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
8EC2	2DY2	9DY2	2DY2	9EA3	2DY2
	4DY2		4DY2		4DY2
	4EA2-E		6DY2		4EA2-E
	4EA2-M		6DY3		4EA2-M
	4SF2		9DY2		6DY2
	6DY2				6DY3
	6DY3	9DY3	2DY2		6EA2-E
	6EA2-E		4DY2		6EA2-M
	6EA2-M		6DY2		6EB2-E
	6EB2-E		6DY3		6EB2-M
	6EB2-M		9DY2		8EB2-E
	8EB2-E		9DY3		8EB2-M
	8EB2-M				9DY2
	9DY2	9EA2	2DY2		9DY3
	9DY3		4DY2		9EA3
	9EA2		4EA2-E		
	9EA3		4EA2-M		
			6DY2		
			6DY3		
			6EA2-E		
			6EA2-M		
			6EB2-E		
			6EB2-M		
			8EB2-E		
			8EB2-M		
			9DY2		
			9DY3		
			9EA2		
			9EA3		

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(4) Program Audio

Compatible CIs		Compatible CIs	
2PG2-1	2PG1-1 2PG2-1	4DS8-15E	2PG1-3 2PG2-3
2PG2-3	2PG1-3 2PG2-3	4DS8-15F	2PG1-5 2PG2-5
2PG2-5	2PG1-5 2PG2-5	4DS8-15G	2PG1-8 2PG2-8
2PG2-8	2PG1-8 2PG2-8	4DA8-15H	2PG1-1 2PG2-1

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(5) Video

Compatible CIs		Compatible CIs	
2TV6-1	4TV6-15 4TV7-15	4TV7-5	4TV6-5 4TV7-5
2TV6-2	6TV6-15 6TV7-15	4TV7-15	4TV6-15 4TV7-15
2TV7-1	4TV6-15 4TV7-15	6TV6-5	6TV6-5 6TV7-5
2TV7-2	6TV6-15 6TV7-15	6TV6-15	6TV6-15 6TV7-15
4TV6-5	4TV6-5 4TV7-5	6TV7-5	6TV6-5 6TV7-5
4TV6-15	4TV6-15 4TV7-15	6TV7-15	6TV6-15 6TV7-15

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(6) Digital Data

Compatible CIs	Compatible CIs	Compatible CIs		
4DS8-15	4DS8-15+	4DU5-24	4DU5-24	6DU5-24
	4DU5-24			
	4DU5-48	4DU5-48	4DU5-48	6DU5-48
	4DU5-56			
	4DU5-96	4DU5-96	4DU5-96	6DU5-56
	6DU5-24			
	6DU5-48	4DU8-56	4DU5-56	6DU5-96
	6DU5-96			

Compatible CIs
6DU5-24
6DU5-48
6DU5-56
6DU5-96
6DU5-96

\+ Available only as a cross connect of two digital channels at appropriate digital speeds at a Telephone Company hub.

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.2 Special Access Service (Cont'd)

15.2.2 Network Channel Interface (NCI) Codes (Cont'd)

(C) Compatible Network Channel Interfaces (Cont'd)

(7) High Capacity

Compatible CIs		Compatible CIs	
4DS0-63	4DS0-63 4DU8-A,B or C 6DU8-A,B or C	4DS8-15J	4DU8-A 6DU8-A
		4DS8-15K	4DU8-B
4DS6-27	4DS6-27 4DU8-A,B or C 6DU8-A,B or C		4DU8-C 6DU8-B 6DU8-C
4DS6-44	4DS6-44 4DU8-A,B or C 6DU8-A,B or C	4DS8-31	4DS8-31 4DU8-A,B or C 6DU8-A,B or C
4DS8-15	4DS8-15+ 4DU8-B 6DU8-8	4DU8-A,B or C	4DU8-A,B or C

(8) Synchronous Optical Channel Service

Compatible CIs		Compatible CIs	
4DS9-1S	4DU9-1S	2SOF-A	2SOF-A
4DS9-1K	4DU9-1K	2SOF-B	2SOF-B
		2SOF-C	2SOF-C
		2SOF-D	2SOF-D
		2SOF-E	2SOF-E
		2SOF-F	2SOF-F

\+ Available only as a cross connect of two individual channels of 1.544 Mbps facilities at a Telephone Company hub.

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.3 Directory Access Service

15.3.1 Interface Group and Premise Interface Codes

When Directory Access Service is combined with Feature Group B, C or D Switched Access Service, the Premises Interface Code for the combination will be the available Premises Interface Code provided for the Feature Group B, C or D Switched Access Service ordered by the customer. Premises Interface Codes are described in 15.1.1(G) preceding.

When Directory Access Service is provided as a separate trunk group (not in combination with Switched Access Service) Interface Groups 2 through 10 as set forth in 15.1.1 preceding are available. Only the following Premises Interface Codes are available when Directory Access Service is provided as a separate trunk group:

4DS9-15	6EA2-E	4RV2-0
4DS9-31	6EA2-M	4AH5-B
4DS0-63	4SF3	4AH6-C
4DS6-44		4AH6-D
4DS6-27		

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15. Access Service Interfaces and Transmission Specifications (Cont'd)

15.3 Directory Access Service (Cont'd)

15.3.2 Standard Transmission Specifications

Following is a matrix illustrating the transmission specifications available with Directory Access Service. Descriptions of the Standard Transmission Specifications, Type A and B, are set forth respectively in 15.1.2(E) and (F) preceding.

Directory Access Service Provided in Combination with Switched Access Service	Transmission Specifications Type A	Type B
- Feature Group B (Interface Groups 2 through 10)		X
- Feature Group C		X
- Feature Group D	X	
Directory Access Service Not Combined with Switched Access Service		
- Routed Direct to DA location (Interface Groups 2 through 10)		X
- Routed via an access tandem (Interface Groups 2 through 10)	X	

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16. Public Packet Data Network

Public Packet Data Networks utilize separate data networks, comprised of switching, routing and transmission facilities. The networks provide for the transfer of data provided by a customer in a frame or cell format. The data is separated into discrete segments for transmission through the public packet data network.

16.1 Frame Relay Access Service

16.1.1 General

(A) General

Frame Relay Access Service (FRAS) is a medium-speed, connection-oriented packet-switched data service that allows for the interconnection of Local Area Networks (LANs) or other compatible customer premises equipment for the purpose of connecting to an interstate frame relay network. FRAS also allows for the interconnection of a customer designated premises to a DSL Access Service Connection Point as described in Section 8, preceding. The terminal equipment accumulates the customer data and puts it into a frame relay format suitable for transmission over the FRAS network. This terminal equipment must conform to the requirements specified in the following Technical References: (T)

ITU-CCITT I.233.1,
ITU-CCITT I.233.2,
ITU-CCITT I.370, and
ITU-T Q.933 (T)

FRAS permits customers to share network bandwidth for data transmissions.

ACCESS SERVICE

16. Public Packet Data Network

16.1 Frame Relay Access Service

16.1.1 General (Con'd)

(A) General (Cont'd)

Rates and charges for FRAS are set forth in Section 17.4.8.1, following. The Telephone Company specific rate band assignment for the FRAS rate elements is specified in the Special Access (SPA) column in Section 17.5.1, following. The application of rates for FRAS is described in Section 16.1.2, following. (T) (T)

In addition to the regulations and charges specified in this section, the general regulations and charges specified in other sections of this tariff apply as appropriate.

(B) Service Description

FRAS is a transport service that facilitates the exchange of variable length information units (frames) between customer connections. Frames travel a fixed path through the network with an address that specifies the permanent virtual connection. Addresses are read by the network processor and the frames are relayed to the preassigned destination.

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16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.1 General (Cont'd)

(B) Service Description (Cont'd)

FRAS service includes: the Frame Relay Access Connection, the Frame Relay Inter-network Connection, and Permanent Virtual Connections (PVC) which have associated Committed Information Rates (CIRs).

The Frame Relay Access Connection and the Frame Relay Inter-network Connection elements provide access to a Telephone Company wire center equipped with a frame relay switch. A generic view of FRAS access is shown in 16.1.2(A) following. Frame Relay Access Service connections are available from the wire centers as identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4.

The Frame Relay Access Connection combines a frame relay compatible 56.0 kbps, 64.0 kbps, 1.544 Mbps or 44.736 Mbps digital transport facility with a port on a frame relay switch. The Frame Relay Access Connection includes the Telephone Company facility between the customer designated premises and the customer's serving wire center, the interoffice transport (if applicable) between the customer's serving wire center and a wire center equipped with a frame relay switch, and the end user port. The end user port is a user-to-network interface which provides the lineside physical entry point into the Telephone Company frame relay network and permits FRAS compatible end user customer premises equipment (CPE) to originate or terminate an interstate access service. Connections between end user customer premises equipment and the Telephone Company frame relay switch are available at speeds of 56.0 kbps, 64.0 kbps, 1.544 Mbps or 44.736 Mbps. Each end user port requires the identification of a corresponding terminating port. All end user ports must be in conformance with the Technical References specified in (A), above. (T) (T)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.1 General (Cont'd)

(B) Service Description (Cont'd)

The Frame Relay Inter-network Connection combines a frame relay compatible 1.544 Mbps or 44.736 Mbps digital transport facility with a port on a frame relay switch. The Frame Relay Inter-network Connection includes the Telephone Company facility between the customer designated premises and the customer's serving wire center, the interoffice transport (if applicable) between the customer's serving wire center and a wire center equipped with a frame relay switch, and the inter-network customer port. The inter-network customer port is a network-to-network interface which provides the trunkside physical entry point into the Telephone Company frame relay network. The inter-network customer port connects the Telephone Company frame relay switch and the access customer's network. The inter-network customer port is offered at speeds of 1.544 Mbps or 44.736 Mbps. All inter-network customer ports must be in conformance with Telcordia Technologies, Inc. Technical Reference TR-TSV-001370, Issued: May 1993.

The Telephone Company will provide the logical circuits required within its frame relay network to connect the ports or to connect a port with a DSL Access Service Connection Point. These logical circuits, or Permanent Virtual Connections (PVC), are software defined, end-to-end, bi-directional communications paths that are established and dis-established via the access service order process. While no physical circuits are dedicated, the two network addresses (one from each port) are connected electronically to form a PVC.

There are two types of PVCs available. The standard PVC establishes a communications path within the Telephone Company's frame relay network between two ports or between a port and a DSL Access Service Connection Point. The extended PVC establishes a communications path on two interconnected telephone companies' frame relay networks located in adjacent serving territories between two ports or between a port and a DSL Access Service Connection Point. (C) (C) (D) (D)

16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.1 General (Cont'd)

(B) Service Description (Cont'd)

At the time service is ordered the number of PVCs will be identified along with their Committed Information Rates. CIR is the bit rate at which the FRAS network commits to transfer data. Committed Information Rates provide for frame relay switch throughput at designated speeds (See Section 16.1.2(A)(3), following). This information is required for network routing purposes. (T)

(C) Service Provided by More than One Telephone Company

There are two types of arrangements available for Frame Relay Access Service (FRAS) when the service is provided by more than one Telephone Company, i.e., Jointly-Provided FRAS and Interconnected FRAS as described below. (N)

(1) Jointly-Provided FRAS (N)

When the transport facility between the customer designated premises and a wire center equipped with a frame relay switch is provided by more than one Telephone Company, the Telephone Companies involved will provide a Special Access Service facility as set forth in Section 7 preceding, and in accordance with Sections 2.4.7 and 5.3, preceding.

Jointly-Provided FRAS service includes: the End User Port, the Inter-network Customer Port, and Permanent Virtual Connections (PVC) which have associated Committed Information Rates (CIRs). A Special Access Service facility is used to connect to the frame relay switch.

Connections are provided via Channel Termination(s) and Channel Mileage (See Section 7 Special Access Digital Data and High Capacity Services preceding). All regulations, rates and charges as specified in Section 7 will apply in addition to the rates and charges associated with FRAS. A generic view of jointly-provided FRAS is shown in Section 16.1.2(A), following. (T)

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16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.1 General (Cont'd)

(C) Service Provided by More than One Telephone Company (Cont'd)

(1) Jointly-Provided FRAS (Cont'd) (N)

The Telephone Company that provides the frame relay switch will bill an End User Port charge for the end user port connection and/or an Inter-network Customer Port charge for the inter-network customer port connection.

The Special Access Service, End User Port and/or Inter-network Customer Port charge(s) will apply in lieu of the Frame Relay Access Connection or Frame Relay Inter-network Connection.

(2) Interconnected FRAS (N)

Interconnected FRAS allows the Telephone Company to interconnect its frame relay network with another telephone company's frame relay network. Interconnected FRAS provides connections between telephone companies in adjacent serving territories and in non-adjacent serving territories.

(a) Adjacent Serving Territories

In order to connect the Telephone Company's frame relay switch to a frame relay switch of another telephone company that is located in an adjacent serving territory, the customer must order Extended Permanent Virtual Connections (EPVCs), which have associated CIRs. The EPVCs are in addition to the Frame Relay Access Connection (FRAC) and/or Frame Relay Inter-network Connection (FRIC) that are required to complete the connection from the Customer's Designated Premises (CDP) to the Telephone Company's frame relay switch. A generic view of Interconnected FRAS between adjacent serving territories is shown in Section 16.1.2 (A), following. (N)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.1 General (Cont'd)

(C) Service Provided by More than One Telephone Company (Cont'd)

(2) Interconnected FRAS (Cont'd)

(b) Non-Adjacent Serving Territories

In order to connect the Telephone Company's frame relay switch to a frame relay switch of another telephone company that is located in a non-adjacent serving territory, the customer must order Inter-network Customer Ports (ICPs) and a High Capacity Special Access Channel Mileage Facility to connect the two networks. These elements are in addition to the FRAC and/or the FRIC and the Standard Permanent Virtual Connections (SPVCs), which have associated CIRS, that are required to complete the connection from the CDP to the Telephone Company's ICP. (T)

Connections between the two Telephone Companies' ICPs are provided using 1.544 Mbps and/or 44.736 Mbps High Capacity Channel Mileage Facility (See Section 7.10 High Capacity Special Access Services preceding). Channel Mileage Termination(s) do not apply. A generic view of Interconnected FRAS between non-adjacent serving territories is shown in Section 16.1.2(A), following.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.1 General (Cont'd)

(D) Ordering Options and Conditions

Frame Relay Access Service is ordered under the Access Order provisions set forth in Section 5 preceding. Also included in that section are other charges which may be associated with ordering FRAS (e.g., Service Date Change Charges, Cancellation Charges, etc.)

A minimum of two FRAS connections are required for data to be transported between customer designated premises.

(E) Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test at the time of installation.

(x) Issued to reflect new corporate address.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.2 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Frame Relay Access Service.

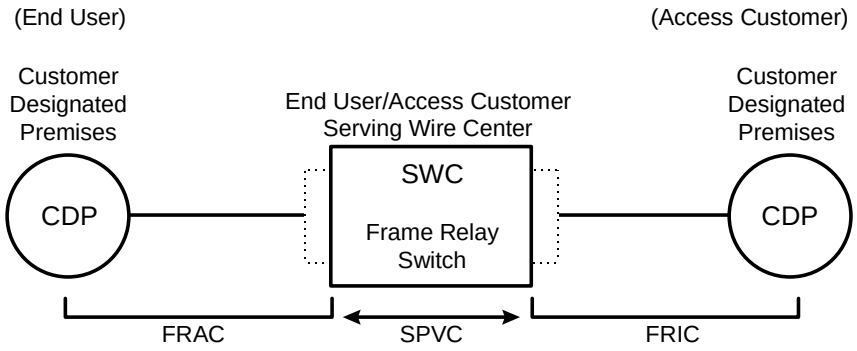
Frame Relay Access Service is available at the wire centers as identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4. In the case of Interconnected Frame Relay Access Service, NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 also identifies the intermediate and super intermediate wire centers.

(A) Rate Categories

The following diagrams depict a generic view of the components of Frame Relay Access Service and the manner in which the components are combined to provide FRAS, Interconnected FRAS, and Jointly-Provided FRAS.

Frame Relay Access Service

Customer's Serving Wire Center is equipped with a frame relay switch



RATE ELEMENTS

- FRAC = Frame Relay Access Connection
- SPVC = Standard Permanent Virtual Connection
- FRIC = Frame Relay Inter-network Connection

(x) Issued to reflect new corporate address.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

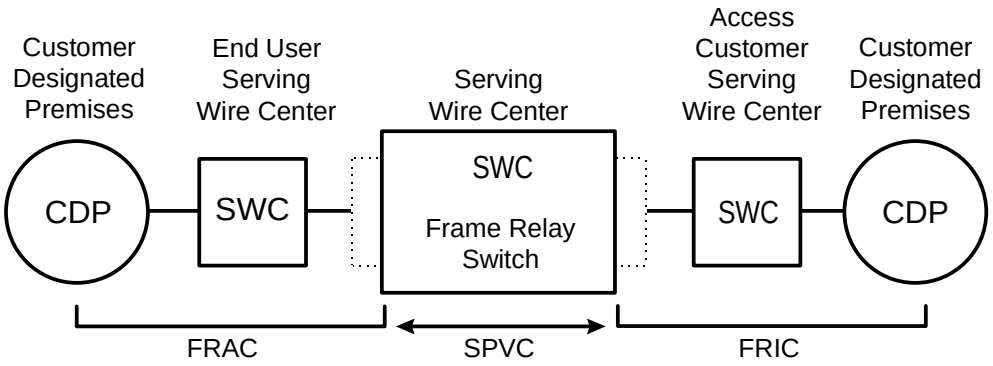
16.1 Frame Relay Access Service (Cont'd)

16.1.2 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

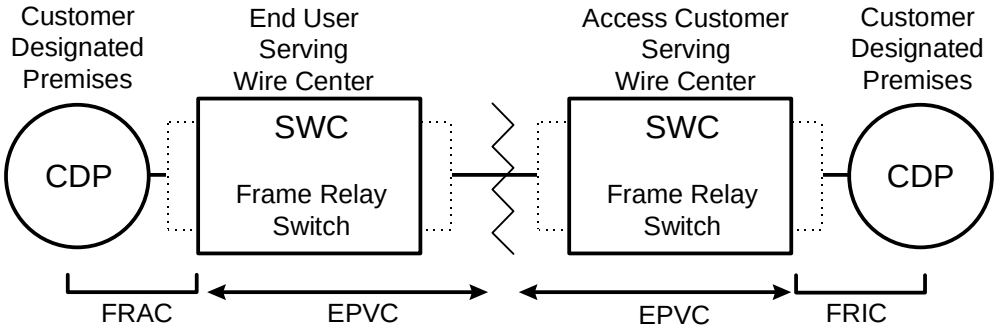
Frame Relay Access Service

Customer's Serving Wire Center is not equipped with a frame relay switch



Interconnected FRAS Between Adjacent Serving Territories (C)

EC A * **EC B ***



RATE ELEMENTS

- FRAC = Frame Relay Access Connection
- EPVC = Extended Permanent Virtual Connection
- FRIC = Frame Relay Inter-network Connection

* If EC A or EC B is a non-NECA company, the application of their charges will depend upon EC A or EC B's access tariff.

ACCESS SERVICE

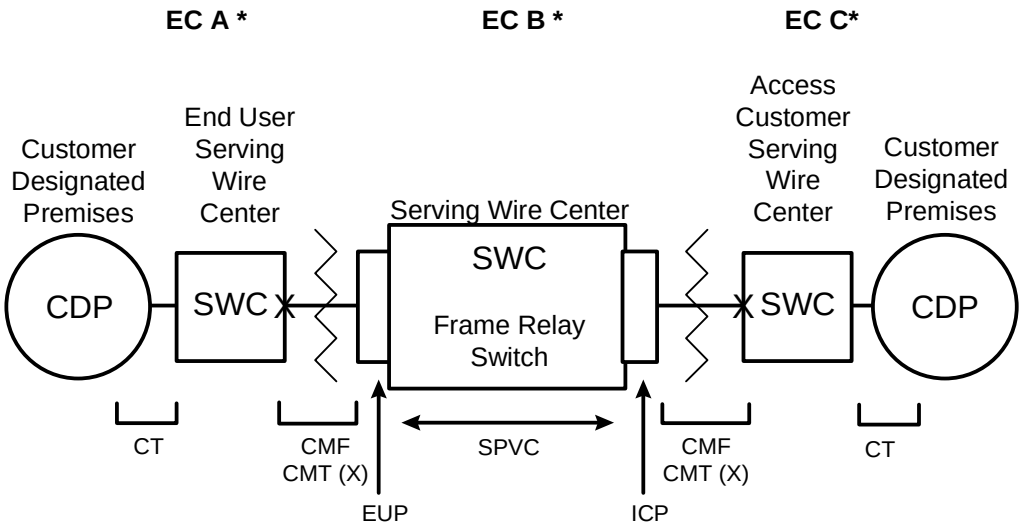
16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.2 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

Jointly-Provided Frame Relay Access Service



RATE ELEMENTS

	(Special Access Service)	(Frame Relay Access Service)
EC "A"	• CT = Channel Termination • CMT = Channel Mileage Termination • CMF = Channel Mileage Facility	
EC "B"	• CMF = Channel Mileage Facility • CMF = Channel Mileage Facility	• EUP = End User Port • SPVC = Standard Permanent Virtual Connection • ICP = Inter-network Customer Port
EC "C"	• CT = Channel Termination • CMT = Channel Mileage Termination • CMF = Channel Mileage Facility	

* If EC A, EC B or EC C is a non-NECA company, the application of their charges will depend upon EC A, EC B or EC C's access tariff.

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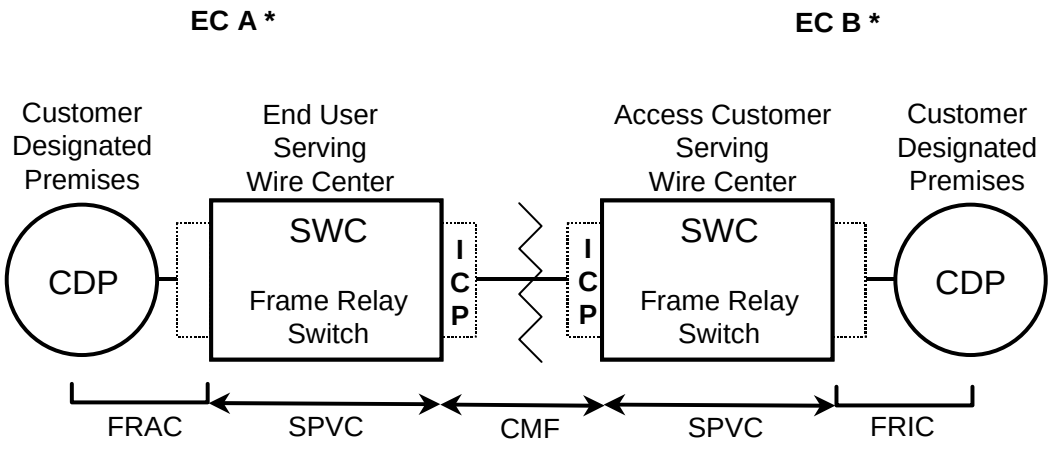
16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.2 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

Interconnected FRAS Between Non-Adjacent Serving Territories



RATE ELEMENTS

	(Special Access Service)	(Frame Relay Access Service)
EC "A"-	CMF = Channel Mileage Facility	FRAC = Frame Relay Access Connection
		SPVC = Standard Permanent Virtual Connectio
		ICP = Inter-network Customer Port
EC "B"-	CMF = Channel Mileage Facility	FRIC = Frame Relay Inter-network Connection
		SPVC = Standard Permanent Virtual Connection
		ICP = Inter-network Customer Port

* If EC A or EC B is a non-NECA company, the application of their charges will depend upon EC A or EC B's access tariff. (N)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.2 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(1) Frame Relay Access Connection

The Frame Relay Access Connection (FRAC) rate element recovers the costs associated with the communication path between the end user's premises and the Telephone Company wire center equipped with a frame relay switch. The FRAC includes the physical transmission facility between the customer designated premises and the customer's serving wire center, the interoffice transport (if applicable) between the customer's serving wire center and a wire center equipped with a frame relay switch, and the end user port on the Telephone Company's frame relay switch.

One FRAC charge applies per customer designated premises at which the FRAS connection is terminated. This applies even if the customer designated premises and the frame relay switch are collocated in a Telephone Company building.

(2) Frame Relay Inter-network Connection

The Frame Relay Inter-network Connection (FRIC) rate element recovers the costs associated with the communication path between the access customer's premises and the Telephone Company wire center equipped with a frame relay switch. The FRIC includes the physical transmission facility between the customer designated premises and the customer's serving wire center, the interoffice transport (if applicable) between the customer's serving wire center and a wire center equipped with a frame relay switch, and the inter-network customer port on the Telephone Company's frame relay switch.

One FRIC charge applies per customer designated premises at which the FRAS connection is terminated. This applies even if the customer designated premises and the frame relay switch are collocated in a Telephone Company building.

(x) Issued to reflect new corporate address.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.2 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(3) End User Port

An End User Port charge is applied as a discrete rate element in conjunction with jointly-provided Special Access Service. Refer to 7.9 and 7.10 preceding for additional applicable rates and charges.

The End User Port is the physical location in the Telephone Company switching office where the transport facility of the customer connects to the FRAS Network. It specifies how a frame relay switch sends and receives data from a frame relay end user customer's LAN or other compatible CPE devices.

The End User Port consists of either a 56.0 kbps, 64.0 kbps, 1.544 Mbps or 44.736 Mbps interface. The port connecting the transport facility to the Telephone Company frame relay switch must be ordered and provided at the same speed as the associated transport facility.

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ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.2 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(4) Inter-network Customer Port

An Inter-network Customer Port Charge is applied in conjunction with Jointly-Provided FRAS and Interconnected FRAS between non-adjacent serving territories. Refer to Section 7.10, preceding for additional applicable rates and charges for the High Capacity Special Access Service used in conjunction with these services. (C)

The Inter-network Customer Port is the physical location in the Telephone Company switching office where the access customer's transport facility connects to the Telephone Company's FRAS network. It specifies how a frame relay switch sends and receives data from a frame relay access customer's network.

The Inter-network Customer Port is offered at speeds of 1.544 Mbps or 44.736 Mbps. The port connecting the transport facility to the Telephone Company frame relay switch must be ordered and provided at the same speed as the associated transport facility.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.2 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(5) Permanent Virtual Connection (PVC)

A PVC is a software defined communications path between two port connections or between a port connection and a DSL Access Service Connection Point.

Each PVC is provisioned with a customer selected Committed Information Rate. The CIR is a transmission speed specified by the customer. CIRs range from 8 kbps to 768 kbps. The Telephone Company will provide switch capacity to permit the customer to transmit information with guaranteed delivery at the specified CIR. The Telephone Company will permit customers to attempt to transmit beyond the specified CIR up to the actual throughput speed of the port with no guarantee of completion. Attempted transmissions above the actual throughput speed of the port will not be permitted. (C)

Customers will be permitted to order multiple PVCs on a given port subject to switch limitations. Customers anticipating non-simultaneous transmission may order CIRs assigned to these multiple PVCs, the sum of which may theoretically exceed the actual throughput of the port. However, when simultaneous transmission of multiple PVCs occurs, the total of the transmission rate (CIRs) may not exceed the actual throughput of the port.

There are two types of PVCs available. The standard PVC establishes a communications path within the Telephone Company’s frame relay network between two ports or between a port and a DSL Access Service Connection Point. The extended PVC establishes a communications path on two interconnected telephone companies’ frame relay networks located in adjacent serving territories between two ports or between a port and a DSL Access Service Connection Point.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.2 Rate Regulations (Cont'd)

(B) Types of Rates and Charges

There are two types of rates and charges. They are monthly rates and nonrecurring charges. The rates and charges are described as follows:

(1) Monthly Rates

Monthly rates are recurring rates that apply each month or fraction thereof that a FRAS is provided. For billing purposes, each month is considered to have 30 days.

(2) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for FRAS are: installation of service and service rearrangements. These charges are in addition to the Access Order Charge as specified in 17.4.1 following:

(a) Installation of Service

Nonrecurring charges apply for the installation of Frame Relay Access Connections (FRAC), Frame Relay Inter-network Connections (FRIC), and Permanent Virtual Connections (PVC).

A nonrecurring charge applies per FRAC or FRIC installed and is based on the speed of the connection.

A nonrecurring charge applies per PVC installed.

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16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.2 Rate Regulations (Cont'd)

(B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(b) Service Rearrangements

Service Rearrangements are changes to existing (installed) services.

A PVC Rearrangement Charge will be applied whenever a change is made to the CIR of an existing PVC after initial port installation and/or a change is made to the terminating port destination of the PVC.

Administrative changes will be made without charge(s) to the customer. Administrative changes are as follows:

- Change of customer name,
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

(c) Moves

A move involves a change in the physical location of one of the following:

- The Point of Termination at the customer's premises

- The customer's premises

(x) Issued to reflect new corporate address.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.2 Rate Regulations (Cont'd)

(c) Moves (Cont'd)

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(i) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the service termination affected. There will be no change in the minimum period requirements. This charge is in addition to the Access Order Charge as specified in 17.4.1 following.

(ii) Moves To a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

(C) Minimum Period

The minimum period for FRAS is one month and the full monthly rate will apply to the first month. Adjustments for quantities of services established or discontinued in any billing period beyond the minimum period are as set forth in 2.4.1(F) preceding.

The minimum period for discounted FRAS is twelve months as set forth in 2.4.2 and 5.5.1 preceding.

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ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.3 Optional Rate Plans

A Term Discount plan is available for Frame Relay Access Service (FRAS). The Term Discount applies to the Frame Relay Access Connection and Frame Relay Inter-network Connection charges. The End User Port and Inter-network Customer Port charges are eligible for term discounts where the associated Special Access Service facility is eligible for a Special Access Service Term Discount. The conditions under which End User Port and Inter-network Customer Port Term Discounts apply are specified in 7.2.8(A)(1) preceding while the Term Discount percentage is as set forth in 17.4.8(A)(5) following. The Permanent Virtual Connections (PVC) are not eligible for a Term Discount. Under the Term Discount plan, the current monthly rates for eligible services are reduced by a fixed percentage. The amount of the discount percentage differs based on the length of the service commitment period selected by the customer. The Term Discount percentages for FRAS are as set forth in 17.4.8(A)(5) following.

Discounts for the Term Discount plan are only applied to FRAS provided to a customer within the same state and LATA by the same Telephone Company.

The Term Discount Optional Rate Plan is only available from those Telephone Companies listed in 17.3.10(A)(1) following.

The minimum service period on a month-to-month basis is one month. Under an Optional Rate Plan, the minimum service period is twelve months.

Certain material formerly found on this page now appears on Original Page 16-12.1.

ACCESS SERVICE (N)

16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.3 Optional Rate Plans (Cont'd) (N)

(A) Term Discounts (M)

FRAS may be ordered at the customer's option on a month-to-month basis or for Term Discount periods of 36 months (3 years) or 60 months (5 years).

The minimum service period for all Term Discount plans is twelve months. The customer must specify the length of the service commitment period at the time the service is ordered.

For customers that subscribe to the Term Discount plan for 36 or 60 months, the Term Discount percentage as set forth in 17.4.8(A)(5) following will be frozen from Company initiated decreases for the entire discount period at the percent in effect at the beginning of the Term Discount period. (M)

Certain material currently found on this page previously appeared on 1st Revised Page 16-12.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.3 Optional Rate Plans (Cont'd)

(A) Term Discounts (Cont'd)

If a Term Discount Percentage increase occurs during the term of an existing Term Discount plan, the increased percentage will be applied automatically to the remainder of the current Term Discount period.

At the end of the Term Discount period, the customer may convert to month-to-month service or subscribe to a new Term Discount plan. If the customer does not make a choice by the end of the discount period, the rates will automatically convert to month-to-month service rates.

To be included in a Term Discount plan, all eligible FRAS rate elements must be ordered for the same commitment term (i.e., all 36 months or all 60 months) and with the same service date. When additional capacity is subsequently added, it will be available only on a month-to-month basis unless the discount period of the entire service is upgraded.

Eligible FRAS rate elements are those provided to a customer within the same state and LATA by the same Telephone Company. As long as the number of FRAS connections included in a Term Discount plan remains constant, customer requests to install and disconnect FRAS connections, including changes affecting different wire centers and/or customer designated premises, will not change the current Term Discount period or the minimum service period, and Discontinuance of Service charges as set forth in (3) following will not apply.

Certain material formerly found on this page now appears on Original Page 16-13.1.

ACCESS SERVICE (N)

16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.3 Optional Rate Plans (Cont'd)

(A) Term Discounts (Cont'd) (N)

(1) Upgrades in Term Discounts (M)

Services provided under month-to-month rates or Term Discount rates may be upgraded to a Term Discount plan at any time without incurring FRAS nonrecurring charges or discontinuance charges for existing services. The new Term Discount plan must meet or exceed the service term of the plan being upgraded. For example, a service with a 36 month commitment period may be upgraded to a new 36 month or 60 month service period. The monthly rates will be those that are in effect at the time the service is upgraded. A new minimum service period applies to all FRAS that is upgraded. (M)

Certain material currently found on this page previously appeared on 1st Revised Page 16-13.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.3 Optional Rate Plans (Cont'd)

(A) Term Discounts (Cont'd)

(2) Upgrades in Capacity

If the customer chooses to upgrade a service under the Term Discount plan to a higher capacity (e.g., from 56.0 kbps to 64.0 kbps or from 56.0 kbps or 64.0 kbps to 1.544 Mbps), discontinuance charges will not apply, provided all the following conditions are met:

- the customer's order for the disconnect of the existing service and the installation of the new service are received at the same time and specifically reference the application of upgrade in capacity,

- the customer's disconnect order for the existing service must reference the service installation order,

- the new service has a total capacity greater than the total capacity of the service being discontinued and,

- the new Term Discount period meets or exceeds the Term Discount period being discontinued.

A new minimum service period applies to all upgrades. A Frame Relay Access Connection nonrecurring charge for an equivalent capacity of the existing services being upgraded to the higher speed service will not be assessed. FRAC nonrecurring charges will not apply to the upgraded lower speed services placed on the higher speed service if requested at the same time as the upgrade request. Nonrecurring charges will apply for capacity that exceeds the existing equivalent capacity.

(x) Issued to reflect new corporate address.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.1 Frame Relay Access Service (Cont'd)

16.1.3 Optional Rate Plans (Cont'd)

(A) Term Discounts (Cont'd)

(2) Upgrades in Capacity (Cont'd)

Discontinuance charges will not apply should the customer choose to upgrade either a portion of or the entire FRAS under the Term Discount plan and move the service to a new customer location(s) within the same state and LATA where service is provided by the same Telephone Company.

(3) Discontinuance of Service

If the customer chooses to disconnect all or a portion of the service prior to the expiration of the Term Discount period, discontinuance charges will apply to the portion of the service being discontinued.

Should the customer choose to discontinue a Term Discount plan prior to the completion of the minimum service period, discontinuance charges will apply. Discontinuance charges equal to one-hundred percent of the total undiscounted monthly rates, less any amounts previously paid, will apply for the minimum service period. Additionally, discontinuance charges of fifteen percent of the total undiscounted monthly charges will apply to the remaining portion of the discount service term.

Should the customer choose to discontinue service ordered under a Term Discount plan after the minimum service period but before the completion of the discount period, discontinuance charges will apply. Discontinuance charges of fifteen percent of the total undiscounted monthly charges will apply to the remaining portion of the discount period. For example, a customer has a 1.544 Mbps Frame Relay Access Connection which it chooses to discontinue after 33 months into a 60-month service term. The discontinuance charge would be 0.15 times 27 months times the undiscounted monthly rates for that service.

(x) Issued to reflect new corporate address.

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service

16.2.1 General

Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) is a connection-oriented transport service that is based on Asynchronous Transfer Mode (ATM) technology using fixed length, 53-byte cells. ATM cells generated by ATM-compatible customer premises equipment (CPE) are transmitted through the Telephone Company's ATM-CRS network to a pre-specified destination.

ATM-CRS provides customers requiring high-speed data transport for bandwidth intensive data, voice or video applications with the ability to interconnect multiple locations using the Telephone Company's ATM-CRS network. The customer may use ATM-CRS to interconnect its customer designated premises (CDPs) served by the Telephone Company's ATM-CRS network, to interconnect its local area network (LAN) to the Telephone Company's ATM-CRS network and/or to interconnect its CDPs to an ATM network located outside of the Telephone Company's serving territory.

16.2.2 Service Description

ATM-CRS is provided using a combination of Ports, Virtual Paths and Virtual Circuit Channels. An ATM-CRS Port is required to provide the interface into the Telephone Company's ATM-CRS network. A Virtual Path (VP) is required to establish a transmission path between any two ATM-CRS Ports. Virtual Circuit Channels (VCCs) may be ordered from the Telephone Company to establish a communications path between any two CDPs or established by the customer using its own equipment.

Service is provided, where available, between CDPs and designated Telephone Company Serving Wire Centers (SWCs). ATM-CRS will be furnished where suitable facilities exist as determined by the Telephone Company. The Telephone Company will identify its ATM-CRS equipped Serving Wire Centers in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. No. 4. (N)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.2 Service Description (Cont'd)

Rates and charges for ATM-CRS are specified in Section 17.4.8(B), following. The Telephone Company specific rate band assignment for the ATM-CRS rate elements is specified in the Special Access (SPA) column in Section 17.5.1, following. The application of rates and charges for ATM-CRS is described later in this section. (T)

16.2.3 Obligations of the Customer

In addition to the regulations described in other sections of this tariff, the following provisions apply to ATM-CRS:

(A) The customer is responsible for providing the Telephone Company with the necessary information to provision ATM-CRS as specified in Section 5.2 Ordering Requirements, preceding.

(B) The customer is responsible for providing and maintaining all required customer premises equipment (CPE), which is compatible with ATM-CRS and complies with the standards specified in the following publications: The ATM Forum Technical Committee ATM User-Network Interface (UNI) Signalling Specification (Version 4.0), Private Network-Network Interface Specification (Version 1.0) and BISDN Inter Carrier Interface (B-ICI) Specification (Version 2.0). A customer ordering Ethernet-based ATM-CRS Ports is also responsible for ensuring that its CPE complies with the standards specified in Technical Reference IEEE Std. 802.3-2008, Part 3, Section 1, Clause 15 for 10BASE-F, Section 2, Clause 26 for 100BASE-F, and Section 3, Clauses 34 through 38 for 1000BASE-X connections. A customer ordering the ATM-CRS Port Internet Protocol (IP)Function is also responsible for ensuring that its CPE hands off IP packets to the Telephone Company’s ATM-CRS network in a format that complies with the standards specified in the Internet Engineering Task Force Request For Comments (RFC) 791 entitled “INTERNET PROTOCOL, DARPA Internet Program Protocol Specification” (September 1981) and RFC 1483 entitled “Multiprotocol Encapsulation over ATM Adaptation Layer 5” (July 1993).

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

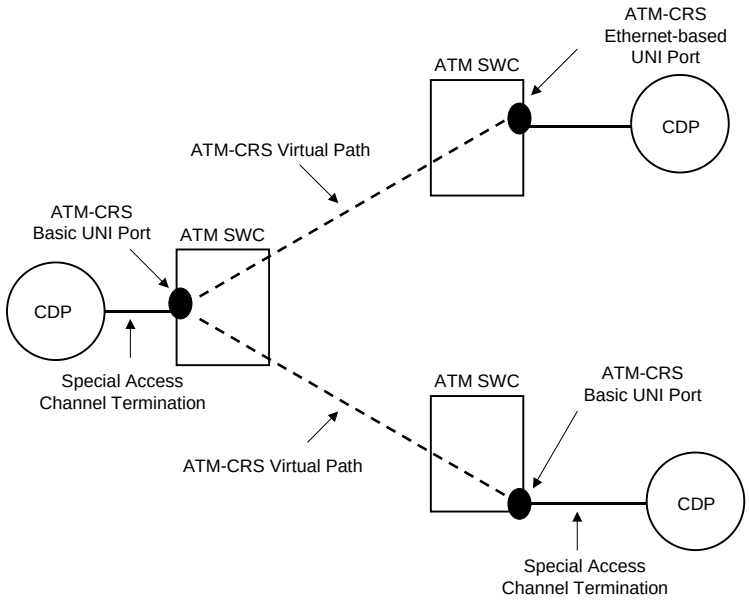
16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 Rate Regulations (T)

This section contains the regulations governing the rates and charges that apply for ATM-CRS. Regulations governing the rates and charges for Special, ADSL and/or SDSL Access Services provided under this tariff used in conjunction with ATM-CRS are as specified in Sections 7 and 8, preceding. (M)

The following diagrams depict generic views of the components of ATM-CRS. In the first figure, all of the customer's CDPs are served by ATM-CRS equipped SWCs. The ATM-CRS customer orders the applicable ATM-CRS components pursuant to the provisions specified in this section and the applicable Special Access Service components pursuant to the provisions specified in Section 7, preceding.

Figure 1



Certain material currently found on this page previously appeared on 1st Revised Page 16-17.

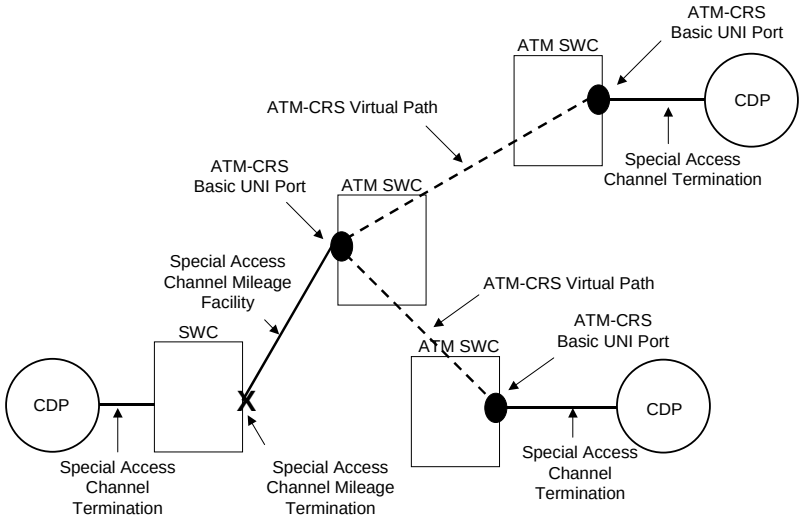
16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 Rate Regulations (Cont'd)

In the second figure, one of the customer's CDPs is not served by an ATM-CRS equipped SWC. The ATM-CRS customer orders the applicable ATM-CRS components pursuant to the provisions specified in this section and the applicable Special Access Service components pursuant to the provisions specified in Section 7, preceding.

Figure 2



(N)

ACCESS SERVICE

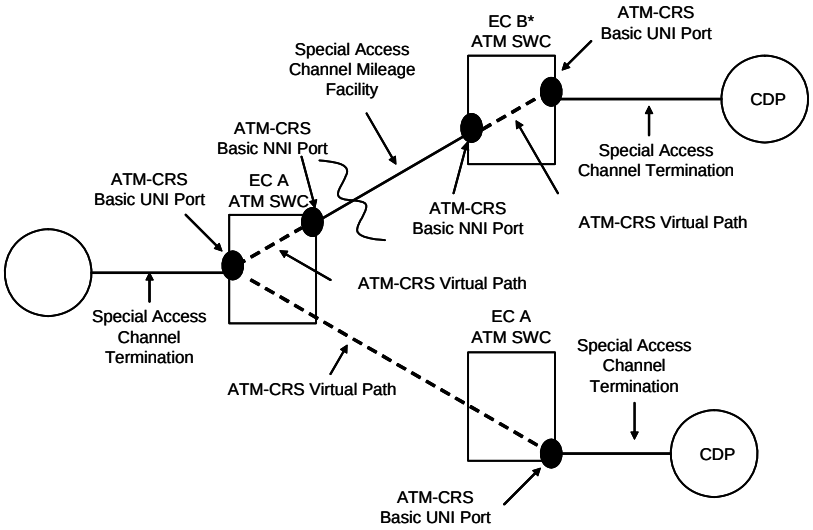
16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 Rate Regulations (Cont'd)

In the third figure, one of the customer's CDPs is served by another telephone company's ATM network. The ATM-CRS customer orders the applicable ATM-CRS components from the Telephone Company pursuant to the provisions specified in this section and the applicable Special Access Service components pursuant to the provisions specified in Section 7, preceding. In addition, the customer will order the applicable ATM and special access services components from the distant telephone company.

Figure 3



(T)

* IF EC B is a non-NECA company, the application of charges will depend on its access tariff.

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 Rate Regulations (Cont'd)

(A) Rate Categories

The various ATM-CRS service components are described below.

(1) ATM-CRS Ports

An ATM-CRS Port receives ATM cells from the customer's ATM-compatible CPE, validates the addressing parameters contained in the cell headers, and transmits the cells into the ATM-CRS network. The ATM-CRS Port also receives ATM cells from the Telephone Company's ATM-CRS network or from an ATM network located outside of the Telephone Company's serving territory, validates the addressing parameters contained in the cell headers, and transmits the cells to the pre-designated CDP.

ATM-CRS Ports are available with a User Network Interface (UNI) or a Network to Network Interface (NNI) as described below. Each ATM-CRS Port must be associated with a minimum of one ATM-CRS Virtual Path or DSL Access Service Connection optional function.

Interconnection of the Telephone Company's ATM-CRS network to another ATM network located outside of the Telephone Company's serving territory is provided using ATM-CRS Basic NNI ports and Telephone Company provided Special Access Services.

(a) Basic User Network Interface (UNI) Port

Basic UNI Ports provide a port only interface to the Telephone Company's ATM-CRS network and do not include the required transport facility between the CDP and the Telephone Company's SWC at which the basic UNI (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 (A) Rate Categories (Cont'd)

(1) ATM-CRS Ports (Cont'd)

(a) Basic User Network Interface (UNI) Port (Cont'd)

Port is located. Transport to connect the CDP with the basic UNI Port is provided using Telephone Company provided DS1 or DS3 High Capacity and/or OC3 or OC12 Synchronous Optical Channel Special Access Services as described in Sections 7.10 and 7.11, preceding. Basic UNI Ports are available at bandwidth speeds of 1.544 Mbps, 44.736 Mbps, 155.52 Mbps and 622.08 Mbps.

(b) Ethernet-based User Network Interface (UNI) Port

Ethernet-based UNI Ports are used to interconnect the customer's Ethernet-compatible CPE with the Telephone Company's ATM-CRS network and include the transport facility between the CDP and the Telephone Company's SWC, provided that the CDP is served by the SWC in which the Ethernet-based UNI Port is located. Ethernet-based UNI Ports are available at bandwidth speeds of up to 10 Mbps (i.e., 10BASE-F), up to 100 Mbps (i.e., 100BASE-F) and up to 1 Gbps (i.e., 1000BASE-X).

(c) Basic Network to Network Interface (NNI) Port

Basic NNI Ports provide a port only interface to the Telephone Company's ATM-CRS network and do not include the required transport facility between the CDP and the Telephone Company's SWC at which the basic NNI Port is located. Transport to connect the CDP with the basic NNI Port is provided using Telephone (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 (A) Rate Categories (Cont'd)

(1) ATM-CRS Ports (Cont'd)

(c) Basic Network to Network Interface (NNI) Port (Cont'd)

Company provided DS1 or DS3 High Capacity and/or OC3 or OC12 Synchronous Optical Channel Special Access Services as described in Sections 7.10 and 7.11, preceding. Basic NNI Ports are available at bandwidth speeds of 1.544 Mbps, 44.736 Mbps, 155.52 Mbps and 622.08 Mbps.

(d) Ethernet-based Network to Network Interface (NNI) Port

Ethernet-based NNI Ports are used to interconnect the customer's Ethernet-compatible CPE with the Telephone Company's ATM-CRS network and include a fiber only connection between the CDP and the Telephone Company's SWC, provided that the CDP is served by the SWC in which the Ethernet-based NNI Port is located. Ethernet-based NNI Ports are available at bandwidth speeds of up to 10 Mbps (i.e., 10BASE-F), up to 100 Mbps (i.e., 100BASE-F) and up to 1 Gbps (i.e., 1000BASE-X)

Monthly and nonrecurring charges apply for each ATM-CRS Port ordered. (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 (A) Rate Categories (Cont'd)

(2) ATM-CRS Virtual Paths

An ATM-CRS Virtual Path (VP) is a pre-defined, logical circuit established by the Telephone Company that is required to route ATM cells between any two ATM-CRS Ports located within the Telephone Company's ATM-CRS network. VPs may be established between two ATM-CRS UNI Ports, between an ATM-CRS UNI Port and an ATM-CRS NNI Port, or between two ATM–CRS NNI Ports. VPs are available in increments of 1 Mbps. The bandwidth capacity on a VP may not exceed the maximum bandwidth of the associated ATM-CRS Ports. In addition to specifying the bandwidth capacity required on its order, the customer must specify one of the following traffic routing prioritization parameters for each VP ordered.

(a) Constant Bit Rate (CBR)

CBR supports applications that require special network timing and minimal delay to ensure steady data flow of user information through the ATM-CRS network. Examples of applications requiring CBR include voice, some types of video and circuit emulation for higher speed special access services. CBR is the highest priority traffic on the network.

(b) Variable Bit Rate – real time (VBR-rt)

VBR-rt supports applications for which the data flow is bursty and requires low delay variance in ATM cell transmissions. Examples of applications requiring VBR-rt include voice and video. (N)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 (A) Rate Categories (Cont'd)

(2) ATM-CRS Virtual Paths (Cont'd)

(c) Variable Bit Rate – non real time (VBR-nrt)

VBR-nrt supports applications for which the data flow is bursty and variable delays in ATM cell transmissions can be tolerated. Examples of applications requiring VBR-nrt include file transfer, multimedia and computer aided design/computer aided manufacturing (CAD/CAM).

(d) Unspecified Bit Rate (UBR)

UBR supports applications for which the data flow is bursty and delay tolerant using "best effort" engineering. The Telephone Company will attempt to deliver all ATM cells received on a UBR VP, however, network congestion may result in a loss of ATM cells. Examples of applications requiring UBR include interactive data sessions, file transfers, monitoring and signaling.

Monthly and nonrecurring charges apply for each VP ordered. The monthly recurring charge is comprised of a fixed path charge and a variable bandwidth capacity charge, which is calculated based on the total bandwidth of the VP. For example assuming a Special Access (SPA) rate band assignment of 3, the monthly charge for a single 145 Mbps VBR-rt path would equal $1,715.83 ($3.38 fixed plus $11.81 per Megabit). (T)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 (A) Rate Categories (Cont'd)

(3) ATM-CRS Virtual Circuit Channels (VCCs)

An ATM-CRS Virtual Circuit Channel (VCC) is a pre-defined logical circuit used to route ATM cells between any two CDPs served by the Telephone Company's ATM-CRS network. VCCs may be established by the customer using its CPE or by the Telephone Company in its ATM-CRS network via the service order process.

Monthly and nonrecurring charges apply for each VCC ordered by the customer. Rates and charges specified in Section 17.4.8(B)(3), following, do not apply to VCCs established by the customer.

(4) Optional Features and Functions

(a) DSL Access Service Connection

Where available, ATM-CRS UNI and/or NNI Ports may be equipped with the DSL Access Service Connection function. This function provides for the interconnection of ATM-CRS with ADSL Access Service as described in Section 8.1, preceding, and with (C)
SDSL Access Service as described in (C)
Section 8.2, preceding, provided by the Telephone Company under this tariff. The function also provides for the interconnection of ATM-CRS with a wireline broadband Internet transmission service provided on a non-tariffed, common carrier basis. This optional function allows the ATM-CRS customer to receive ADSL, SDSL, and/or wireline broadband Internet transmission service data traffic from and transmit ADSL, SDSL, and/or wireline broadband Internet transmission service data traffic to

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 (A) Rate Categories (Cont'd)

(4) Optional Features and Functions (Cont'd)

(a) DSL Access Service Connection (Cont'd)

its end user customers using a UBR traffic routing prioritization parameter.

It is available only at Telephone Company designated DSL Access Service Connection Point SWCs located within the Telephone Company's serving territory or in the serving territory of another telephone company. The speed of the DSL Access Service Connection function ordered by the customer may not exceed the speed of the associated ATM-CRS Port. (C) (C)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 (A) Rate Categories (Cont'd)

(4) Optional Features and Functions (Cont'd)

(a) DSL Access Service Connection (Cont'd)

A nonrecurring charge applies per port to equip the ATM-CRS UNI or NNI Port with the DSL Access Service Connection function.

(i) A customer that requires a VBR-nrt traffic routing prioritization parameter may also order a DSL VCC between its CDP and the premises of its end user customer, provided such end user customer's premises is equipped with ADSL and/or SDSL Access Service provided by the Telephone Company under this tariff as described in Sections 8.1 and 8.2, preceding. Each DSL VCC is available with a maximum bandwidth capacity of 1 Mbps, however, the maximum speed to or from the ADSL and/or SDSL Access Service customer will not exceed the maximum peak speeds for the services as specified in Sections 8.1 and 8.2, preceding. The customer is responsible for specifying in its order the premises locations and number of DSL VCCs it wants established to each of its end user customers. Monthly and nonrecurring charges apply to each DSL VCC established by the Telephone Company. The DSL VCC charges apply in addition to the nonrecurring charge for equipping the ATM-CRS UNI or NNI Port with the DSL Access Service Connection function. (C) (C)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 (A) Rate Categories (Cont'd)

(4) Optional Features and Functions (Cont'd)

(a) DSL Access Service Connection (Cont'd)

(ii) Where suitable facilities exist, a customer that requires the ability to send high speed multimedia transmissions may also order a MultiMedia VCC (MM-VCC) between its CDP and the premises of its end user customer, provided such end user customer's premises is equipped with ADSL Access Service provided by the Telephone Company under this tariff as described in Section 8.1, preceding. The MM-VCC is available in increments of 1 Mbps, or 4 Mbps. The customer is responsible for specifying in its order the premises locations and the capacity of each MM-VCC. Transmission speed across the MM-VCC is not guaranteed and may be affected by factors that affect the actual speeds delivered, including the ADSL Access Service customer's distance from the Telephone Company Serving Wire Center, condition of the facilities, and any capacity limitations in the ATM-CRS customer's network design. Monthly and nonrecurring charges apply to each MM-VCC established by the Telephone Company. The MM-VCC charges apply in addition to the nonrecurring charge for equipping the ATM-CRS UNI or NNI Port with the DSL Access Service Connection function. (C)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 (A) Rate Categories (Cont'd)

(4) Optional Features and Functions (Cont'd)

(a) DSL Access Service Connection (Cont'd) (N)

(ii)(Cont'd)

When a customer elects to change the bandwidth capacity of an existing MM-VCC or to remove an existing MM-VCC from an associated ADSL Access Service line, the MM-VCC nonrecurring charge specified in Section 17.4.8(B)(4)(a)(iv), will not apply. In lieu of such charge, the MM-VCC Design Change Charge will apply, as specified in Section 16.2.4 (B)(2)(d), following.

When a customer disconnects a MM-VCC and the associated ADSL Access Service line at the same time, neither the MM-VCC nonrecurring charge or MM-VCC Design Change Charge will apply. (N)

Certain material formerly found on this page now appears on Original Page 16-27.1.2.

ACCESS SERVICE (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 (A) Rate Categories (Cont'd)

(4) Optional Features and Functions (Cont'd) (N)

(b) ATM-CRS Port Internet Protocol (IP) Function (M)

Where available, ATM-CRS UNI and/or NNI Ports may be equipped with the ATM-CRS Port Internet Protocol (IP) Function. This non-chargeable optional function allows the customer to transmit IP packets, which were formatted by the customer's CPE in conformance with the standards specified in the Internet Engineering Task Force Request For Comments (RFC) 791 entitled "INTERNET PROTOCOL, DARPA Internet Program Protocol Specification" (September 1981) and RFC 1483 entitled "Multiprotocol Encapsulation over ATM Adaptation Layer 5" (July 1993), through the Telephone Company's ATM-CRS network. Monthly and nonrecurring charges do not apply to the ATM-CRS Port IP Function. When this function is installed subsequent to the installation of the ATM-CRS Port or removed from an existing ATM-CRS Port, an Access Order Charge as specified in Section 17.4.1, following, will apply per order. (M)

Certain material currently found on this page formerly appeared on Original Page 16-27.1.1.

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 Rate Regulations (Cont'd) (N)

(B) Types of Rates and Charges (M)

There are two types of rates and charges. They are monthly rates and nonrecurring charges. The rates and charges are described below:

(1) Monthly Rates

Monthly rates are recurring rates that apply each month or fraction thereof that an ATM-CRS service component is provided. For billing purposes, each month is considered to have 30 days. (M)

Certain material currently found on this page formerly appeared on Original Page 16-27.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 (B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for ATM-CRS are installation of service, service rearrangements, moves and MM-VCC Design Changes. Except as specified below, these charges are in addition to the Access Order Charge as specified in Section 17.4.1, following. (C) (C)

(a) Installation of Service

Nonrecurring charges apply for installation of Ports, VPs, VCCs, and Optional Features and Functions ordered by the customer.

(b) Service Rearrangements

Service rearrangements are changes to existing (i.e., installed) services, which may be administrative only in nature as set forth below or, that involve an actual physical change to the service.

The VP nonrecurring charge will apply per VP to change the bandwidth capacity and/or to change the traffic routing prioritization parameter on an existing VP.

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 (B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(b) Service Rearrangements (Cont'd)

Administrative changes will be made without charge(s) to the customer. Administrative changes are as follows:

- Change of customer name,
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction

(c) Moves

A move involves a change in the physical location of one of the following:

- The Point of Termination at the customer's premises
- The customer's premises (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 (B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(c) Moves (Cont'd)

The charges for moving ATM-CRS service components are dependent on whether the move is to a different location within the same building, to a different building within the same SWC, or to a different building in a different SWC. The charges specified below apply in addition to any applicable charges for moving the associated Special Access Services as specified in Section 7.2.3, preceding.

(i) Moves Within the Same Building

Port only interfaces (i.e., Basic UNI/NNI Ports), VPs and VCCs are not impacted when a customer moves its Point of Termination to a different location within the same building. The charge for moving an Ethernet-based UNI or Ethernet-based NNI Port within the same building will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the port. There will be no change in the minimum period requirements.

(ii) Moves To a Different Building Within the Same SWC

Port only interfaces (i.e., Basic UNI/NNI Ports), VPs and VCCs are not impacted when a customer moves its Point of Termination to a different building within the same SWC. The move of an Ethernet-based UNI or Ethernet-based NNI Port will be treated as a (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 (B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(c) Moves (Cont'd)

(ii) Moves To a Different Building Within the Same SWC (Cont'd)

discontinuance and start of service. Associated nonrecurring (i.e., installation) charges will apply. New minimum period requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

(iii) Moves to a Different Building in a Different SWC

A move to a different building in a different SWC will be treated as a discontinuance and start of service of all associated ATM-CRS service components. Associated nonrecurring (i.e., installation) charges will apply. New minimum period requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service. (N)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.4 (B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(d) MM-VCC Design Changes

The MM-VCC Design Change Charge specified in Section 17.4.8(B)(4)(a)(v), following, will apply per MM-VCC, when the customer elects to change the bandwidth capacity of an existing MM-VCC or to remove an existing MM-VCC from an associated ADSL Access Service line. Access Order Charges will not apply when MM-VCC Design Change Charges are applicable.

(C) Minimum Periods

The minimum period for ATM-CRS service components provided to a customer and for which charges are applicable are:

- Twelve months for ATM-CRS Ports
- One month for ATM-CRS Virtual Paths and Virtual Circuit Channels

When a customer replaces its existing ATM-CRS service with a new Ethernet Transport Service provided pursuant to Section 16.3, following, the Telephone Company will waive any unsatisfied minimum period charges that may otherwise be applicable. (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.5 ATM-CRS Term Discount Plan

An optional term discount plan is available for Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS). Under the ATM-CRS Term Discount Plan, the monthly rates for eligible ATM-CRS service elements are reduced by a fixed percentage. The amount of the discount percentage differs based on the length of the term commitment period selected by the ATM-CRS customer.

ATM-CRS may be ordered at the customer's option on a month-to-month basis or, under a single term commitment period of either 36 months or 60 months. The customer must notify the Telephone Company in writing of the length of its selected term commitment period. For purposes of this plan, all ATM-CRS Basic User Network Interface (UNI), ATM-CRS Basic Network to Network Interface (NNI), ATM-CRS Ethernet-based UNI and ATM-CRS Ethernet-based NNI Ports included in a customer's ATM-CRS Term Discount Plan are referred to as committed ATM-CRS Ports. To be included in an ATM-CRS Term Discount Plan, all committed ATM-CRS Ports must be ordered for the same term commitment period (i.e., all 36 months or all 60 months) and remain in-service at the same bandwidth capacity throughout the entire term commitment period. ATM-CRS Ports installed after the establishment of the customer's ATM-CRS Term Discount Plan may be ordered on a month-to-month basis or added as additional committed ATM-CRS Ports to a customer's existing term commitment period as described in (A), below.

Access Order Charges as described in Section 5.4.1, preceding, do not apply to establish a new or make any changes to an existing ATM-CRS Term Discount Plan. (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.5 ATM-CRS Term Discount Plan (Cont'd)

The monthly rates for ATM-CRS service elements are set forth in Section 17.4.8(B), following. The term discount percentages for the ATM-CRS Term Discount Plan are set forth in Section 17.4.8(B)(5), following. The ATM-CRS Term Discount Plan is only available from those Telephone Companies listed in Section 17.3.10(A)(1), following.

The term discount percentage for the customer's selected term commitment period applies to all committed ATM-CRS Ports provided within the Telephone Company's operating territory. The term discount percentage also applies to the following eligible ATM-CRS elements when these elements are provided within the Telephone Company's operating territory and associated with a committed ATM-CRS Port: 1) ATM-CRS Virtual Paths (VPs); 2) ATM-CRS Virtual Circuit Channels (VCCs); 3) ATM-CRS Digital Subscriber Line VCCs (DSL VCCs); and 4) ATM-CRS MultiMedia VCCs (MM-VCCs). Since there are no bandwidth or in-service requirements for ATM-CRS VPs, ATM-CRS VCCs, ATM-CRS DSL VCCs and ATM-CRS MM-VCCs associated with committed ATM-CRS Ports under the ATM-CRS Term Discount Plan, customer ordered disconnects of or changes to the number or bandwidth capacities for these elements do not affect the customer's ATM-CRS Term Discount Plan.

The term discount percentage does not apply to: 1) ATM-CRS Ports ordered on a month-to-month basis; 2) ATM-CRS VPs, ATM-CRS VCCs, ATM-CRS DSL VCCs and ATM-CRS MM-VCCs that are not associated with a committed ATM-CRS Port; 3) ATM-CRS nonrecurring charges; and 4) special access services connected to an ATM-CRS Port. (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.5 ATM-CRS Term Discount Plan (Cont'd)

Except as specified in (A)-(C), below, discontinuance charges will apply when the customer fails to satisfy the term commitment period or the in-service requirements for its committed ATM-CRS Ports.

The term discount percentage set forth in Section 17.4.8(B)(5), following, will not be subject to Telephone Company initiated decreases during the customer's selected term commitment period.

If a term discount percentage increase occurs during the term of an existing ATM-CRS Term Discount Plan, the increased percentage will be applied automatically for the remainder of the customer's existing term commitment period.

At the end of the term commitment period, the customer may subscribe to a new ATM-CRS Term Discount Plan commitment period or revert to month-to-month rates. If the customer does not notify the Telephone Company in writing of its choice by the end of its existing term commitment period, the Telephone Company will automatically convert the customer's ATM-CRS billing to month-to-month rates. An Access Order Charge will not apply when a customer at the end of its existing term commitment period subscribes to a replacement ATM-CRS Term Discount Plan or reverts to month-to-month rates. (T)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.5 ATM-CRS Term Discount Plan (Cont'd)

(A) ATM-CRS Port Additions

An ATM-CRS Term Discount Plan customer will choose one of the following options when ordering a new ATM-CRS Port during its existing term commitment period:

(1) Add the new ATM-CRS Port to its existing ATM-CRS Term Discount Plan provided: 1) the customer commits to retain the newly installed ATM-CRS Port in-service at the same bandwidth capacity for the remainder of the existing term commitment period and 2) the ATM-CRS Port is being added before the last year of an existing term commitment period. The term commitment period of the customer's existing ATM-CRS Term Discount Plan will continue uninterrupted. During the last year of the commitment period, ATM-CRS Ports may not be added to an existing term commitment period.

(2) Order the new ATM-CRS Port on a month-to-month basis. No term discount percentage would apply to the newly installed ATM-CRS Port. The term commitment period of the customer's existing ATM-CRS Term Discount Plan will continue uninterrupted.

(3) Replace the existing ATM-CRS Term Discount Plan in its entirety with a new ATM-CRS Term Discount Plan as described in (C), below. (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.5 ATM-CRS Term Discount Plan (Cont'd)

(B) Committed ATM-CRS Port Replacements

(1) An ATM-CRS Term Discount Plan customer may disconnect a committed ATM-CRS Port before the end of its existing term commitment period and replace it with one or more newly installed committed ATM-CRS Port(s) without the application of a discontinuance charge as described in (D), below, provided: 1) the bandwidth capacity of the replacement committed ATM-CRS Port(s) is equal to or greater than the bandwidth capacity of the disconnected committed ATM-CRS Port; 2) the customer commits to retain the replacement committed ATM-CRS Port(s) in-service at the same bandwidth capacity for the remainder of the existing term commitment period; 3) the replacement committed ATM-CRS Port(s) is added to the existing term commitment before the last year of an existing term commitment period; and 4) the customer's orders for the disconnection of the originally committed ATM-CRS Port and installation of the replacement committed ATM-CRS Port(s) are submitted to the Telephone Company at the same time and include cross references as described in Section 5.2.7, preceding. (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.5 ATM-CRS Term Discount Plan (Cont'd)

(B) Committed ATM-CRS Port Replacements (Cont'd)

(2) If the bandwidth capacity of the newly installed committed ATM-CRS Port(s) is less than the bandwidth capacity of the disconnected committed ATM-CRS Port, the disconnected committed ATM-CRS Port will be subject to a discontinuance charge as described in (D), below. The newly installed port(s) can be added as a committed ATM-CRS Port to the existing term commitment period or ordered on a month-to-month basis as described in (A), above.

(3) Since newly installed ATM-CRS Ports cannot be added to an existing term commitment period during the last year of the commitment period, an existing committed ATM-CRS Port disconnected during the last year of the commitment period cannot be replaced as described in (B)(1), above. The disconnected committed ATM-CRS Port will be subject to a discontinuance charge as described in (D), below. During the last year of the term commitment period, newly installed ATM-CRS Ports can be ordered as described in (A), above. (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.5 ATM-CRS Term Discount Plan (Cont'd)

(B) Committed ATM-CRS Port Replacements (Cont'd)

(4) An ATM-CRS Term Discount Plan customer may disconnect a committed ATM-CRS Port before the end of its existing term commitment period and replace it with one or more newly installed committed ETS Port(s) added to the customer's existing ETS Term Discount Plan without the application of a discontinuance charge as described in (D), below, provided: 1) the bandwidth capacity of the replacement committed ETS Port(s) is equal to or greater than the bandwidth capacity of the disconnected committed ATM-CRS Port; 2) the term commitment period remaining in the customer's existing ETS Term Discount Plan meets or exceeds the number of months remaining in the customer's existing ATM-CRS Term Discount Plan; 3) the customer commits to retain the replacement committed ETS Port(s) in-service at the same bandwidth capacity for the remainder of the customer's existing ETS Term Discount Plan term commitment period; 4) the replacement committed ETS Port(s) is added to the customer's existing ETS Term Discount Plan term commitment before the last year of an existing term commitment period; and 5) the customer's orders for the disconnection of the originally committed ATM-CRS Port and installation of the replacement committed ETS Port(s) are submitted to the Telephone Company at the same time and include cross references as described in Section 5.2.7, preceding.

Terms and conditions for the ETS Term Discount Plan are specified in Section 16.3.5, following. (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.5 ATM-CRS Term Discount Plan (Cont'd)

(C) ATM-CRS Term Discount Plan Replacements

(1) The customer may replace an existing ATM-CRS Term Discount Plan in its entirety with a new ATM-CRS Term Discount Plan without the application of a discontinuance charge as described in (D), below, provided: 1) the term commitment period of the new ATM-CRS Term Discount Plan meets or exceeds the number of months remaining in the customer's existing ATM-CRS term commitment period and 2) the bandwidth capacity of the committed ATM-CRS Ports under the new ATM-CRS Term Discount Plan meets or exceeds the bandwidth capacity of the committed ATM-CRS Ports in the customer's existing ATM-CRS term commitment period. The term discount percentage applicable for the new ATM-CRS Term Discount Plan will apply on a going forward basis based on the customer's written request to establish a new ATM-CRS Term Discount Plan commitment period under this provision. (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.5 ATM-CRS Term Discount Plan (Cont'd)

(C) ATM-CRS Term Discount Plan Replacements (Cont'd)

(1) (Cont'd)

For example, a customer with an existing 36 month term commitment period and 30 Mbps of bandwidth capacity for its committed ATM-CRS Ports can replace that term commitment in its entirety with a new 36 month or 60 month term commitment period at any time during the existing term commitment period without the application of a discontinuance charge provided the bandwidth capacity of the customer's committed ATM-CRS Ports under the new term commitment period is at least 30 Mbps.

(2) When the term commitment period of a replacement ATM-CRS Term Discount Plan does not meet or exceed the number of months remaining in the customer's existing ATM-CRS Term Discount Plan commitment period, a discontinuance charge as described in (D), below, will apply. (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.5 ATM-CRS Term Discount Plan (Cont'd)

(C) ATM-CRS Term Discount Plan Replacements (Cont'd)

(3) When the term commitment period of the new ATM-CRS Term Discount Plan meets or exceeds the number of months remaining in the customer's existing ATM-CRS term commitment period, but the bandwidth capacity of the customer's committed ATM-CRS Ports under the new term commitment period is less than the bandwidth capacity of the committed ATM-CRS Ports under the customer's existing term commitment period, the following provisions will apply.

(a) When the total monthly undiscounted charges for the number and type of committed ATM-CRS Ports to be included in the customer's replacement ATM-CRS Term Discount Plan is equal to or greater than the total monthly undiscounted charges for the number and type of committed ATM-CRS Ports included in the customer's existing ATM-CRS Term Discount Plan, the customer will be permitted to replace its existing ATM-CRS Term Discount Plan without the application of either a discontinuance charge as described in (D), below, or a commitment shortfall charge as described in (b), below. (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.5 ATM-CRS Term Discount Plan (Cont'd)

(C) ATM-CRS Term Discount Plan Replacements (Cont'd)

(3) (Cont'd)

(b) When the total monthly undiscounted charges for the number and type of committed ATM-CRS Ports to be included in the customer's replacement ATM-CRS Term Discount Plan is less than the total monthly undiscounted charges for the number and type of committed ATM-CRS Ports included in the customer's existing ATM-CRS Term Discount Plan, the customer will be permitted to replace its existing ATM-CRS Term Discount Plan under this provision, however, a commitment shortfall charge will apply. The commitment shortfall charge will apply in lieu of a discontinuance charge as described in (D), below, and will be calculated as follows:

Step 1: Determine the difference between the total monthly undiscounted charges for the number and type of committed ATM-CRS Ports included in the customer's existing ATM-CRS Term Discount Plan and the total monthly undiscounted charges for the number and type of committed ATM-CRS Ports to be included in the customer's replacement ATM-CRS Term Discount Plan. (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.5 ATM-CRS Term Discount Plan (Cont'd)

(C) ATM-CRS Term Discount Plan Replacements (Cont'd)

(3)(b) (Cont'd)

Step 2: Multiply the result from Step 1 by 35%.

Step 3: Multiply the result from Step 2 times the number of months remaining in the existing term commitment period.

For example, a customer elects to replace its existing 36 month ATM-CRS Term Discount Plan in its entirety in the 30th month of the existing term commitment period with a new 36 month ATM-CRS Term Discount Plan. The existing term plan commitment includes a total bandwidth capacity requirement of 134.208 Mbps for the customer's three 44.736 Mbps committed ATM-CRS Basic UNI Ports. In the replacement ATM-CRS Term Discount Plan, the customer will only be including one 100 Mbps committed ATM-CRS Ethernet-based UNI Port. Although the customer satisfies the term commitment length replacement requirement with the new ATM-CRS Term Discount Plan, it does not satisfy the bandwidth capacity replacement requirement and the total monthly undiscounted charges under the new term commitment period are less than the total monthly undiscounted charges under the existing term commitment period. (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.5 ATM-CRS Term Discount Plan (Cont'd)

(C) ATM-CRS Term Discount Plan Replacements (Cont'd)

(3)(b) (Cont'd)

Using illustrative undiscounted monthly rates of $2,485.16 for a 44.736 Mbps ATM-CRS Basic UNI Port and $982.38 for a 100 Mbps ATM-CRS Ethernet-based UNI Port, the Telephone Company would bill the customer a commitment shortfall charge totaling $13,593.54 based on:

Step 1: $7,455.48(i.e., $2,485.16 x 3 ports) - $982.38 = $6,473.10
Step 2: $6,473.10 x 35% = $2,265.59
Step 3: $2,265.59 x 6 months = $13,593.54

(4) The customer may replace an existing ATM-CRS Term Discount Plan in its entirety with a new ETS Term Discount Plan without the application of a discontinuance charge as described in (D), below, provided: 1) the term commitment period of the new ETS Term Discount Plan meets or exceeds the number of months remaining in the customer's existing ATM-CRS term commitment period and 2) the bandwidth capacity of the committed ETS Ports under the new ETS Term Discount Plan meets or exceeds the bandwidth capacity of the committed ATM-CRS Ports in the customer's existing ATM-CRS term commitment period. The term discount percentage applicable for the new ETS Term Discount Plan will apply on a going forward basis based on the customer's written request to establish a new ETS Term Discount Plan commitment period under this provision. (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.5 ATM-CRS Term Discount Plan (Cont'd)

(C) ATM-CRS Term Discount Plan Replacements (Cont'd)

(4) (Cont'd)

When the term commitment period of a replacement ETS Term Discount Plan does not meet or exceed the number of months remaining in the customer's existing ATM-CRS Term Discount Plan commitment period, a discontinuance charge as described in (D), below, will apply.

Terms and conditions for the ETS Term Discount Plan are specified in Section 16.3.5, following.

(D) Discontinuance Charges

Except as provided for in (B) and (C), above, discontinuance charges will apply when: 1) the customer disconnects a committed ATM-CRS Port prior to the end of the term commitment period; 2) the customer disconnects a committed ATM-CRS Port prior to the end of the term commitment period and the replacement committed ATM-CRS or ETS Port(s) does not satisfy the requirements specified in (B), above; 3) the customer discontinues an existing ATM-CRS Term Discount Plan in its entirety prior to the end of the term commitment period; or 4) the customer replaces an existing ATM-CRS Term Discount Plan with a new ATM-CRS Term Discount Plan or new ETS Term Discount Plan that does not satisfy the requirements specified in (C), above. (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.5 ATM-CRS Term Discount Plan (Cont'd)

(D) Discontinuance Charges (Cont'd)

The discontinuance charge will be equal to 35% of the total undiscounted monthly rate for each committed ATM-CRS Port included in the customer's ATM-CRS Term Discount Plan for each month remaining in the unsatisfied term commitment period. Minimum service period charges as specified in Section 16.2.4(C), preceding, would also apply, if applicable.

The following examples illustrate how the Telephone Company will calculate the applicable discontinuance charge.

Example 1

A customer discontinues its existing ATM-CRS Term Discount Plan in its entirety in the 20th month of a 36 month term commitment period. The customer included three 100 Mbps committed ATM-CRS Ethernet-based UNI Ports when it established its initial term plan commitment.

Using an illustrative undiscounted monthly rate of $982.38 for a 100 Mbps ATM-CRS Ethernet-based UNI Port, the Telephone Company would bill the customer a term plan discontinuance charge totaling $16,503.84 (i.e., $982.38 x 35% x 3 ports x 16 months). (N)

16. Public Packet Data Network (Cont'd)

16.2 Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

16.2.5 ATM-CRS Term Discount Plan (Cont'd)

(D) Discontinuance Charges (Cont'd)

Example 2

A customer disconnects one of the four 10 Mbps committed ATM-CRS Ethernet-based UNI Ports included in its ATM-CRS Term Discount Plan in the 39th month of a 60 month term commitment period. The customer included all four of these ports when it established its initial term plan commitment.

Using an illustrative undiscounted monthly rate of $689.01 for a 10 Mbps ATM-CRS Ethernet-based UNI Port, the Telephone Company would bill the customer a port discontinuance charge totaling $5,064.15 (i.e., $689.01 x 35% x 21 months). (N)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service

16.3.1 General

Ethernet Transport Service (ETS) is a high speed data transport service that provides end-to-end transmission using Ethernet packet technology at transport speeds ranging from 2 Mbps to 10 Gbps, where available. ETS is ideal for transport of broadband multimedia traffic (i.e., voice, data and video) using variable length Ethernet packets with the ability to interconnect multiple locations using the Telephone Company's ETS network. Ethernet packets generated by Ethernet-compatible customer premises equipment (CPE) are transmitted using available capacity on shared transmission paths through the Telephone Company's ETS network to a pre-specified destination. The ETS customer may use ETS to: (1) interconnect customer designated premises (CDPs) served by the Telephone Company's ETS network, (2) interconnect with its local area network (LAN) to the Telephone Company's ETS network and/or (3) interconnect its CDPs to an Ethernet network located outside of the Telephone Company's serving territory. (C)

16.3.2 Service Description

ETS is provided using a combination of ETS Channel Terminations (ETS CTs), ETS Ports, ETS Ethernet Virtual Connections (ETS EVCs), ETS Extended Ethernet Virtual Connections (ETS E-EVCs) and ETS Interconnected Ethernet Virtual Connections (ETS I-EVCs). As described below, ETS may be used in conjunction with Special Access High Capacity DS3 and Synchronous Optical Channel Service OC3 and OC12 Services as specified in Section 7, preceding, and with DSL Access Services as specified in Section 8, preceding.

ACCESS SERVICE (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.2 Service Description (Cont'd) (N)

An ETS Port is required to provide the interface into the Telephone Company's ETS network. ETS EVCs establish a shared transmission path between any two ETS Ports on the Telephone Company's ETS network. ETS E-EVCs may be ordered to connect the Telephone Company's ETS network to an adjacent telephone company's Ethernet network. ETS I-EVCs may be ordered to connect the Telephone Company's ETS network to a non-adjacent telephone company's Ethernet network as described in Section 16.3.4(A)(5), below. (M) (M) (N) (N)

Certain material currently found on this page previously appeared on Original Page 16-33.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service

16.3.2 Service Description (Cont'd)

The transmission quality of ETS is not guaranteed and is offered to ETS customers at a best effort level. The Telephone Company will attempt to deliver all Ethernet packets received; however, network congestion may result in a loss of Ethernet packets. Transmission speeds using copper facilities may be affected by distance from the Telephone Company central office and other technical limitations in the Telephone Company's copper network and are also not guaranteed.

Service is provided, where available, between CDPs and designated Telephone Company Serving Wire Centers (SWCs). ETS will be furnished where suitable facilities exist as determined by the Telephone Company. The Telephone Company will identify its ETS-equipped Serving Wire Centers (SWCs) in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. No. 4.

Rates and charges for ETS are specified in Section 17.4.8(C), following. The Telephone Company specific rate band assignment for the ETS rate elements is specified in the Ethernet Transport Service (ETS) column in Section 17.5.1, following, or when applicable, as specified in Section 17.4.8(C)(9), following. The application of rates and charges for ETS is described later in this section. (C)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service

16.3.3 Obligations of the Customer

In addition to the regulations described in other sections of this tariff, the following provisions apply to ETS:

(A) The ETS customer is responsible for providing the Telephone Company with the necessary information to provision ETS as specified in Section 5.2 Ordering Requirements, preceding.

(B) The ETS customer is responsible for providing and maintaining all required CPE, which is compatible with ETS and complies with the standards specified in Technical Reference IEEE Standard 802.3-2008, Part 3, Sections 1 through 5. (T)

16. Public Packet Data Network (Cont'd)

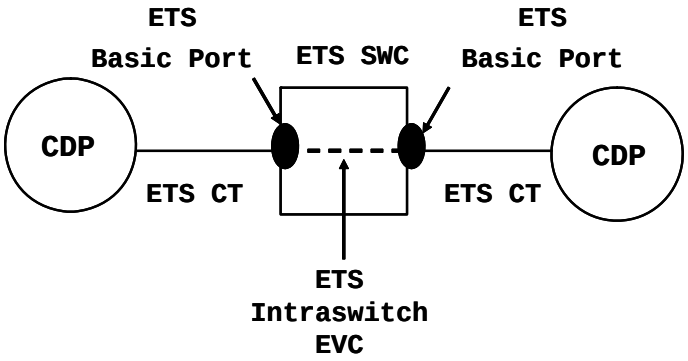
16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations

This section contains the regulations governing the rates and charges that apply for ETS. Regulations governing the rates and charges for Special Access and DSL Access Services provided under this tariff used in conjunction with ETS are as specified in Sections 7 and 8, preceding.

The following diagrams depict generic views of the elements of ETS. In the first figure, the ETS customer's CDPs are served by a single ETS SWC. ETS EVCs ordered between two ETS Ports in the same SWC are classified as ETS Intraswitch EVCs. The ETS customer orders the applicable ETS elements from the Telephone Company pursuant to the provisions specified in this section.

Figure 1



(N)

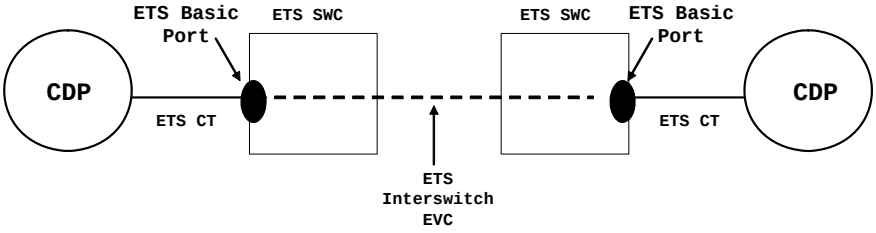
16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

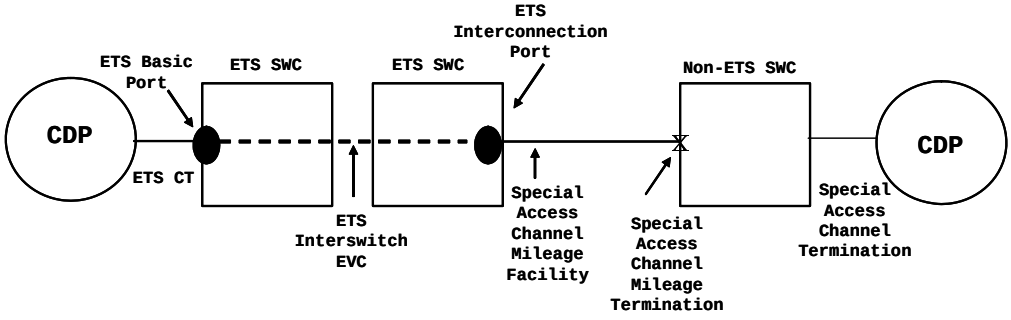
In the second figure, the ETS customer's CDPs are served by different ETS SWCs. ETS EVCs ordered between two ETS Ports in different SWCs are classified as ETS Interswitch EVCs. The ETS customer orders the applicable ETS elements from the Telephone Company pursuant to the provisions specified in this section.

Figure 2



In the third figure, one of the ETS customer's CDPs is served by a non-ETS SWC. The ETS customer orders the applicable ETS elements from the Telephone Company pursuant to the provisions specified in this section and the applicable Special Access facilities pursuant to the provisions specified in Section 7, preceding.

Figure 3



(N)

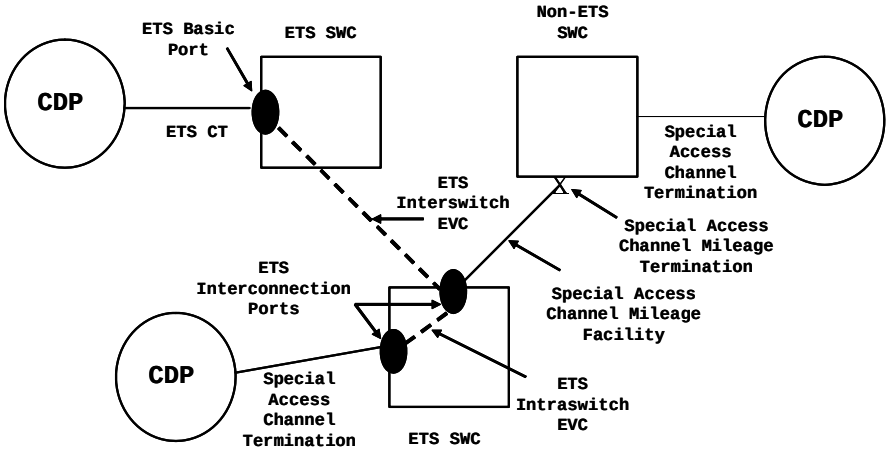
16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

In the fourth figure, a multipoint configuration is depicted where the customer chose to order Special Access Service to an ETS SWC. The ETS customer orders the applicable ETS elements from the Telephone Company pursuant to the provisions specified in this section and the applicable Special Access facilities pursuant to the provisions specified in Section 7, preceding.

Figure 4



(N)

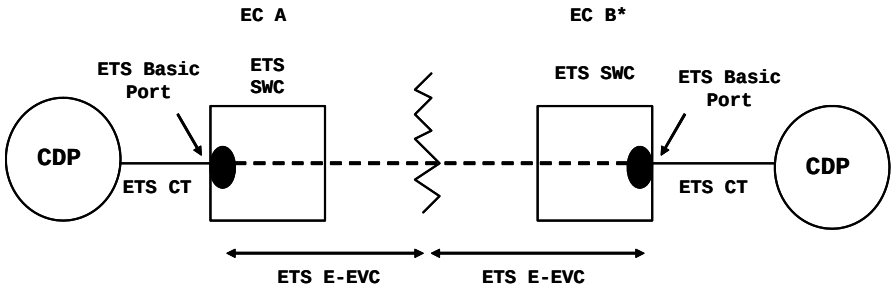
16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

In the fifth figure, one of the ETS customer's CDPs is served by an adjacent telephone company's Ethernet network. The ETS customer orders the applicable ETS elements from the Telephone Company pursuant to the provisions specified in this section. In addition, the ETS customer will order the applicable Ethernet service elements from the adjacent telephone company.

Figure 5



*** If EC B is a non-NECA company, the application of charges will depend on its access tariff** (N)

ACCESS SERVICE

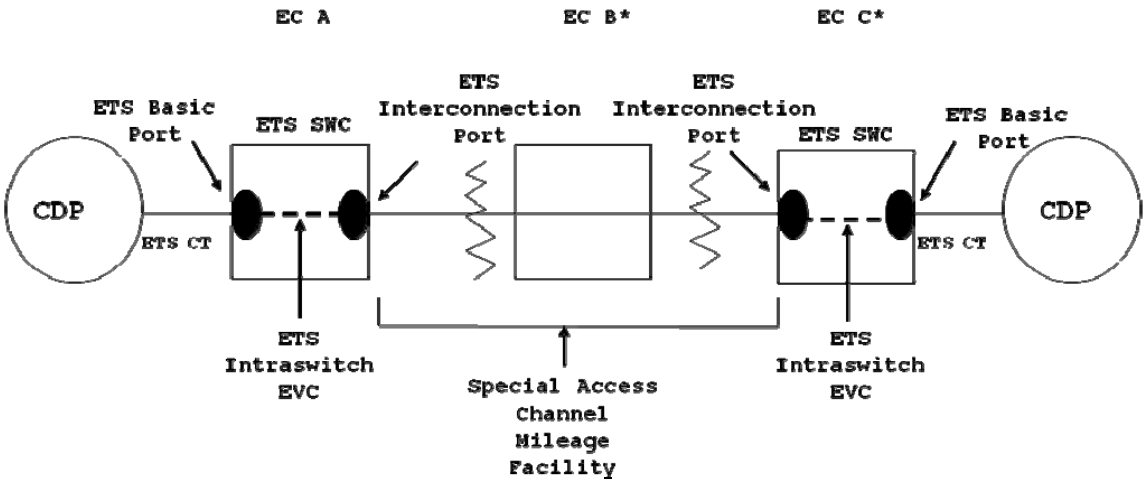
16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

In the sixth figure, one of the ETS customer's CDPs is served by a non-adjacent telephone company's Ethernet network. When the number of airline miles between the ETS SWCs serving the ETS customer's CDPs is greater than seventy-five, the ETS customer orders the applicable ETS elements from the Telephone Company pursuant to the provisions specified in this section and applicable Special Access facilities pursuant to the provisions specified in Section 7, preceding. In addition, the ETS customer will order the applicable special access service and Ethernet service elements from the interconnecting telephone companies. (C)

Figure 6



*** If EC B and C are non-NECA companies, the application of charges will depend on their access tariffs.**

ACCESS SERVICE

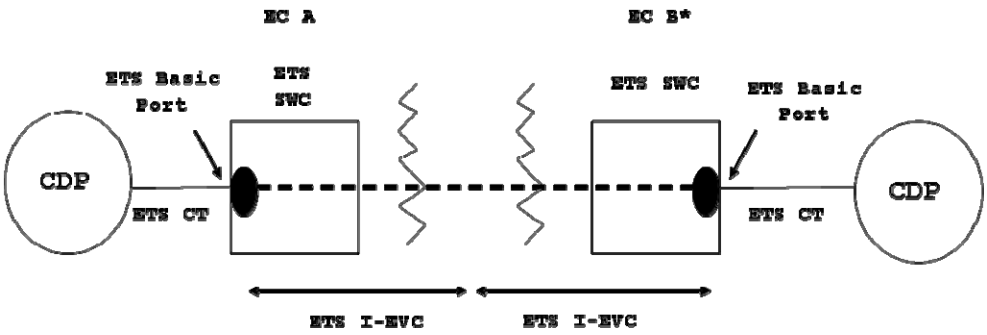
16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

In the seventh figure, one of the ETS customer's CDPs is served by a non-adjacent telephone company's Ethernet network. When the number of airline miles between the ETS SWCs serving the ETS customer's CDPs is equal to or less than seventy-five, the ETS customer orders the applicable ETS elements from the Telephone Company pursuant to the provisions specified in this section. In addition, the ETS customer will order the applicable Ethernet service elements from the non-adjacent telephone company. (C)

Figure 7



*** If EC B is a non-NECA company, the application of charges will depend on its access tariff.**

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories

The various ETS service elements are described below.

(1) ETS Channel Terminations (CTs)

An ETS CT provides the transport facility between the customer's designated premises and an ETS Basic Port at the Telephone Company's ETS SWC.

ETS CTs are available at bandwidth speeds of 2 Mbps, 5 Mbps, 10 Mbps, 20 Mbps, 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps, 750 Mbps, 1 Gbps, 2.5 Gbps, 5 Gbps, and (C)
10 Gbps. The ETS customer orders the type (C)
of ETS CT it needs based on its bandwidth requirements. Bandwidth speeds of 50 Mbps and above require use of a fiber loop facility, where such fiber facilities exist. ETS CTs are available only from suitably equipped ETS SWCs for connection to ETS Basic Ports.

A Special Access High Capacity DS3 or Synchronous Optical Channel Service OC3 or OC12 Channel Termination may also be used to connect a CDP to the Telephone Company's ETS SWC for connection to an ETS Interconnection Port. The provisions for Special Access Channel Terminations are specified in Section 7, preceding.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(1) ETS Channel Terminations (CTs) (Cont'd)

Monthly and nonrecurring charges apply for each ETS CT ordered. The monthly recurring rate and nonrecurring charge are based upon the bandwidth capacity ordered and whether the CDP is located within 300 feet of the ETS SWC or more than 300 feet from the ETS SWC. Rates and charges are specified in Section 17.4.8(C)(1), following, or when applicable, as specified in Section 17.4.8(C)(9), following. The Telephone Company specific rate band assignment for the ETS Channel Termination rate element is specified in the Ethernet Transport Service (ETS) column in Section 17.5.1, following, or when applicable, in Section 17.4.8(C)(9), following. (C) (C)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(2) ETS Ports

ETS Ports provide the interface at the Telephone Company's ETS SWC for data traffic to and from the customer premises equipment as well as for connecting the Telephone Company's ETS network with the Ethernet network of another telephone company. An ETS Port receives Ethernet packets from the ETS customer's Ethernet-compatible CPE, validates the addressing parameters contained in the packet headers, and transmits the packets into the ETS network. The ETS Port also receives Ethernet packets from the Telephone Company's ETS network or from an Ethernet network located outside of the Telephone Company's serving territory, validates the addressing parameters contained in the packet headers, and transmits the packets to the pre-designated CDP.

There are two types of ETS Ports available, i.e., ETS Basic Ports and ETS Interconnection Ports. (N)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(2) ETS Ports (Cont'd)

(a) ETS Basic Ports provide the interface to the Telephone Company's ETS network and do not include the required transport facility between the CDP and the Telephone Company's ETS SWC.

ETS Basic Ports are available with bandwidth speeds of 2 Mbps, 5 Mbps, 10 Mbps, 20 Mbps, 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps, 750 Mbps, 1 Gbps, 2.5 Gbps, 5 Gbps and 10 Gbps. Required transport to the ETS Basic Port is provided using an ETS CT as described above. Each ETS Basic Port must be associated with a minimum of one ETS EVC, one ETS E-EVC, one ETS I-EVC or one optional DSL Access Service Connection function. An ETS Basic Port may be associated with more than one ETS EVC, ETS E-EVC or ETS I-EVC. The bandwidth speed of an ETS Basic Port must be equal to or greater than the bandwidth speed of the associated ETS CT. The bandwidth speed of an optional DSL Access Service Connection function must be equal to the bandwidth speed of the associated ETS Basic Port. (T) (C)

ACCESS SERVICE (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(2) ETS Ports (Cont'd) (N)

(b) ETS Interconnection Ports also provide the interface to the Telephone Company's ETS network and do not include the required transport facility between the CDP and the Telephone Company's ETS SWC. Used in conjunction with Special Access DS3, OC3 and/or OC12 Services, ETS Interconnection Ports permit the ETS customer to: 1) connect a CDP served by an ETS or non-ETS SWC to the Telephone Company's ETS network or 2) interconnect the Telephone Company's ETS network to an Ethernet network located in the serving territory of a non-adjacent telephone company. (M) (M)

Certain material currently found on this page previously appeared on Original Page 16-42.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(2) ETS Ports (Cont'd)

ETS Interconnection Ports are available at bandwidth speeds of 44.736 Mbps (DS3), 155.52 Mbps (OC3) and 622.08 Mbps (OC12).

Required transport to the ETS Interconnection Port is provided using Special Access DS3, OC3 and/or OC12 Service facilities as described in Section 7, preceding. Each ETS Interconnection Port must be associated with a minimum of one ETS EVC, one ETS E-EVC, one ETS I-EVC or one optional DSL Access Service Connection function. An ETS Interconnection Port may be associated with more than one ETS EVC, ETS E-EVC or ETS I-EVC. The bandwidth speed of an ETS Interconnection Port must be equal to the bandwidth speed of the associated Special Access Service Channel Termination. The bandwidth speed of an optional DSL Access Service Connection function must be equal to the bandwidth speed of the associated ETS Interconnection Port.

Certain material previously found on this page now appears on Original Page 16-43.1.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(2) ETS Ports (Cont'd)

Monthly and nonrecurring charges apply for each ETS Port ordered. The monthly recurring rate and nonrecurring charge are determined by the capacity and type of ETS Port ordered. Rates and charges are specified in Section 17.4.8(C)(2), following, or when applicable, as specified in Section 17.4.8(C)(9), following. The Telephone Company specific rate band assignment for the ETS Port rate element is specified in the Ethernet Transport Service (ETS) column in Section 17.5.1, following, or when applicable, as specified in Section 17.4.8(C)(9), following. (C) (C)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(3) ETS Ethernet Virtual Connections (ETS EVCs)

ETS EVCs are logical associations established by the Telephone Company across a shared transmission path that allow the ETS customer to transmit packets between any two ETS Ports located on the Telephone Company's ETS network. ETS EVCs are available in fixed bandwidth amounts of 2 Mbps, 5 Mbps, 10 Mbps, 20 Mbps, 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps, 750 Mbps, (T)
1 Gbps, 2.5 Gbps, 5 Gbps and 10 Gbps. The (C)
Telephone Company will establish ETS EVCs based upon the bandwidth capacity specified by the ETS customer on its Access Order. When ETS EVCs are ordered between two ETS Ports in the same SWC, the ETS customer will be charged the ETS Intraswitch EVC rate. When ETS EVCs are ordered between ETS Ports that are in different SWCs within the Telephone Company's serving territory, the ETS customer will be billed the ETS Interswitch EVC rate.

An ETS customer may choose to order one or more Class of Service (CoS) levels on an existing ETS EVC or when ordering a new ETS EVC.

A CoS level provides priority routing of the ETS customer's traffic through the Telephone Company's network. When the customer orders a CoS level, the Telephone Company will configure its network equipment to recognize and transmit customer traffic according to the user priority value(s) populated by the ETS customer's CPE.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(3) ETS Ethernet Virtual Connections (ETS EVCs) (Cont'd)

A CoS level is available for use only on an ETS customer's ETS Intraswitch or Interswitch EVC when provided between two ETS Basic Ports located within the Telephone Company's serving territory. The CoS levels available for use with ETS are as described below: (C) (C)

- Real Time Class of Service/Quality of Service (RT CoS/QoS) supports applications that require minimal delay and low latency to facilitate steady data flow of user information through the ETS network. Examples of applications requiring a RT CoS/QoS level may include voice, high quality video, and circuit emulation for higher speed special access services. When ordered by the ETS customer, the Telephone Company's network will transport the customer's traffic across its network to meet the frame delay, inter frame delay variation and frame loss ratio parameters specified in the following Technical References: (C) (C) (C) (C) (C) (C)

  - IEEE Standard 802.1D-2004, Sections 7, 9, 17 and Annex G provided the customer's CPE populates the user priority value field with a value of 6 and (T)
  - Implementation Agreement MEF 23.1, January 2012, Table 7, Label H, Regional Performance Tier. (N) (N)

Certain material previously found on this page now appears on Original Page 16-44.1.1.

ACCESS SERVICE (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(3) ETS Ethernet Virtual Connections (ETS EVCs) (Cont'd) (N)

When the ETS customer's CPE populates its packets with a user priority value of 6, the Telephone Company will provide the highest level of priority routing through its network of those packets up to the RT CoS/QoS level bandwidth capacity ordered before routing any of the ETS customer's other packets received with a user priority value of less than 6. (M) (C) (M)

When one or more of the RT CoS/QoS performance criteria specified in the Technical References listed above is not met, the customer reports the performance failure to the Telephone Company and the performance failure does not result in a service interruption of the customer's ETS, the following provisions will apply in lieu of the credit allowance provisions for service interruptions specified in Section 2.4.4, preceding. (N)

- No credit will be applied for the performance failure when the Telephone Company restores the customer's service to the required RT CoS/QoS performance criteria levels within four hours after receipt of the trouble report from the customer or when the Telephone Company determines during its trouble investigation that the customer's equipment caused the performance failure. (N)

Certain material currently found on this page previously appeared on 1st Revised Page 16-44.1.

ACCESS SERVICE (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(3) ETS Ethernet Virtual Connections (ETS EVCs) (Cont'd)

- When the Telephone Company fails to restore the customer's service to the required RT CoS/QoS performance criteria levels within four hours after receipt of the trouble report and the trouble is found to be in the Telephone Company's network, the Telephone Company will provide the customer with a service credit equal to 144/1440 of the undiscounted monthly charges for the impacted ETS EVC(s) and associated RT CoS/QoS level(s) for the initial four hour period and for each subsequent fractional four hour period until the performance failure is resolved. The total service credits due under this provision during a single billing month may not exceed the total undiscounted monthly charges for the impacted ETS EVC(s) and associated RT CoS/QoS level(s). (N)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(3) ETS Ethernet Virtual Connections (ETS EVCs) (Cont'd)

- Near Real Time CoS (NRT CoS) supports applications for which the data flow requires low delay variance and can tolerate some latency in ETS packet transmissions. Examples of applications requiring a NRT CoS level may include priority business applications, multimedia transmissions and streaming video services. When ordered by the ETS customer, the Telephone Company's network will transport traffic as described in IEEE 802.1D-2004, Sections 7, 9, 17 and Annex G provided the ETS customer's CPE populates the user priority value field with a value of 3, 4 or 5. When the ETS customer's CPE populates its packets with a user priority value of 5, 4, or 3, the Telephone Company will provide priority routing through its network of those packets up to the NRT CoS level bandwidth capacity ordered before routing any of the ETS customer's other packets received with a user priority value of less than 3. Unless otherwise requested by the customer and agreed upon by the Telephone Company, NRT CoS level priority routing provides that: 1) packets received with a user priority value of 5 will receive higher priority routing through the Telephone Company's network than packets received with user priority values of 4 or 3 and 2) packets received with a user priority value of 4 will receive higher priority routing through the Telephone Company's network than packets received with a user priority value of 3. (T) (T) (T)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(3) ETS Ethernet Virtual Connections (ETS EVCs) (Cont'd)

When an ETS customer orders a CoS, it must specify the CoS level(s) needed, the total bandwidth capacity for each CoS level and the associated ETS EVC(s). The ETS customer may order a CoS level to be established at the same time as the associated ETS Intraswitch or Interswitch EVC is established. The ETS customer may also order a CoS level to be added to an existing associated ETS Intraswitch or Interswitch EVC.

An ETS customer may order multiple CoS levels for use on the same ETS EVC. The total bandwidth capacity ordered for all CoS levels associated with a single ETS EVC cannot exceed the bandwidth capacity of the ETS EVC. For example, an ETS customer with a 500 Mbps ETS Interswitch EVC between two 500 Mbps ETS Basic Ports could order 300 Mbps of NRT CoS and 200 Mbps of RT CoS/QoS. (T) (T)

The ETS customer's traffic will receive priority routing treatment up to the available bandwidth capacity of the CoS level ordered. Any ETS customer traffic received by the Telephone Company's network beyond the available bandwidth capacity of the CoS level(s) ordered will be transported by the Telephone Company's network at best effort.

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ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(3) ETS Ethernet Virtual Connections (ETS EVCs) (Cont'd)

If an ETS customer orders a CoS level with a bandwidth capacity that is less than the total bandwidth capacity of the associated ETS EVC, the remaining non-assigned capacity will be transported by the Telephone Company's network at best effort. For example, an ETS customer with a 100 Mbps ETS Interswitch EVC between two 100 Mbps ETS Basic Ports orders 70 Mbps of NRT CoS. (T)
If the ETS customer's CPE populates the user priority value field with a value of 3 and transmits at the full capacity of the ETS EVC, the Telephone Company's network would transport 70 Mbps of the ETS customer's traffic using NRT CoS routing treatment (T)
and the remaining non-assigned 30 Mbps at best effort.

The total bandwidth capacity of all CoS levels associated with one or more ETS EVCs connected to the same ETS Basic Port may not exceed the total bandwidth capacity available on that ETS Basic Port.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(3) ETS Ethernet Virtual Connections (ETS EVCs) (Cont'd)

When a CoS level has been established on an associated ETS EVC and the user priority value field is populated with a value that is equal to or less than the CoS level ordered, the Telephone Company's network will transport the ETS customer's traffic using the user priority value populated. For example, if an ETS customer has a 250 Mbps ETS Intraswitch EVC, orders 100 Mbps of RT CoS/QoS (i.e., associated with user priority value of 6) and transmits 250 Mbps of traffic with a user priority value of 3 populated (i.e., NRT CoS), the Telephone Company's network would transport 100 Mbps of the ETS customer's traffic using NRT CoS routing treatment and the remaining non-assigned 150 Mbps at best effort. (T)

When a CoS level has been established on an associated ETS EVC and the user priority value field is populated with a value greater than the CoS level ordered, the Telephone Company's network will transport the ETS customer's traffic using the user priority value of the CoS level ordered. For example, if an ETS customer has a 250 Mbps ETS Intraswitch EVC, orders 100 Mbps of NRT CoS (i.e., associated with user priority value 3, 4 or 5) and transmits 250 Mbps of traffic with a user priority value of 6 populated (i.e., RT CoS/QoS), the Telephone Company's network would transport 100 Mbps of the ETS customer's traffic using NRT CoS routing treatment and the remaining non-assigned 150 Mbps at best effort. (T)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(3) ETS Ethernet Virtual Connections (ETS EVCs) (Cont'd)

When a CoS level has been established on an associated ETS EVC and the user priority value field is not populated, the Telephone Company's network will transport the ETS customer's traffic at best effort.

When a CoS level has not been ordered for use on an associated ETS EVC, the Telephone Company's network will transport the ETS customer's traffic that transits the ETS EVC at best effort.

Monthly and nonrecurring charges apply for each ETS EVC ordered. The monthly recurring rate and nonrecurring charge are based upon the bandwidth capacity ordered and whether the associated ETS Ports are located within one SWC (Intraswitch) or between different SWCs (Interswitch). Rates and charges are specified in Section 17.4.8(C)(3), following, or when applicable, as specified in Section 17.4.8(C)(9), following. The Telephone Company specific rate band assignment for the ETS Ethernet Virtual Connection rate element is specified in the Ethernet Transport Service (ETS) column in Section 17.5.1, following, or when applicable, as specified in Section 17.4.8(C)(9), following. (C)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(3) ETS Ethernet Virtual Connections (ETS EVCs) (Cont'd)

A monthly recurring charge applies based on the total bandwidth capacity of each CoS level ordered and the type (i.e., Intraswitch or Interswitch) and bandwidth capacity of the associated ETS EVC. The monthly recurring charge is calculated by multiplying the applicable per megabit rate for the specified CoS level, which is based upon the type (i.e., Intraswitch or Interswitch) and bandwidth capacity of the associated ETS EVC, by the number of megabits ordered. Rates are specified in Sections 17.4.8(C)(3)(a) and (b), following, or when applicable, as specified in Section 17.4.8(C)(9), following. The Telephone Company specific rate band assignment for the ETS Class of Service rate element is specified in the Ethernet Transport Service (ETS) column in Section 17.5.1, following, or when applicable, in Section 17.4.8(C)(9), following. (C) (C)

As an example, an ETS customer with a single 100 Mbps ETS Interswitch EVC between two 100 Mbps ETS Basic Ports orders a total of 30 Mbps of NRT CoS. The monthly charge would be calculated by multiplying the per megabit rate for the NRT CoS level for the associated 100 Mbps ETS Interswitch EVC by 30. The monthly recurring charge for the CoS level in this example would apply in addition to the monthly recurring charges for the 100 Mbps ETS Interswitch EVC and two 100 Mbps ETS Basic Ports.

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(3) ETS Ethernet Virtual Connections (ETS EVCs) (Cont'd)

An Access Order Charge applies to establish the initial CoS level on an existing ETS EVC. Only one Access Order Charge would apply to establish multiple CoS levels on an existing ETS EVC with no existing CoS level on the same access order. An Access Order Charge does not apply to make CoS level changes on an existing ETS EVC that has at least one CoS level already established.

The ETS Design Change Charge will apply per ETS EVC, as described in Section 16.3.4(B)(2)(d), below, when an ETS customer elects to make one or more of the following changes on an existing ETS EVC that has at least one CoS level already established: (1) changing the bandwidth capacity of an existing CoS level; (2) adding an additional CoS level; (3) replacing one type of CoS level with another type of CoS level; or (4) removing an existing CoS level from the associated ETS EVC. (N)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(4) ETS Extended Ethernet Virtual Connections (ETS E-EVCS)

ETS E-EVCs are logical associations established by the Telephone Company across a shared transmission path that allow the ETS customer to transmit packets to and receive packets from an ETS Port located in the Telephone Company's ETS network to another telephone company's Ethernet network located in an adjacent serving territory. ETS E-EVCs can be established between two ETS Basic Ports, between two ETS Interconnection Ports or between an ETS Basic Port and an ETS Interconnection Port. ETS E-EVCs are available in fixed bandwidth amounts of 2 Mbps, 5 Mbps, 10 Mbps, 20 Mbps, 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps, 750 Mbps, (T)
1 Gbps, 2.5 Gbps, 5 Gbps and 10 Gbps. The (C)
Telephone Company will establish ETS E-EVCs based upon the bandwidth capacity specified by the ETS customer on its Access Order.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(4) ETS Extended Ethernet Virtual Connections (ETS E-EVCS) (Cont'd)

Monthly and nonrecurring charges apply for each ETS E-EVC ordered. The monthly recurring rate and nonrecurring charge are based upon the bandwidth capacity of the ETS E-EVC ordered. Rates and charges are specified in Section 17.4.8(C)(4), following, or when applicable, as specified in Section 17.4.8(C)(9), following. The Telephone Company specific rate band assignment for the ETS Extended Ethernet Virtual Connection rate element is specified in the Ethernet Transport Service (ETS) column (C) in Section 17.5.1, following, or when applicable, as specified in in Section 17.4.8(C)(9), following.

(5) ETS Interconnected Ethernet Virtual Connections (ETS I-EVCS)

ETS I-EVCs are logical associations established by the Telephone Company across a shared transmission path that allow the ETS customer to transmit packets to and receive packets from an ETS Port located in the Telephone Company's ETS network to another telephone company's Ethernet network located in a non-adjacent

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(5) ETS Interconnected Ethernet Virtual Connections (ETS I-EVCS) (Cont'd)

serving territory. ETS I-EVCs can only be used when the airline distance between the ETS SWCs serving the ETS customer's CDPs is seventy-five miles or less. When the airline distance is greater than seventy-five miles, the ETS customer will use a combination of ETS elements and Special Access Service elements as depicted in Figure 6, above, to connect to its CDP in the non-adjacent serving territory. The Telephone Company will determine the airline distance between the ETS SWCs using the V&H Coordinates method, as described in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

ETS I-EVCs can be established between two ETS Basic Ports, between two ETS Interconnection Ports or between an ETS Basic Port and an ETS Interconnection Port. ETS I-EVCs are available in fixed bandwidth amounts of 2 Mbps, 5 Mbps, 10 Mbps, 20 Mbps, 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps, 750 Mbps, 1 Gbps, (T)
2.5 Gbps, 5 Gbps and 10 Gbps. The (C)
Telephone Company will establish ETS I-EVCs based upon the bandwidth capacity specified by the ETS customer on its Access Order.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(5) ETS Interconnected Ethernet Virtual Connections (ETS I-EVCS) (Cont'd)

Monthly and nonrecurring charges apply for each ETS I-EVC based upon the bandwidth capacity ordered by the ETS customer and whether the airline distance between the ETS SWCs serving the ETS customer's CDPs is: 1) less than or equal to fifty miles or 2) between fifty-one and seventy-five miles. Rates and charges are specified in Section 17.4.8(C)(5), following, or when applicable, as specified in Section 17.4.8(C)(9), following. (C) (C)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (T)

(a) DSL Access Service Connection

Where available, ETS Basic or Interconnection Ports may be equipped with the DSL Access Service Connection function. The function provides for the interconnection of ETS with ADSL Access Service as described in Section 8.1, preceding, and with SDSL Access Service as described in Section 8.2, preceding, provided by the Telephone Company under this tariff. The function also provides for the interconnection of ETS with a wireline broadband Internet transmission service provided on a non-tariffed, common carrier basis. This optional function allows the ETS customer to receive ADSL, SDSL, and/or wireline broadband Internet transmission service data traffic from and transmit ADSL, SDSL, and/or wireline broadband Internet transmission service data traffic to its end user customers.

The speed of the DSL Access Service Connection function ordered by the ETS customer must equal the speed of the associated ETS Port.

Certain material previously found on this page now appears on 1st Revised Page 16-47.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(a) DSL Access Service Connection (Cont'd)

As described in Sections 8.1 and 8.2, preceding, the DSL Access Service Connection Point may be located within the serving territory of the Telephone Company, or in the serving territory of another telephone company when used in conjunction with ETS. (C)

The availability of the DSL Access Service Connection function is designated by the Telephone Company in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. No. 4.

A nonrecurring charge applies per port to equip the ETS Port with the DSL Access Service Connection function. Rates and charges are specified in Section 17.4.8(C)(6)(a)(i) and (ii), following, or when applicable, as specified in Section 17.4.8(C)(9), following.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(a) DSL Access Service Connection (Cont'd)

(i) Where suitable facilities exist, an ETS customer may also order an ETS MultiMedia Virtual Circuit Channel (ETS MM-VCC), available in 10 Mbps increments of bandwidth capacity, between its CDP and the premises of its end user customer. There are two types of ETS MM-VCCs available: (1) One-Way ETS MM-VCC and (2) Two-Way ETS MM-VCC. (C)

The One-Way ETS MM-VCC enables the ETS customer to send high speed multimedia transmissions to its end user customer's premises, provided such end user customer's premises is equipped with ADSL Access Service provided by the Telephone Company under this tariff as described in Section 8.1, preceding. One-Way ETS MM-VCCs are only available when the ETS customer's CDP, the ETS customer's end user customer's premises and the Telephone Company's DSL Access Service Connection Point SWC are all located within the serving territory of the Telephone Company. (C)

Certain material previously found on this page now appears on Original Page 16-48.2.

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(a)(i) DSL Access Service Connection (Cont'd)

The Two-Way ETS MM-VCC enables the ETS customer to send to and receive from its end user customer's premises high speed multimedia transmissions, provided such end user customer's premises is equipped with ADSL or SDSL Access Service provided by the Telephone Company under this tariff as described in Sections 8.1 and 8.2, preceding. Two-Way ETS MM-VCCs are only available for use: (1) with an ADSL or SDSL Access Service having both upstream and downstream transmission capabilities of 10 Mbps or greater and (2) when the ETS customer's CDP, the ETS customer's end user customer's premises and the Telephone Company's DSL Access Service Connection Point SWC are all located within the serving territory of the Telephone Company. The total transmission capacity for any ADSL or SDSL Access Service line using the Two-Way ETS MM-VCC option may not exceed 1 Gbps. (N)

ACCESS SERVICE (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(a)(i) DSL Access Service Connection (Cont'd) (N)

ETS MM-VCCs do not increase the bandwidth capacity of ETS CTs, ETS Ports, ETS EVCs and/or Special Access Service Channel Terminations, Channel Mileage Facility and Channel Mileage Terminations used by the ETS customer to connect its CDP to the DSL Access Service Connection Point SWC. (M) (M)

Certain material currently found on this page previously appeared on 1st Revised Page 16-48.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(a)(i) DSL Access Service Connection (Cont'd) (T)

Transmission speed across the ETS MM-VCC is not guaranteed and may be affected by factors that affect the actual speeds delivered, including the ADSL or SDSL Access Service customer's distance from the Telephone Company SWC, condition of the facilities, and any capacity limitations in the ETS customer's network design. (C)

At each premises at which the ETS customer wants to order an ETS MM-VCC, the ETS customer must specify on its Access Order: (1) its end user customer's premises location; (2) the type of ETS MM-VCC (i.e., one-way or two-way); and (3) the total number of 10 Mbps bandwidth capacity increments required to that location. For example, an ETS customer requires an additional 40 Mbps of bandwidth capacity to one of its SDSL end user customers to send and receive high speed multimedia transmissions. On its Access Order to the Telephone Company, the ETS customer would specify the end user customer's premises address and order one Two-Way ETS MM-VCC made up of four 10 Mbps increments. (C) (T) (C) (C) (C) (C)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(a)(i) DSL Access Service Connection (Cont'd)

In the above example, the Telephone Company would bill the ETS customer for one ETS MM-VCC nonrecurring charge. The monthly recurring rate for this Two-Way ETS MM-VCC would be calculated at four times the two-way 10 Mbps increment rate. (C)

Monthly and nonrecurring charges apply to each ETS MM-VCC established by the Telephone Company. As specified in Section 5.4.1, preceding, an Access Order Charge does not apply to establish an ETS MM-VCC. The ETS customer may order multiple ETS MM-VCCs to multiple end users' locations on a single Access Order. The applicable nonrecurring charge for each ETS MM-VCC established would apply. The ETS MM-VCC charges apply in addition to the nonrecurring charge for equipping the ETS Port with the DSL Access Service Connection function. Rates and charges are specified in Section 17.4.8(C)(6)(a)(iii), following, or when applicable, as specified in Section 17.4.8(C)(9), following. The Telephone Company specific rate band assignment for the ETS Multimedia Virtual Circuit Channel rate element is specified in the Ethernet Transport Service (ETS) column in Section 17.5.1, following, or when applicable, as specified in Section 17.4.8(C)(9), following. (C) (C) (C) (C)

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ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(a)(i) DSL Access Service Connection (Cont'd) (T)

The Telephone Company will waive the ETS MM-VCC monthly rate when the local exchange telephone service, ADSL or SDSL Access Service and ETS MM-VCC are provided from the same serving wire center where the Telephone Company has located its DSL Access Service Connection Point. The ETS MM-VCC nonrecurring charge will apply. (C)

When an ETS customer elects to change the bandwidth capacity of an existing ETS MM-VCC, remove an existing ETS MM-VCC from its associated ADSL or SDSL Access Service line, or convert from a One-Way ETS MM-VCC to a Two-Way ETS MM-VCC or vice versa, the ETS MM-VCC nonrecurring charge will not apply. In lieu of such charge, the ETS Design Change Charge will apply, as described in Section 16.3.4(B)(2)(d), following. (C) (C) (C)

When an ETS customer disconnects an ETS MM-VCC and the associated ADSL or SDSL Access Service line at the same time, neither the ETS MM-VCC nonrecurring charge nor the ETS Design Change Charge will apply. (C) (C)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(a) DSL Access Service Connection (Cont'd)

(ii) Where suitable facilities exist, an ETS customer that requires the ability to transmit and receive low speed data using virtual local area network tagged frames may also order an ETS Low Bit Rate Virtual Circuit Channel (ETS LBR-VCC) between its CDP and the premises of its end user customer, provided such end user customer's premises is equipped with ADSL or SDSL Access Service provided by the Telephone Company under this tariff as described in Sections 8.1 and 8.2, preceding. This optional function allows the customer to transmit and receive tagged frames which were formatted by the customer's CPE in conformance with the standards specified in Technical Reference, IEEE Std 802.1Q – 2005, Sections 5 through 12 and Annexes E and G. ETS LBR-VCCs are only available when the ETS customer's CDP, the ETS customer's end user premises and the Telephone Company's DSL Access Service Connection Point SWC are all located within the serving territory of the Telephone Company. ETS LBR-VCCs do not increase the bandwidth capacity of ETS CTs, ETS Ports, ETS EVCs and/or Special Access Service Channel Terminations, Channel Mileage Facility and Channel Mileage Terminations used by the ETS customer to connect its CDP to the DSL Access Service Connection Point SWC. (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(a) DSL Access Service Connection (Cont'd)

Transmission speed across the ETS LBR-VCC is not guaranteed and may be affected by factors that affect the actual speeds delivered, including the ADSL or SDSL Access Service customer's distance from the Telephone Company SWC, condition of the facilities, and any capacity limitations in the ETS customer's network design.

At each premises to which the ETS customer wants to transmit and receive low speed data using an ETS LBR-VCC, the ETS customer must specify on its Access Order its end user customer's premises location and the total number of 64 kbps bandwidth capacity increments required to that location. For example, an ETS customer requires an additional 128 kbps of bandwidth capacity to one of its end user customers. On its Access Order to the Telephone Company, the ETS customer would specify the end user customer premises address and order one ETS LBR-VCC made up of two 64 kbps increments. (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(a) DSL Access Service Connection (Cont'd)

In the above example, the Telephone Company would bill the ETS customer for one ETS LBR-VCC nonrecurring charge and one Access Order Charge. The monthly recurring rate for this ETS LBR-VCC would be calculated at two times the 64 kbps increment rate.

Monthly and nonrecurring charges apply to each ETS LBR-VCC established by the Telephone Company in addition to any applicable Access Order Charges specified in Section 5.4.1, preceding. The ETS customer may order multiple ETS LBR-VCCs to multiple end users' locations on a single Access Order, in which case only one Access Order Charge would apply for that order in addition to the applicable nonrecurring charge for each ETS LBR-VCC established. The ETS LBR-VCC charges apply in addition to the nonrecurring charge for equipping the ETS Port with the DSL Access Service Connection function. Rates and charges are specified in Section 17.4.8(C)(6)(a)(iv), following, or when applicable, as specified in Section 17.4.8(C)(9), following. (N)

ACCESS SERVICE (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(a) DSL Access Service Connection (Cont'd)

When an ETS customer elects to change the bandwidth capacity of an existing ETS LBR-VCC or to remove an existing ETS LBR-VCC from its associated ADSL or SDSL Access Service line, the ETS LBR-VCC nonrecurring charge will not apply. In lieu of such charge, the ETS Design Change Charge will apply, as described in (d), below.

When an ETS customer disconnects an ETS LBR-VCC and the associated ADSL or SDSL Access Service line at the same time, neither the ETS LBR-VCC nonrecurring charge nor the ETS Design Change Charge will apply. (N)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(b) ETS Port Protection

Where suitable facilities exist, an ETS customer that requires stand-by capability between an ETS Basic Port at the Telephone Company's ETS SWC and its CDP may order the ETS Port Protection feature. (C)

This feature establishes a stand-by ETS Basic Port, associated stand-by ETS CT and dedicated capacity to be activated should a failure occur in the Primary ETS Basic Port at the Telephone Company's ETS SWC or associated ETS CT between the CDP and the ETS SWC. The ETS switch will automatically redirect the ETS customer's traffic to the stand-by ETS Basic Port and associated stand-by ETS CT as well as to any EVC(s) (i.e., Intraswitch, Interswitch, Extended and/or Interconnected), assigned CoS levels, and, if applicable, the DSL Access Service Connection function, ETS MM-VCCs and ETS LBR-VCCs associated with the Primary ETS Basic Port. When ordered by the ETS customer, the Telephone Company's network will redirect traffic as described in IEEE 802.1D-2004, Section 17. (C)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(b) ETS Port Protection (Cont'd)

For purposes of this section, the Primary ETS Basic Port is the ETS Basic Port on which the customer orders the establishment of the ETS Port Protection feature. The stand-by ETS Basic Port provides the same functionality and bandwidth capacity as the Primary ETS Basic Port. The stand-by ETS CT provides the same functionality and bandwidth capacity as the associated ETS CT for the Primary ETS Basic Port.

In addition to any applicable Access Order Charges specified in Section 5.4.1, preceding, monthly and nonrecurring charges apply for each ETS Port Protection feature established on an existing or new Primary ETS Basic Port. The monthly and nonrecurring charges are based upon the bandwidth capacity of the Primary ETS Basic Port and whether the CDP is located within 300 feet of the ETS SWC or more than 300 feet from the ETS SWC. (C) | (C)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(b) ETS Port Protection (Cont'd)

Rates and charges are specified in Section 17.4.8(C)(6)(b), following, or when applicable, as specified in Section 17.4.8(C)(9), following. (M)

The ETS customer specifies on the order the Primary ETS Basic Port on which the ETS Port Protection feature is to be established. An Access Order Charge, per order, applies to establish the ETS Port Protection feature. When the ETS customer orders the ETS Port Protection feature at the same time as it orders the associated Primary ETS Basic Port, the Access Order Charge will not apply. The ETS customer may order the ETS Port Protection feature for multiple Primary ETS Basic Ports on a single Access Order, in which case only one Access Order Charge would apply for that order in addition to the applicable ETS Port Protection nonrecurring charge for each feature established on each Primary ETS Basic Port. (M)

Certain material currently found on this page previously appeared on Original Page 16-51.6.

Certain material previously found on this page can now be found on Original Page 16-51.8.

ACCESS SERVICE (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(b) ETS Port Protection (Cont'd) (N)

The ETS Port Protection feature will automatically be discontinued when the associated Primary ETS Basic Port is disconnected. Neither the ETS Port Protection nonrecurring charge nor the Access Order Charge applies for the discontinuance of the ETS Port Protection feature. (M)

When the ETS customer elects to increase the bandwidth capacity on an existing ETS Basic Port equipped with the ETS Port Protection feature, the ETS Design Change Charge, as described in Section 16.3.4(B)(2)(d), following, will apply per ETS Port Protection feature in lieu of the ETS Port Protection nonrecurring charge. (N)

Certain material currently on this page previously appeared on Original Page 16-51.7

ACCESS SERVICE (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(c) ETS Bandwidth Add-On (ETS BAO)

Where suitable facilities exist, an ETS customer that requires additional bandwidth capacity may order the ETS Bandwidth Add-On (ETS BAO) feature. This optional feature enables the ETS customer to order additional bandwidth capacity in 10 Mbps increments to be added to ETS Basic Ports, ETS CTs, ETS EVCs, ETS E-EVCs and ETS I-EVCs at the following speed options: 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps and 750 Mbps. The ETS BAO feature is only available on the above listed ETS rate elements and speed options when provided within the serving territory of the Telephone Company.

For each ETS BAO feature, the ETS customer may order one 10 Mbps increment or multiple 10 Mbps increments. The ETS BAO feature may be added to an eligible ETS rate element at the same time the underlying ETS rate element is initially installed or subsequently added to an existing ETS rate element. An ETS BAO feature would be ordered for each eligible ETS rate element and speed option combination based upon the ETS customer's bandwidth needs. (N)

ACCESS SERVICE (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(c) ETS Bandwidth Add-On (ETS BAO) (Cont'd)

When an ETS BAO feature is added at the same time as the underlying ETS rate element is initially installed, an Access Order Charge and nonrecurring charge associated with the underlying ETS rate element would apply. When an ETS BAO feature is subsequently added to an existing ETS rate element, an ETS Design Change Charge would apply per ETS BAO feature established by the Telephone Company as described in Section 16.3.4(B)(2)(d), below.

When ordering an ETS BAO feature, the ETS customer must specify on its Access Order: 1) each eligible ETS rate element and speed option combination to be supplemented using the ETS BAO feature and 2) the total number of 10 Mbps increments to be included in each ETS BAO feature. For example, an ETS customer requires an additional 20 Mbps of bandwidth capacity on its existing 50 Mbps ETS Interswitch EVC. On its Access Order to the Telephone Company, the ETS customer would identify the ETS Basic Ports between which the existing 50 Mbps ETS Interswitch EVC exists and order one ETS BAO feature made up of two 10 Mbps increments for that ETS EVC. (N)

ACCESS SERVICE (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(c) ETS Bandwidth Add-On (ETS BAO) (Cont'd)

In addition to the applicable monthly charge for the underlying ETS rate element, a monthly charge applies for each ETS BAO feature established by the Telephone Company. The monthly charge is based upon the total number of 10 Mbps increments included in each ETS BAO feature ordered by the ETS customer. For example, an ETS customer orders two ETS BAO features to provide an additional 50 Mbps of bandwidth capacity on its existing 100 Mbps ETS Basic Port and associated 100 Mbps ETS CT. In addition to the monthly charges for the underlying 100 Mbps ETS Basic Port and associated 100 Mbps ETS CT, the Telephone Company would bill the ETS customer one ETS BAO feature monthly charge equal to five times the 10 Mbps increment ETS BAO feature ETS Basic Port rate and a second ETS BAO feature monthly charge equal to five times the 10 Mbps increment ETS BAO feature ETS CT rate. The ETS customer would also be billed two ETS Design Change Charges for the two ETS BAO features established by the Telephone Company since the two ETS BAO features were being added to existing ETS rate elements. (N)

ACCESS SERVICE (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(c) ETS Bandwidth Add-On (ETS BAO) (Cont'd)

When an ETS customer adds an ETS BAO feature to an eligible ETS Basic Port equipped with the DSL Access Service Connection function and/or ETS Port Protection feature, the bandwidth capacity of the associated DSL Access Service Connection function and/or ETS Port Protection feature will be automatically supplemented by the bandwidth capacity ordered in the ETS BAO feature added to the underlying ETS Basic Port. The Telephone Company will only bill the ETS customer for the ETS BAO feature associated with the underlying ETS Basic Port.

As specified in Section 16.3.5, following, the ETS BAO feature is eligible for an ETS Term Discount Plan discount when the ETS BAO feature's underlying ETS rate element is associated with a committed ETS Port. Bandwidth capacity added to an eligible ETS Basic Port committed under the ETS Term Discount Plan using the ETS BAO feature does not change the ETS customer's term plan commitment on the originally committed ETS Basic Port. (N)

ACCESS SERVICE (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(6) Optional Features and Functions (Cont'd)

(c) ETS Bandwidth Add-On (ETS BAO) (Cont'd)

When an ETS customer elects to change the bandwidth capacity of an existing ETS BAO feature or remove an existing ETS BAO feature from its underlying ETS rate element, an ETS Design Change Charge will apply, as described in Section 16.3.4(B)(2)(d), below. When an ETS customer disconnects an underlying ETS rate element equipped with an ETS BAO feature, the ETS BAO feature is automatically disconnected and neither an Access Order Charge nor an ETS Design Change Charge will apply for the disconnected ETS rate elements.

Rates and charges are specified in Section 17.4.8(C)(6)(d), following, or when applicable, as specified in Section 17.4.8(C)(9), following. The Telephone Company specific rate band assignment for the ETS Bandwidth Add-On optional feature is specified in the Ethernet Transport Service (ETS) column in Section 17.5.1, following, or when applicable, as specified in Section 17.4.8(C)(9), following. (N)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(B) Types of Rates and Charges

There are two types of rates and charges. They are monthly rates and nonrecurring charges. The rates and charges are described below:

(1) Monthly Rates

Monthly rates are recurring rates that apply each month or fraction thereof when an ETS service element is provided. For billing purposes, each month is considered to have 30 days.

(2) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for ETS are installation of service, service rearrangements, moves and design changes.

Except as specified below, these charges are in addition to the Access Order Charge as specified in Section 17.4.1, following.

(a) Installation of Service

Nonrecurring charges apply for installation of ETS CTs, ETS Ports, ETS EVCs, ETS E-EVCs, ETS I-EVCs and ETS Optional Features and Functions ordered by the ETS customer. (C)

Certain material previously found on this page now appears on 1st Revised Page 16-53.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(b) Service Rearrangements

Service rearrangements are changes to existing (i.e., installed) services, which may be administrative only in nature as set forth below or, that involve an actual physical change to the service.

When the ETS customer elects to replace an existing ETS Port or ETS CT with a new ETS Port or ETS CT, with a lower bandwidth capacity element than the existing ETS element being replaced, the request will be considered a discontinuance of service for the former capacity and start of service for the new capacity. Associated nonrecurring (i.e., installation) charges will apply, including any nonrecurring charges for optional features and functions, if applicable. New minimum period requirements will be established for the new ETS elements. The ETS customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued ETS elements. (C) (C) (C) (C)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(b) Service Rearrangements (Cont'd)

When the ETS customer elects to replace an existing ETS Port or ETS CT with a new ETS Port or ETS CT with a higher bandwidth capacity element than the existing ETS element being replaced, the ETS Design Change Charge described in (d), below, will apply per new ETS element. New minimum period requirements will be established for the higher capacity ETS elements. Any outstanding minimum period charges associated with the lower capacity ETS elements being replaced that would otherwise be applicable as described in this paragraph will be waived. Nonrecurring charges will also be waived. (C) (C) (C) (C) (C)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(b) Service Rearrangements (Cont'd)

When the ETS customer elects to replace an existing ETS Basic Port equipped with the ETS Port Protection feature with a new ETS Basic Port equipped with the ETS Port Protection feature with a higher bandwidth capacity than the existing ETS Basic Port being replaced, an ETS Design Change Charge as described in (d), below, will apply for the new ETS Basic Port as described in the preceding paragraph and a second ETS Design Change Charge will apply per ETS Basic Port Protection feature in lieu of the ETS Port Protection nonrecurring charge. (C)

For example, if an ETS customer elected to replace its existing 50 Mbps ETS CT and 50 Mbps ETS Basic Port equipped with the ETS Port Protection feature with a new 100 Mbps ETS CT and 100 Mbps ETS Basic Port equipped with the ETS Port Protection feature, three ETS Design Change Charges would apply. (C)

When the ETS customer elects to replace an existing ETS EVC, ETS E-EVC, ETS I-EVC, ETS MM-VCC and/or ETS LBR-VCC with a new higher or lower bandwidth capacity ETS EVC, ETS E-EVC, ETS I-EVC, ETS MM-VCC and/or ETS LBR-VCC, respectively, the ETS Design Change Charge described in (d), below, will apply per ETS element changed. (C)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(b) Service Rearrangements (Cont'd)

When the ETS customer elects to remove existing ETS EVCs, ETS E-EVCs, and/or ETS I-EVCs, the ETS Design Change Charge described in (d), below, will apply per ETS EVC, ETS E-EVC or ETS I-EVC removed. (M)

The ETS Design Change Charge will apply per ETS EVC, as described in (d), below, when an ETS customer elects to make one or more of the following changes on an existing ETS EVC that has at least one CoS level already established: (1) changing the bandwidth capacity of an existing CoS level; (2) adding an additional CoS level; (3) replacing one type of CoS level with another type of CoS level; or (4) removing an existing CoS level from the associated ETS EVC. Only one ETS Design Change Charge will apply when more than one of the above changes is made to the same associated ETS EVC at the same time on the same access order. (M)

Certain material currently found on this page previously appeared on 4th Revised Page 16-54.

Certain material previously found on this page can now be found on Original Page 16-54.2.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(b) Service Rearrangements (Cont'd)

When the ETS customer elects to remove an existing ETS MM-VCC from its associated ADSL or SDSL Access Service line, the ETS Design Change Charge described in (d), below, will apply per ETS MM-VCC removed.

When the ETS customer elects to remove an existing ETS LBR-VCC from its associated ADSL or SDSL Access Service line, the ETS Design Change Charge described in (d), below, will apply per ETS LBR-VCC removed.

When the ETS customer elects to install an ETS BAO feature on an existing qualifying ETS Basic Port, ETS CT, ETS EVC, ETS E-EVC and/or ETS I-EVC as described in Section 16.3.4(A)(6)(c), preceding, the ETS Design Change Charge as described in (d), below, will apply per ETS BAO feature established. (N)

When the ETS customer elects to increase or decrease the bandwidth capacity on an existing ETS BAO feature associated with an underlying ETS Basic Port, ETS CT, ETS EVC, ETS E-EVC and/or ETS I-EVC, the ETS Design Change Charge as described in (d), below, will apply per ETS BAO feature changed.

When the ETS customer elects to remove an existing ETS BAO feature from its underlying ETS Basic Port, ETS CT, ETS EVC, ETS E-EVC and/or ETS I-EVC, the ETS Design Change Charge as described in (d), below, will apply per ETS BAO feature removed. (N)

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16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 (B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(b) Service Arrangements (Cont'd)

Administrative changes will be made without charge(s) to the ETS customer. Administrative changes are as follows:

- Change of customer name,
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction (N)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 (B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(c) Moves

A move involves a change in the physical location of one of the following:

- The Point of Termination at the customer's premises
- The customer's premises

The charges for moving ETS elements are dependent on whether the move is to a different location within the same building, to a different building within the same SWC, or to a different building in a different SWC. The charges specified below apply in addition to any applicable charges for moving any applicable Special Access Services as specified in Section 7.2.3, preceding.

(i) Moves Within the Same Building

ETS Basic and Interconnection Ports, ETS EVCs, ETS E-EVCs, and ETS I-EVCs are not impacted when an ETS customer moves its Point of Termination to a different location within the same building. The charge for moving an ETS CT within the same building will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the ETS CT. There will be no change in the minimum period requirements. (T) (C)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 (B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(c) Moves (Cont'd)

(ii) Moves To a Different Building Within the Same SWC

ETS Basic and Interconnection Ports, ETS EVCs, ETS E-EVCs and ETS I-EVCs are not impacted when an ETS customer moves its Point of Termination to a different building within the same SWC. The move of an ETS CT will be treated as a discontinuance and start of service. Associated nonrecurring (i.e., installation) charges will apply. New minimum period requirements will be established for the new services. The ETS customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

(iii) Moves to a Different Building in a Different SWC

A move to a different building in a different SWC will be treated as a discontinuance and

Certain material previously found on this page now appears on Original Page 16-57.1.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd) (M)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 (B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(c) Moves (Cont'd)

(iii) Moves to a Different Building in a Different SWC (Cont'd)

start of service of all associated ETS elements. Associated nonrecurring (i.e., installation) charges will apply, including the ETS Port Protection feature nonrecurring charge, if applicable. New minimum period requirements will be established for the new services. The ETS customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service. (C)(M) (C)(M) (M)

Certain material currently found on this page previously appeared on 1st Revised Page 16-57.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 (B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(d) ETS Design Changes

As described in (b), above, the ETS Design Change Charge specified in Section 17.4.8(C)(6)(a)(v), following, or when applicable, as specified in Section 17.4.8(C)(9), following, will apply when the ETS customer elects to: (1) replace an existing ETS EVC, ETS E-EVC,ETS I-EVC, ETS MM-VCC and/or ETS LBR-VCC with a new higher or lower bandwidth capacity ETS EVC, ETS E-EVC, ETS I-EVC, ETS MM-VCC and/or ETS LBR-VCC, respectively; (2) remove existing ETS EVCs, ETS E-EVCs, or ETS I-EVCs; (3) remove an existing ETS MM-VCC from its associated ADSL or SDSL Access Service line; (4) remove an existing ETS LBR-VCC from its associated ADSL or SDSL Access Service line; (5) replace an existing ETS Port or ETS CT with a new ETS Port or ETS CT with a higher bandwidth capacity element than the existing ETS element being replaced; (6) convert an existing One-Way ETS MM-VCC to a Two-Way ETS MM-VCC or vice versa; (7) add an ETS BAO feature to an existing ETS Basic Port, ETS CT, ETS EVC, ETS E-EVC and/or ETS I-EVC; (8) increase or decrease the bandwidth capacity on an existing ETS BAO feature associated with an underlying ETS Basic Port, ETS CT, ETS EVC, ETS E-EVC and/or ETS I-EVC; or (9) remove an existing ETS BAO feature from its underlying ETS Basic Port, ETS CT, ETS EVC, ETS E-EVC and/or ETS I-EVC. (C) (C) (C) (C) (N) (N)

Certain material previously found on this page now appears on 1st Revised Page 16-58.1.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 (B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(d) ETS Design Changes (Cont'd)

The ETS Design Change Charge will apply per ETS EVC when the ETS customer elects to: (1) change the bandwidth capacity of an existing CoS level; (2) add an additional CoS level; (3) replace one type of CoS level with another type of CoS level; or (4) remove an existing CoS level from the associated ETS EVC. Only one ETS Design Change Charge will apply when more than one of the above changes is made to the same associated ETS EVC at the same time on the same access order. (M)

When applicable, the ETS Design Change Charge applies in lieu of the ETS EVC, ETS E-EVC, ETS I-EVC, ETS MM-VCC or ETS LBR-VCC nonrecurring charge.

The Access Order Charge will not apply when the ETS Design Change Charge is applicable.

(C) Minimum Periods

The minimum period for ETS service elements provided to an ETS customer and for which charges are applicable is:

- Twelve months for ETS Basic Ports, ETS Interconnection Ports, ETS Channel Terminations and

- One month for all other ETS elements.

Certain material currently found on this page previously appeared on 6th Revised Page 16-58.

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(D) Mixed Use

Mixed use refers to a rate applicable when the customer orders Ethernet Transport Service between its CDP and an ETS-equipped SWC when the same customer also orders a portion of the available bandwidth capacity on its ETS Basic Port at that SWC as Ethernet Switched Access Local Transport (ESALT).

Mixed use is only available at SWCs designated by the Telephone Company in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. No. 4 as being both ETS and ESALT equipped.

Where suitable facilities exist, mixed use arrangements are available when provided by the Telephone Company within its serving territory and when jointly provided by the Telephone Company with another telephone company in an adjacent or non-adjacent serving territory as described for ESALT in Section 6.1, preceding.

Mixed use arrangements are not available when the customer uses ETS Interconnection Ports and associated Special Access Services. Mixed use arrangements are also not available when jointly provided with another telephone company in a non-adjacent serving territory where the number of miles between the ETS SWC serving the customer's CDP and the ESALT SWC is greater than 75 airline miles. (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(D) Mixed Use (Cont'd)

The initial facilities between the CDP and ETS-equipped SWC will be ordered, provided and rated as ETS (e.g., including where applicable based on its configuration, ETS Basic Ports, ETS Channel Terminations, ETS EVCs, optional features, etc.). The nonrecurring charges that apply when these components are installed will be the nonrecurring charges associated with the applicable ETS rate elements as specified in Section 17.4.8, following.

Rating as ETS will continue until such time as the customer places an order to activate a portion of the available ETS bandwidth capacity for use as ESALT. It is at this point the ETS facilities between the CDP and ETS-equipped SWC become mixed use subject to the following provisions.

As specified in Section 6.1, preceding, ESALT is available in increments of 2 Mbps, 10 Mbps and 50 Mbps. As each 2 Mbps, 10 Mbps or 50 Mbps increment of capacity on the customer's ETS Basic Port is activated for use as ESALT, the monthly rates for the applicable ETS rate elements for the shared mixed use facilities between the ETS/ESALT SWC and the CDP, excluding the monthly rate for the ETS Port Protection feature, will be reduced by a factor reflecting the capacity used for ESALT divided by the total capacity available on the mixed use facilities. The monthly rates for the ETS Port Protection feature and for other non-shared ETS rate elements used between the ETS/ESALT SWC and other locations will not be reduced by this adjustment factor. (N)

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16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(D) Mixed Use (Cont'd)

For example, the customer orders 10 Mbps on its existing 100 Mbps ETS Basic Port, 100 Mbps ETS Channel Termination and ETS Port Protection feature activated for use as ESALT at the ETS/ESALT SWC serving the CDP. In this example, the adjustment factor used would be 10% (i.e., 10 Mbps/100 Mbps), which would be applied to the undiscounted monthly rates for the 100 Mbps ETS Basic Port and the 100 Mbps ETS Channel Termination. This adjustment factor would not be applied to the monthly rate for the ETS Port Protection feature or to any other non-shared ETS rate elements ordered by the customer to connect to other locations.

If the ETS monthly charges for the shared mixed use facilities are subject to an ETS Term Discount Plan discount as set forth in Section 16.3.5, following, the ETS monthly charges for the shared ETS facilities will be reduced to reflect mixed use before any ETS Term Discount Plan discount is applied.

Switched Access Service rates and charges, as set forth in Section 17.2, following, will apply for each 2 Mbps, 10 Mbps or 50 Mbps increment of capacity on the customer's ETS Basic Port activated for use as ESALT. The Switched Access Service monthly rates for the ESALT components activated on shared mixed use ETS facilities will not be reduced to reflect mixed use and are not subject to any ETS Term Discount Plan discount. (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.4 Rate Regulations (Cont'd)

(D) Mixed Use (Cont'd)

When the customer orders the activation of capacity of its existing ETS for use as ESALT, the customer must provide the information specified in Section 5.2.1(G), preceding, on its order. In addition to the applicable ESALT nonrecurring charges for the service components ordered, an Access Order Charge will apply per order. The customer may order multiple increments of capacity for use as ESALT on the same access order, in which case only one Access Order Charge will apply.

When the customer orders both ETS and ESALT installed at the same ETS/ESALT SWC at the same time, the Telephone Company will waive the Access Order Charge and associated ESALT nonrecurring charges that would otherwise apply for the service components ordered on the ESALT order provided the customer's ESALT and ETS orders cross reference each other. An Access Order Charge and associated ETS nonrecurring charges will apply for the service components ordered on the ETS order. (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan

An optional term discount plan is available for Ethernet Transport Service (ETS). Under the ETS Term Discount Plan, the monthly rates for eligible ETS service elements are reduced by a fixed percentage. The amount of the discount percentage differs based on the length of the term commitment period selected by the ETS customer.

ETS may be ordered at the customer's option on a month-to-month basis or, under a single term commitment period of either 36 months or 60 months. The customer must notify the Telephone Company in writing of the length of its selected term commitment period. For purposes of this plan, all ETS Basic and ETS Interconnection Ports included in a customer's ETS Term Discount Plan are referred to as committed ETS Ports. To be included in an ETS Term Discount Plan, all committed ETS Ports must be ordered for the same term commitment period (i.e., all 36 months or all 60 months) and remain in-service at the same bandwidth capacity throughout the entire term commitment period. ETS Ports installed after the establishment of the customer's ETS Term Discount Plan may be ordered on a month-to-month basis or added as additional committed ETS Ports to a customer's existing term commitment period as described in (A), below.

Access Order Charges as described in Section 5.4.1, preceding, do not apply to establish a new or make any changes to an existing ETS Term Discount Plan. (N)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

The monthly rates for ETS service elements are set forth in Sections 17.4.8(C)(1) through (C)(6), following, or when applicable, as specified in Section 17.4.8(C)(9), following. The term discount percentages for the ETS Term Discount Plan are set forth in Section 17.4.8(C)(7), following. The ETS Term Discount Plan is only available from those Telephone Companies listed in Section 17.3.10(A)(1), following.

The term discount percentage for the customer's selected term commitment period applies to all committed ETS Ports provided within the Telephone Company's operating territory. The term discount percentage also applies to the following eligible ETS elements when these elements are provided within the Telephone Company's operating territory and associated with a committed ETS Port: 1) ETS Channel Terminations (ETS CTs); 2) ETS Ethernet Virtual Connections (ETS EVCs) and associated Class of Service (CoS) levels, where applicable; 3) ETS Extended Ethernet Virtual Connections (ETS E-EVCs); 4) ETS Interconnected Ethernet Virtual Connections (ETS I-EVCs); 5) ETS MultiMedia Virtual Circuit Channels (ETS MM-VCCs); 6) ETS Low Bit Rate Virtual Circuit Channels (ETS LBR-VCCs); 7) the ETS Bandwidth Add-On (ETS BAO) feature; (C)
and 8) the ETS Port Protection feature. Since there (C)
are no bandwidth or in-service requirements for ETS CTs, ETS EVCs, ETS E-EVCs, ETS I-EVCs, ETS MM-VCCs, ETS LBR-VCCs, ETS BAO features and ETS Port Protection (C)
features associated with committed ETS Ports under the (C)
ETS Term Discount Plan, customer ordered disconnects of or changes to the number or bandwidth capacities for these elements do not affect the customer's ETS Term Discount Plan.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

The term discount percentage does not apply to: 1) ETS Ports ordered on a month-to-month basis; 2) ETS CTs, ETS EVCs and associated CoS levels, where applicable, ETS E-EVCs, ETS I-EVCs, ETS MM-VCCs, ETS LBR-VCCs, (T)
ETS BAO features, and ETS Port Protection features (C)
that are not associated with a committed ETS Port; 3) ETS nonrecurring charges; and 4) special access services connected to an ETS Interconnection Port.

Except as specified in (A)-(C), below, discontinuance charges will apply when the customer fails to satisfy the term commitment period or the in-service requirements for its committed ETS Ports.

The term discount percentage set forth in Section 17.4.8(C)(7), following, will not be subject to Telephone Company initiated decreases during the customer's selected term commitment period.

If a term discount percentage increase occurs during the term of an existing ETS Term Discount Plan, the increased percentage will be applied automatically for the remainder of the customer's existing term commitment period.

At the end of the term commitment period, the customer may subscribe to a new ETS Term Discount Plan commitment period or revert to the undiscounted monthly rates and nonrecurring charges specified in Sections 17.4.8(C)(1) through (C)(6), following. If the customer does not notify the Telephone Company in writing of its choice by the end of its existing term commitment period, the Telephone Company will automatically convert the customer's ETS billing to the undiscounted monthly rates and nonrecurring charges specified in Sections 17.4.8(C)(1) through (C)(6), following. An Access Order Charge will not apply when a customer at the end of its existing term commitment period subscribes to a replacement ETS Term Discount Plan or reverts to month-to-month rates.

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

(A) ETS Port Additions

An ETS Term Discount Plan customer will choose one of the following options when ordering a new ETS Port during its existing term commitment period:

(1) Add the new ETS Port to its existing ETS Term Discount Plan provided: 1) the customer commits to retain the newly installed ETS Port in-service at the same bandwidth capacity for the remainder of the existing term commitment period and 2) the ETS Port is being added before the last year of an existing term commitment period. The term commitment period of the customer's existing ETS Term Discount Plan will continue uninterrupted. During the last year of the commitment period, ETS Ports may not be added to an existing term commitment period.

(2) Order the new ETS Port on a month-to-month basis. No term discount percentage would apply to the newly installed ETS Port. The term commitment period of the customer's existing ETS Term Discount Plan will continue uninterrupted.

(3) Replace the existing ETS Term Discount Plan in its entirety with a new ETS Term Discount Plan as described in (C), below. (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

(B) Committed ETS Port Replacements

(1) An ETS Term Discount Plan customer may disconnect a committed ETS Port before the end of its existing term commitment period and replace it with one or more newly installed committed ETS Port(s) without the application of a discontinuance charge as described in (D), below, provided: 1) the bandwidth capacity of the replacement committed ETS Port(s) is equal to or greater than the bandwidth capacity of the disconnected committed ETS Port; 2) the customer commits to retain the replacement committed ETS Port(s) in-service at the same bandwidth capacity for the remainder of the existing term commitment period; 3) the replacement committed ETS Port(s) is added to the existing term commitment before the last year of an existing term commitment period; and 4) the customer's orders for the disconnect of the originally committed ETS Port and installation of the replacement committed ETS Port(s) are submitted to the Telephone Company at the same time and include cross references as described in Section 5.2.8, preceding. (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

(B) Committed ETS Port Replacements (Cont'd)

(2) If the bandwidth capacity of the newly installed committed ETS Port(s) is less than the bandwidth capacity of the disconnected committed ETS Port, the disconnected committed ETS Port will be subject to a discontinuance charge as described in (D), below. The newly installed port(s) can be added as a committed ETS Port to the existing term commitment period or ordered on a month-to-month basis as described in (A), above.

(3) Since newly installed ETS Ports cannot be added to an existing term commitment period during the last year of the commitment period, an existing committed ETS Port disconnected during the last year of the commitment period cannot be replaced as described in (B)(1), above. The disconnected committed ETS Port will be subject to a discontinuance charge as described in (D), below. During the last year of the term commitment period, newly installed ETS Ports can be ordered as described in (A), above. (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

(C) ETS Term Discount Plan Replacements

(1) The customer may replace an existing ETS Term Discount Plan in its entirety with a new ETS Term Discount Plan without the application of a discontinuance charge as described in (D), below, provided: 1) the term commitment period of the new ETS Term Discount Plan meets or exceeds the number of months remaining in the customer's existing ETS term commitment period and 2) the bandwidth capacity of the committed ETS Ports under the new ETS Term Discount Plan meets or exceeds the bandwidth capacity of the committed ETS Ports in the customer's existing ETS term commitment period. The term discount percentage applicable for the replacement ETS Term Discount Plan will apply on a going forward basis based on the customer's written request to establish a new ETS Term Discount Plan commitment period under this provision. (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

(C) ETS Term Discount Plan Replacements (Cont'd)

(1) (Cont'd)

For example, a customer with an existing 36 month term commitment period and 50 Mbps of bandwidth capacity for its committed ETS Ports can replace that term commitment in its entirety with a new 36 month or 60 month term commitment period at any time during the existing term commitment period without the application of a discontinuance charge provided the bandwidth capacity of the customer's committed ETS Ports under the new term commitment period is at least 50 Mbps.

(2) When the term commitment period of a replacement ETS Term Discount Plan does not meet or exceed the number of months remaining in the customer's existing ETS Term Discount Plan commitment period, a discontinuance charge as described in (D), below, will apply. (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

(C) ETS Term Discount Plan Replacements (Cont'd)

(3) When the term commitment period of the new ETS Term Discount Plan meets or exceeds the number of months remaining in the customer's existing ETS term commitment period, but the bandwidth capacity of the customer's committed ETS Ports under the new term commitment period is less than the bandwidth capacity of the committed ETS Ports under the customer's existing term commitment period, the following provisions will apply.

(a) When the total monthly undiscounted charges for the number and type of committed ETS Ports to be included in the customer's replacement ETS Term Discount Plan is equal to or greater than the total monthly undiscounted charges for the number and type of committed ETS Ports included in the customer's existing ETS Term Discount Plan, the customer will be permitted to replace its existing ETS Term Discount Plan without the application of either a discontinuance charge as described in (D), below, or a commitment shortfall charge as described in (b), below. (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

(C) ETS Term Discount Plan Replacements (Cont'd)

(3) (Cont'd)

(b) When the total monthly undiscounted charges for the number and type of committed ETS Ports to be included in the customer's replacement ETS Term Discount Plan is less than the total monthly undiscounted charges for the number and type of committed ETS Ports included in the customer's existing ETS Term Discount Plan, the customer will be permitted to replace its existing ETS Term Discount Plan under this provision, however, a commitment shortfall charge will apply. The commitment shortfall charge will apply in lieu of a discontinuance charge as described in (D), below, and will be calculated as follows:

Step 1: Determine the difference between the total monthly undiscounted charges for the number and type of committed ETS Ports included in the customer's existing ETS Term Discount Plan and the total monthly undiscounted charges for the number and type of committed ETS Ports to be included in the customer's replacement ETS Term Discount Plan. (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

(C) ETS Term Discount Plan Replacements (Cont'd)

(3)(b) (Cont'd)

Step 2: Multiply the result from Step 1 by 35%.

Step 3: Multiply the result from Step 2 times the number of months remaining in the existing term commitment period.

For example, a customer elects to replace its existing 36 month ETS Term Discount Plan in its entirety in the 22nd month of the existing term commitment period with a new 36 month ETS Term Discount Plan. The existing term plan commitment includes a total bandwidth capacity requirement of 300 Mbps for the customer's six 50 Mbps committed ETS Basic Ports. In the replacement ETS Term Discount Plan, the customer will only be including two 100 Mbps committed ETS Basic Ports for a total bandwidth capacity of 200 Mbps. Although the customer satisfies the term commitment length replacement requirement with the new ETS Term Discount Plan, it does not satisfy the bandwidth capacity replacement requirement and the total monthly undiscounted charges under the new term commitment period are less than the total monthly undiscounted charges under the existing term commitment period. (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

(C) ETS Term Discount Plan Replacements (Cont'd)

(3)(b) (Cont'd)

Using illustrative undiscounted monthly rates of $275.00 for a 50 Mbps ETS Basic Port and $330.00 for a 100 Mbps ETS Basic Port, the Telephone Company would bill the customer a commitment shortfall charge totaling $4,851.00 based on:

Step 1: $1,650.00(i.e., $275.00 x 6 ports) - $660.00 (i.e., $330.00 x 2 ports) = $990.00

Step 2: $990.00 x 35% = $346.50

Step 3: $346.50 x 14 months = $4,851.00

(D) Discontinuance Charges

Except as provided for in (B) and (C), above, discontinuance charges will apply when: 1) the customer disconnects a committed ETS Port prior to the end of the term commitment period; 2) the customer disconnects a committed ETS Port prior to the end of the term commitment period and the replacement committed ETS Port(s) does not satisfy the requirements specified in (B), above; 3) the customer discontinues an existing ETS Term Discount Plan in its entirety prior to the end of the term commitment period; or 4) the customer replaces an existing ETS Term Discount Plan with a new ETS Term Discount Plan that does not satisfy the requirements specified in (C), above. (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

(D) Discontinuance Charges (Cont'd)

The discontinuance charge will be equal to 35% of the total undiscounted monthly rate for each committed ETS Port included in the customer's ETS Term Discount Plan for each month remaining in the unsatisfied term commitment period. Minimum service period charges as specified in Section 16.3.4(C), preceding, would also apply, if applicable.

The following examples illustrate how the Telephone Company will calculate the applicable discontinuance charge.

Example 1

A customer discontinues its existing ETS Term Discount Plan in its entirety in the 20th month of a 36 month term commitment period. The customer included three 100 Mbps committed ETS Basic Ports when it established its initial term plan commitment.

Using an illustrative undiscounted monthly rate of $330.00 for a 100 Mbps ETS Basic Port, the Telephone Company would bill the customer a term plan discontinuance charge totaling $5,544.00 (i.e., $330.00 x 35% x 3 ports x 16 months). (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

(D) Discontinuance Charges (Cont'd)

Example 2

A customer disconnects one of the four 50 Mbps committed ETS Basic Ports included in its ETS Term Discount Plan in the 39th month of a 60 month term commitment period. The customer included all four of these ports when it established its initial term plan commitment.

Using an illustrative undiscounted monthly rate of $275.00 for a 50 Mbps ETS Basic Port, the Telephone Company would bill the customer a port discontinuance charge totaling $2,021.25 (i.e., $275.00 x 35% x 21 months). (N)

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

(E) ETS Volume Discount Plan

The ETS Volume Discount Plan (ETS VDP) is an optional pricing plan that provides the ETS Term Discount Plan customer with an additional discount applied against the monthly charges for its in-service committed ETS Basic and Interconnection Ports when the customer has at least five committed ETS Ports in-service within the Telephone Company's operating territory.

In order to subscribe to and retain the ETS VDP, the customer must have an ETS Term Discount Plan commitment with the Telephone Company. The ETS Term Discount Plan customer must notify the Telephone Company in writing it wants to establish an ETS VDP. The customer may request an ETS VDP at the same time as it establishes its ETS Term Discount Plan commitment or at any time prior to the expiration of an existing ETS Term Discount Plan. The ETS VDP will continue for the balance of the customer's ETS Term Discount Plan commitment.

Each month on the bill date, the Telephone Company will determine the number of the customer's committed ETS Basic and Interconnection Ports in-service. If that number falls below five, the customer will not be eligible for the ETS VDP discount that month. When the number of committed ETS Basic and Interconnection Ports in-service is at least five, the ETS VDP discount will be applied for that month after the ETS Term Discount Plan discount for the customer's selected term length is applied. (N)

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16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

(E) ETS Volume Discount Plan (Cont'd)

The ETS VDP discount does not apply to: (1) ETS Ports ordered on a month-to-month basis (i.e., non-committed ETS Ports), (2) any other ETS monthly charges, (3) any ETS nonrecurring charges, or (4) any monthly or nonrecurring charges for special access services connected to a committed ETS Interconnection Port.

Access Order Charges as described in Section 5.4.1, preceding, do not apply to establish a new ETS VDP or to terminate an existing ETS VDP.

The ETS VDP discount is specified in Section 17.4.8(C)(8), following. (N)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

(F) ETS Fixed Rate Option

Where offered, the ETS Fixed Rate Option (ETS FRO) provides the ETS Term Discount Plan customer with stabilized rates that will apply to the customer's ETS service elements throughout the length of the customer's selected ETS Term Discount Plan commitment period. (C)

When the customer subscribes to an ETS FRO, the stabilized rates for the ETS service elements included under an ETS FRO plan will not be subject to any Telephone Company initiated rate increases and decreases during the customer's selected term commitment period. (C) (C)

The ETS FRO is only available from those Telephone Companies listed in Section 17.4.8(C)(9), following, which offer the ETS FRO during the availability window specified.

The ETS FRO is only available when the customer establishes a new 36 month or 60 month ETS Term Discount Plan commitment with the Telephone Company. An existing ETS Term Discount Plan customer wishing to subscribe to an available ETS FRO may replace its existing term plan commitment with a new 36 month or 60 month ETS Term Discount Plan commitment. If applicable, minimum period charges, commitment shortfall charges, and/or term plan discontinuance charges as described in (C) and (D), above, would apply to the customer's ETS Term Discount Plan being replaced, and would be calculated using the monthly rates specified in Sections 17.4.8(C)(1) through (C)(6), following.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

(F) ETS Fixed Rate Option (Cont'd)

In order to subscribe to an available ETS FRO, the customer must notify the Telephone Company in writing during the time period specified in that ETS FRO plan that it wishes to establish a new 36 month or 60 month ETS Term Discount Plan with ETS FRO stabilized rates. (C)

The stabilized rates specified in (C)
Section 17.4.8(C)(9), following, for an available
ETS FRO apply in lieu of the non-stabilized rates (C)
specified in Sections 17.4.8(C)(1) through
(C)(6), following. The ETS FRO stabilized rates (C)
will apply to the customer's ETS service elements (C)
only during the 36 month or 60 month commitment
period established by the customer at the time it
subscribes to the ETS FRO plan. (C)

Except as provided herein, all other provisions related to the ETS Term Discount Plan as specified in Section 16.3.5 apply to an ETS Term Discount Plan customer that subscribes to an ETS FRO plan. (C)

An ETS Term Discount Plan customer with ETS FRO
stabilized rates may replace or discontinue its (C)
ETS Term Discount Plan at any time during its selected term commitment period subject to the provisions described in (C) and (D), above. If applicable, minimum period charges, commitment shortfall charges, and/or term plan discontinuance charges as described in (C) and (D), above, apply and would be calculated using the monthly rates specified in the ETS FRO plan to which the customer subscribed. (C)

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16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

(F) ETS Fixed Rate Option (Cont'd)

An ETS Term Discount Plan customer with ETS FRO stabilized rates may not renew or extend its ETS FRO plan subscription beyond the end of the term commitment period selected at the time it subscribed to the ETS FRO plan. At the end of the customer's term commitment period, an ETS Term Discount Plan customer with ETS FRO stabilized rates may choose to: (C)

- subscribe to a new ETS Term Discount Plan commitment period with the monthly rates and nonrecurring charges specified in Sections 17.4.8(C)(1) through (C)(6), following;

- subscribe to a new ETS Term Discount Plan commitment period with ETS FRO stabilized rates, if an alternative ETS FRO plan is available at that time, as specified in Section 17.4.8(C)(9), following; or (C)

- revert to the undiscounted monthly rates and nonrecurring charges specified in Sections 17.4.8(C)(1) through (C)(6), following.

If the customer does not notify the Telephone Company in writing of its choice by the end of its existing term commitment period, the Telephone Company will automatically convert the customer's ETS billing for current and future ETS service elements to the monthly rates and nonrecurring charges specified in Sections 17.4.8(C)(1) through (C)(6), following.

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16. Public Packet Data Network (Cont'd)

16.3 Ethernet Transport Service (Cont'd)

16.3.5 ETS Term Discount Plan (Cont'd)

(F) ETS Fixed Rate Option (Cont'd)

An Access Order Charge does not apply to establish a new or discontinue an existing ETS FRO. An Access Order Charge also does not apply when at the end of the customer's ETS Term Discount Plan the customer subscribes to a new ETS Term Discount Plan or reverts to billing using the undiscounted monthly rates and nonrecurring charges specified in Sections 17.4.8(C)(1) through (C)(6), following. (N)

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16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service

16.4.1 General

Internet Protocol Gateway Access Service (IPG) is an optional two-way packet transport service that provides an end-to-end transmission path using packet technology at transport speeds of either 1.544 Mbps or 44.736 Mbps, where available. IPG enables the customer to interconnect its Internet Protocol (IP) based network with the Telephone Company's switched network at a Telephone Company provided IP gateway. IPG is only available to connect the customer's designated premises (CDP) to a Telephone Company provided IP gateway serving wire center (IPG SWC) when both the CDP and IPG SWC are located within the Telephone Company's serving territory. (C)

IPG provides the customer with voice transmission and call set up signaling paths between its CDP and the IPG SWC. Available for use in conjunction with Feature Group D (FGD) Switched Access Service as described in Section 6.8.1, preceding, IPG provides the customer with the ability to deliver interexchange voice traffic originated on or transported across its IP based network for termination to the Telephone Company's local exchange service subscribers and to accept interexchange voice traffic originated on or transported across the Telephone Company's network. (C)

16.4.2 Service Description

As described below, IPG is provided using a combination of IPG Transport and IPG Ports. IPG can only be used in conjunction with FGD Switched Access Service, which is ordered separately by the IPG customer. (C)

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16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service (Cont'd)

16.4.2 Service Description (Cont'd)

IPG Transport is required to provide the connection between the CDP and Telephone Company IPG SWC. IPG Transport consists of an IPG Transport Termination and, where required, an IPG Transport Mileage Facility and IPG Transport Mileage Termination. Which IPG Transport rate elements apply will depend on where in its network the Telephone Company deploys its IP gateway. An IPG Port is required to provide the interface at the IPG SWC to the Telephone Company's switched network.

The transmission quality of IPG is not guaranteed and is offered to the IPG customer at a best effort level. The Telephone Company will attempt to deliver all interexchange voice traffic received that was originated on or transported across the IPG customer's IP based network.

The Telephone Company will provide the IPG customer accurate call signaling data for interexchange voice traffic that originates on or is transported across the Telephone Company's network. The call signaling data will either: 1) conform to an active 10-digit North American Numbering Plan or directory number, which is associated with the geographic location of the originating calling party (i.e., Calling Party Number and/or Automatic Number Identification) or 2) represent IP equivalent call signaling that is mutually agreed upon by the IPG customer and Telephone Company at the time the customer places its order for IPG. (N)

Service is provided, where available, between CDPs and designated Telephone Company IPG SWCs located within the Telephone Company's serving territory. IPG will be furnished where suitable facilities exist as determined by the Telephone Company. The Telephone Company will identify its IPG SWCs in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service (Cont'd)

16.4.2 Service Description (Cont'd)

Rates and charges for IPG are specified in Section 17.4.8(D), following. The Telephone Company specific rate band assignment for the IPG rate elements is specified in the Special Access (SPA) column in Section 17.5.1, following. The application of rates and charges for IPG is described later in this section. (T)

16.4.3 Obligations of the Customer

In addition to the regulations described in other sections of this tariff, the following provisions apply to IPG.

(A) The IPG customer is responsible for providing the Telephone Company with the necessary information to provision IPG as specified in Section 5.2 Ordering Requirements, preceding.

(C) The IPG customer is responsible for providing and maintaining all required CPE, which is compatible with IPG and the customer selected signaling interface and bearer channel format that comply with the requirements specified in the following Technical References:

- IETF RFC 3261 – June 2002;
- IETF RFC 3262 - June 2002;
- IETF RFC 3263 – June 2002;
- IETF RFC 3264 – June 2002;
- IETF RFC 3265 – June 2002;
- IETF RFC 3550 – July 2003;
- ITU-T G.711 – November 1988;
- ITU-T G.723.1 – May 2006;
- ITU-T G.729 – January 2007;
- ITU-T G.7041/Y.1303 – August 2005;
- ITU-T G.8040/Y.1340 – September 2005;
- ITU-T H.225.0 – May 2006;
- ITU-T H.245 – June 2008; and/or
- ITU-T H.323 – June 2006.

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16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service (Cont'd)

16.4.3 Obligations of the Customer (Cont'd)

(B) The IPG customer is responsible for passing to the Telephone Company accurate call signaling data that will enable the Telephone Company to accurately bill for the associated terminating FGD Switched Access Service network usage. Such call signaling data must either: 1) conform to an active 10-digit North American Numbering Plan or directory number, which is associated with the geographic location of the originating calling party (i.e., Calling Party Number and/or Automatic Number Identification) or 2) represent IP equivalent call signaling that is mutually agreed upon by the IPG customer and Telephone Company at the time the customer places its order for IPG. (C)

16.4.4 Rate Regulations

This section contains the regulations governing the rates and charges that apply for IPG. Regulations governing the rates and charges for FGD Switched Access Service provided under this tariff used in conjunction with IPG are as specified in Section 6.8.1, preceding. The following diagrams depict generic views of the elements of IPG.

ACCESS SERVICE

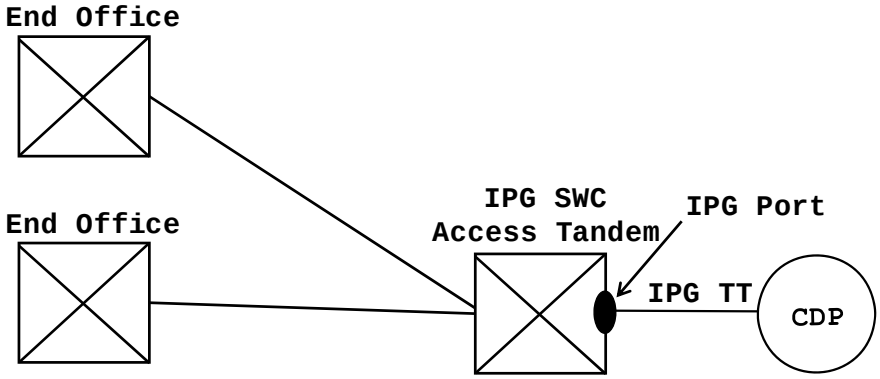
16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service (Cont'd)

16.4.4 Rate Regulations (Cont'd)

In the first figure, the IPG customer's CDP is served by the Telephone Company's IPG SWC. The Telephone Company deployed its IP gateway at its access tandem office. The IPG customer obtains the ability to deliver traffic originated on or transported across its IP based network for termination to local exchange service subscribers served by end offices subtending this access tandem office and to accept traffic originated on or transported across the Telephone Company's network. The IPG customer orders the applicable IPG service elements from the Telephone Company pursuant to the provisions specified in this section and the applicable FGD Switched Access Service elements pursuant to the provisions specified in Section 6.8.1, preceding. (C)

Figure 1



(C)
(C)

- **Tandem Switched Facility**
- **Tandem Switched Termination**
- **Tandem Switching**
- **Local Switching**
- **Information Surcharge**

- **IPG Transport Termination**
- **IPG Port**

ACCESS SERVICE

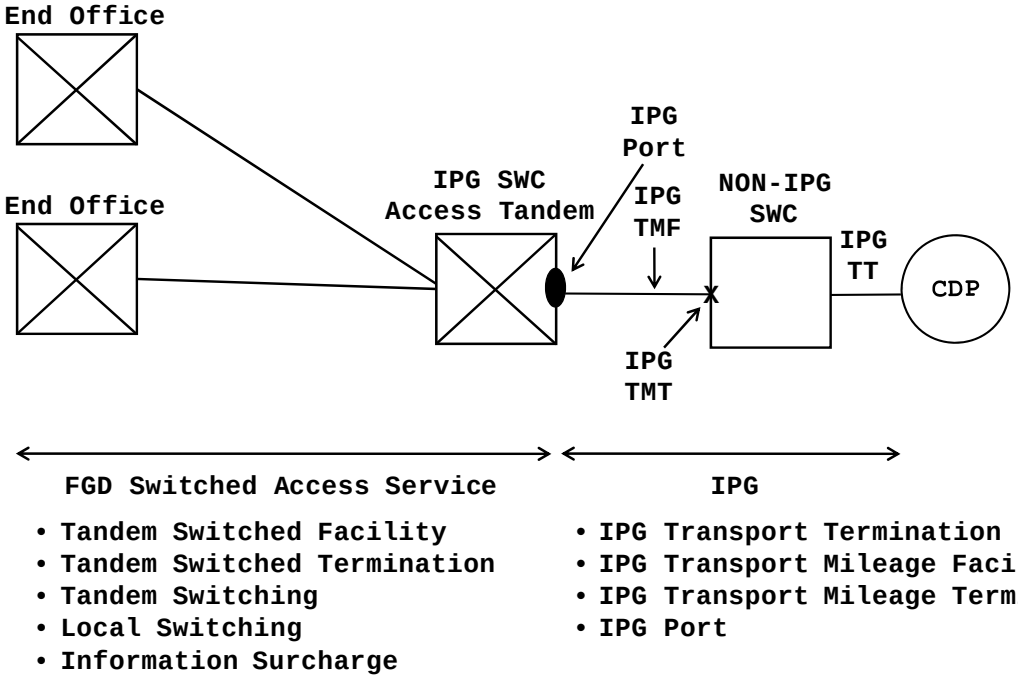
16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service (Cont'd)

16.4.4 Rate Regulations (Cont'd)

In the second figure, the IPG customer's CDP is served by a SWC that is not the IPG SWC. The Telephone Company deployed its IP gateway at its access tandem office. The IPG customer obtains the ability to deliver traffic originated on or transported across its IP based network for termination to local exchange service subscribers served by end offices subtending this access tandem office and to accept traffic originated on or transported across the Telephone Company's network. The IPG customer orders the applicable IPG service elements from the Telephone Company pursuant to the provisions specified in this section and the applicable FGD Switched Access Service elements pursuant to the provisions specified in Section 6.8.1, preceding. (C)

Figure 2



(C)

ACCESS SERVICE

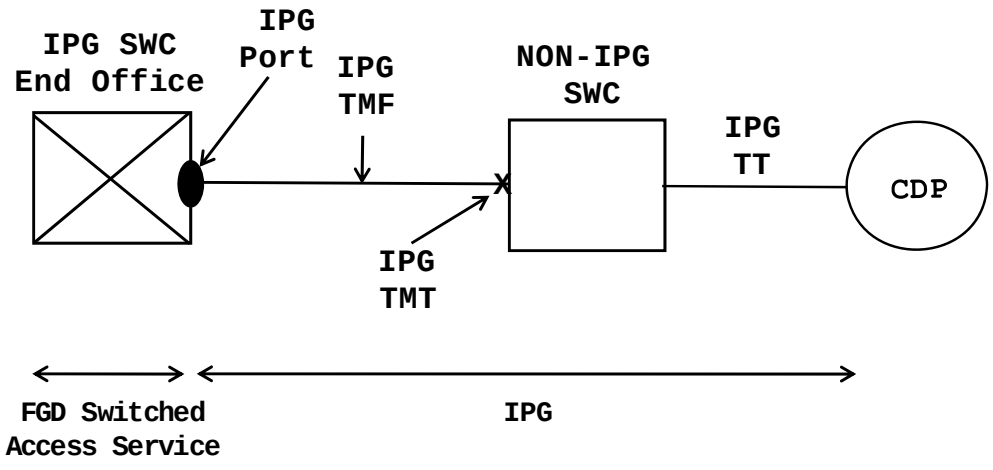
16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service (Cont'd)

16.4.4 Rate Regulations (Cont'd)

In the third figure, the IPG customer's CDP is served by a SWC that is not the IPG SWC. The Telephone Company deployed its IP gateway at its end office. The IPG customer obtains the ability to deliver traffic originated on or transported across its IP based network for termination to local exchange service subscribers served by this end office and to accept traffic originated on or transported across the Telephone Company's network. The IPG customer orders the applicable IPG service elements from the Telephone Company pursuant to the provisions specified in this section and the applicable FGD Switched Access Service elements pursuant to the provisions specified in Section 6.8.1, preceding. (C)

Figure 3



(C)
(C)

- **Local Switching**
- **Information Surcharge**

- **IPG Transport Termination**
- **IPG Transport Mileage Facility**
- **IPG Transport Mileage Termination**
- **IPG Port**

ACCESS SERVICE

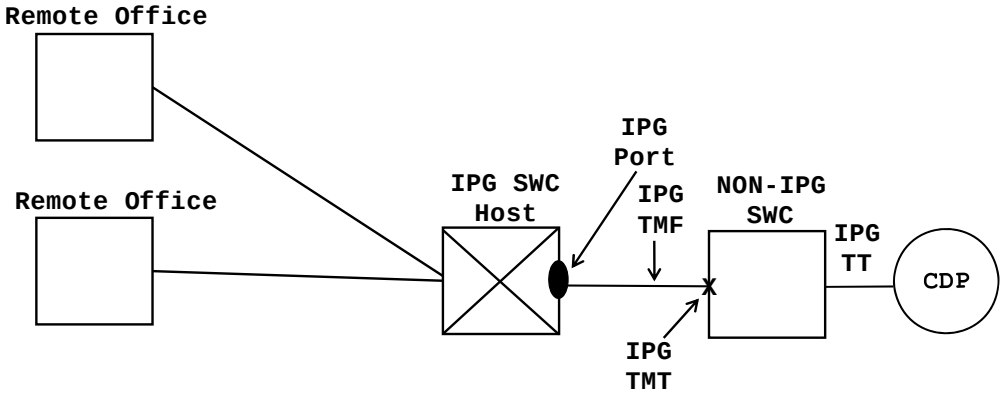
16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service (Cont'd)

16.4.4 Rate Regulations (Cont'd)

In the fourth figure, the IPG customer's CDP is served by a SWC that is not the IPG SWC. The Telephone Company deployed its IP gateway at its host office. The IPG customer obtains the ability to deliver traffic originated on or transported across its IP based network for termination to local exchange service subscribers served by this host office and its subtending remote offices and to accept traffic originated on or transported across the Telephone Company's network. The IPG customer orders the applicable IPG service elements from the Telephone Company pursuant to the provisions specified in this section and the applicable FGD Switched Access Service elements pursuant to the provisions specified in Section 6.8.1, preceding. (C) (C) (C) (C) (C)

Figure 4



(C)
(C)

- **Tandem Switched Facility**
- **Tandem Switched Termination**
- **Local Switching**
- **Information Surcharge**
- **IPG Transport Termination**
- **IPG Transport Mileage Facility**
- **IPG Transport Mileage Termination**
- **IPG Port**

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service (Cont'd)

16.4.4 Rate Regulations (Cont'd)

(A) Rate Categories

IPG service elements are described below. Rates and charges are specified in Section 17.4.8(D), following. The Telephone Company specific rate band assignment for all IPG service elements is specified in the Special Access (SPA) column in Section 17.5.1, following. (T)

(1) IPG Transport Termination (TT)

An IPG TT provides the transport facility between the customer's designated premises and the Telephone Company's SWC. The IPG TT rate element is designed to recover the costs associated with this transport facility.

IPG TTs are available at bandwidth speeds of 1.544 Mbps and 44.736 Mbps. The IPG customer orders the quantity and type of IPG TT it needs based on its bandwidth requirements. An IPG TT may be connected to: 1) an IPG Port when the IPG SWC is the SWC serving the customer's designated premises or 2) an IPG Transport Mileage Facility and IPG Transport Mileage Termination when the SWC serving the customer's designated premises is not IPG equipped.

Monthly and nonrecurring charges apply for each IPG TT ordered. The charges are based upon the bandwidth capacity ordered by the customer. The IPG TT will apply even if the customer's designated premises and the IPG SWC are located in the same Telephone Company building.

16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service (Cont'd)

16.4.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(2) IPG Transport Mileage Facility (TMF)

IPG TMF is required when the SWC serving the customer's designated premises is not IPG equipped. The IPG TMF provides the transport facility between the SWC serving the customer's designated premises and the Telephone Company's IPG SWC. The IPG TMF rate element is designed to recover the costs associated with this transport facility.

IPG TMF is available at bandwidth speeds of 1.544 Mbps and 44.736 Mbps. The IPG customer orders the quantity and type of IPG TMF it needs based on its bandwidth requirements.

A monthly charge applies for each IPG TMF ordered. The monthly charge for each IPG TMF is based upon the bandwidth speed ordered and the number of airline miles between the SWC serving the customer's designated premises and the Telephone Company's IPG SWC. To determine the applicable monthly charge, first compute the airline mileage using the V&H coordinates method described in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the total airline mileage. Once the total airline mileage for each IPG TMF is determined, multiply the number of airline miles times the IPG Transport Mileage Facility per mile rate for the bandwidth speed ordered. (N)

16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service (Cont'd)

16.4.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(3) IPG Transport Mileage Termination (TMT)

An IPG TMT is required whenever the customer orders IPG TMF as described in (2), above. The IPG TMT provides the circuit equipment needed to terminate an IPG TMF at the SWC serving the customer's designated premises. The IPG TMT rate element is designed to recover the costs associated with this circuit equipment.

IPG TMT is available at bandwidth speeds of 1.544 Mbps and 44.736 Mbps.

For each IPG TMF ordered by the customer, one IPG TMT at the same speed as the associated IPG TMF applies. A monthly charge applies for each IPG TMT based upon the bandwidth speed ordered by the customer. (N)

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service (Cont'd)

16.4.4 Rate Regulations (Cont'd)

(A) Rate Categories (Cont'd)

(4) IPG Port

An IPG Port provides network and signaling interfaces at the Telephone Company's IPG SWC. The IPG Port also provides for the establishment of a trunk-side bearer channel transmission path to allow voice call information to be passed between the customer's IP based network and the Telephone Company's switched network. The IPG Port rate element is designed to recover the costs associated with providing the interface for the bearer channel transmission path. (C)

IPG Ports are available with bandwidth speeds of 1.544 Mbps and 44.736 Mbps. Required IPG Transport into the IPG Port is provided using either: 1) an IPG TT when the SWC serving the customer's designated premises is IPG equipped or 2) a combination of an IPG TT, an IPG TMF and an IPG TMT when the SWC serving the customer's designated premises is not IPG equipped. The bandwidth speed of an IPG Port must be equal to the bandwidth speed of the associated IPG Transport.

A monthly charge applies for each IPG Port ordered. The monthly charge for each IPG Port is based upon the bandwidth speed ordered by the customer.

ACCESS SERVICE

16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service (Cont'd)

16.4.4 Rate Regulations (Cont'd)

(B) Types of Rates and Charges

There are two types of rates and charges applicable to IPG. They are monthly rates and nonrecurring charges as described below.

(1) Monthly Rates

Monthly rates are recurring rates that apply each month or fraction thereof when an IPG service element is provided. For billing purposes, each month is considered to have 30 days.

(2) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for IPG are installation of service, service rearrangements and moves.

Except as specified below, these charges are in addition to the Access Order Charge as specified in Section 17.4.1, following.

(a) Installation of Service

Nonrecurring charges apply for the installation of IPG Transport Terminations. (D)

16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service (Cont'd)

16.4.4 Rate Regulations (Cont'd)

(B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(b) Service Rearrangements

Service rearrangements are changes to existing (i.e., installed) services, which may be administrative only in nature as set forth below or, that involve an actual physical change to the service.

When the IPG customer elects to change the bandwidth capacity on existing IPG Ports and associated IPG Transport, the request will be considered a discontinuance of service for the former capacity and start of service for the new capacity. Associated nonrecurring (i.e., installation) charges will apply. New minimum period requirements will be established for the new IPG service elements. The IPG customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued IPG service elements, if applicable.

Following the initial installation of service, the IPG customer may request a change to its existing signaling interface and/or bearer channel format provided the requested signaling interface and/or bearer channel format conforms to the transmission standards specified in the Technical References listed in Section 16.4.3(B), above. The (N)

16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service (Cont'd)

16.4.4 Rate Regulations (Cont'd)

(B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(b) Service Rearrangements (Cont'd)

Telephone Company and IPG customer will work cooperatively to ensure that proper call addressing and billing information will continue to be exchanged as described in Section 16.4.3(C), above, after the requested change is made. An Access Order Charge per order will apply for this type of request.

Administrative changes will be made without charge(s) to the IPG customer. Administrative changes are as follows:

- Change of customer name,
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction. (N)

ACCESS SERVICE (N)

16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service (Cont'd)

16.4.4 (B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(c) Moves

A move involves a change in the physical location of one of the following:

- The Point of Termination at the customer's premises
- The customer's premises

The charges for moving IPG service elements are dependent on whether the move is to a different location within the same building, to a different building within the same SWC, or to a different building in a different SWC.

(i) Moves Within the Same Building

IPG Ports and, where required, IPG TMFs and IPG TMTs are not impacted when the IPG customer moves its Point of Termination to a different location within the same building. The charge for moving an IPG TT to a new location within the same building will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the IPG TT. There will be no change in the minimum period requirements. (N)

16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service (Cont'd)

16.4.4 (B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(c) Moves (Cont'd)

(ii) Moves To a Different Building Within the Same SWC

IPG Ports and, where required, IPG TMFs and IPG TMTs are not impacted when the IPG customer moves its Point of Termination to a different building within the same SWC. The move of an IPG TT will be treated as a discontinuance and start of service. A nonrecurring (i.e., installation) charge will apply per IPG TT. A new minimum period requirement will be established for the IPG TT. The IPG customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued IPG TT, if applicable. (N)

ACCESS SERVICE (N)

16. Public Packet Data Network (Cont'd)

16.4 Internet Protocol Gateway Access Service (Cont'd)

16.4.4 (B) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(c) Moves (Cont'd)

(iii) Moves to a Different Building in a Different SWC

A move to a different building in a different SWC will be treated as a discontinuance and start of service of all associated IPG elements. Associated nonrecurring (i.e., installation) charges will apply. New minimum period requirements will be established for the new IPG service elements. The IPG customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued IPG service elements, if applicable.

(C) Minimum Periods

The minimum period for all IPG service elements provided to the IPG customer and for which charges are applicable is twelve (12) months. (N)

ACCESS SERVICE

17. Rates and Charges

17.1 Common Line Access Service, Federal Universal Service Charge, ISDN Line Ports and DS1 Line Port (T)

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ACCESS SERVICE

17. Rates and Charges

17.1 Common Line Access Service, Federal Universal Service Charge, ISDN Line Ports and DS1 Line Port (Cont'd) (T)

17.1.2 End User Access Service

Regulations concerning End User Access Service are set forth in Section 4, preceding. Except as otherwise provided in (D), following, the rates for End User Common Line Access Service are as shown below.

(A)	End User Common Line (EUCL) –	Rate
	Residence	
	Individual line or trunk, each	$6.50
(B)	End User Common Line (EUCL) –	
	Single Line Business	
	Individual line or trunk, each	$6.50

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.1 Common Line Access Service, Federal Universal Service Charge, ISDN Line Ports and DS1 Line Port (Cont'd)

17.1.2 End User Access Service

	Rate Per Month
(C) End User Common Line (EUCL) - Multiline Business including Centrex CO and CO-Like ordered on or after July 28, 1983	
- Per Individual line or trunk	
- Rate Band 1#	N/A
- Rate Band 2#	N/A
- Rate Band 3#	N/A
- Rate Band 4#	N/A
- Rate Band 5#	N/A
- Rate Band 6#	N/A
- Rate Band 7#	N/A
- Rate Band 8#	N/A
- Rate Band 9#	N/A
- Rate Band 10#	N/A
- Rate Band 11#	N/A
- Rate Band 12#	N/A
- Rate Band 13#	N/A
- Rate Band 14#	N/A
- Rate Band 15	$9.20

Refer to the Multiline Business End User Common Line (MLB EUCL) Rate Band Table in Section 17.5.1, following to view company specific rate band assignments.

For the 2015-2016 tariff test period, no company was assigned to this rate band. (C)

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17. Rates and Charges (Cont'd)

17.1 Common Line Access Service, Federal Universal Service Charge, ISDN Line Ports and DS1 Line Port (Cont'd)

17.1.2 End User Access Service (Cont'd)

(D) In lieu of the rates for End User Common Line-Residence and End User Common Line-Single Line Business specified in (A) and (B), above, the Telephone Companies listed below will bill the following rates.

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.1 Common Line Access Service, Federal Universal Service Charge, ISDN Line Ports and DS1 Line Port (Cont'd)

17.1.2 End User Access Service (Cont'd)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.1 Common Line Access Service, Federal Universal Service Charge, ISDN Line Ports and DS1 Line Port (Cont'd)

17.1.3 Federal Universal Service Charge (FUSC)

Regulations concerning the Federal Universal Service Charge are set forth in Section 3.9 preceding.

		Percentage	
(A)	FUSC Surcharge Factor	18.2	(I)
(B)	MLB EUCL FUSC Surcharge Factor		
	- Rate Band 1	18.6%	(I)
	- Rate Band 2	19.8%	|
	- Rate Band 3	20.8%	|
	- Rate Band 4	21.2%	|
	- Rate Band 5	22.7%	|
	- Rate Band 6	24.6%	|
	- Rate Band 7	25.3%	|
	- Rate Band 8	27.3%	|
	- Rate Band 9	28.8%	|
	- Rate Band 10	31.6%	|
	- Rate Band 11	33.1%	|
	- Rate Band 12	37.2%	|
	- Rate Band 13	42.2%	|
	- Rate Band 14	46.7%	|
	- Rate Band 15	51.2%	|
	- Rate Band 16	58.5%	|
	- Rate Band 17	68.3%	|
	- Rate Band 18	81.9%	|
	- Rate Band 19	102.4%	|
	- Rate Band 20	136.5%	(I)

Refer to Section 17.7(B), following, to view company specific rate band assignments.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.1 Common Line Access Service, Federal Universal Service Charge, ISDN Line Ports and DS1 Line Port (Cont'd)

17.1.4 ISDN Line Ports

(A)	ISDN BRI Line Port - per arrangement	$2.23
(B)	ISDN PRI Line Port - per arrangement	$23.51

17.1.5 DS1 Line Port (N)(x)

(A)	DS1 Line Port - per DS1 (1.544 Mbps) channel service	$23.51	(N)(x)

(x) Filed under authority of Special Permission No. 04-058 of the Federal Communications Commission.

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

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17. Rates and Charges (Cont'd)

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17. Rates and Charges (Cont'd)

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service

17.2.1 Nonrecurring Charges	Rate		Tariff Section Reference
(A) Local Transport - Installation Per Entrance Facility			6.4.1(B)(1)
- Voice Grade Two-Wire	$481.03	(I)	
- Voice Grade Four-Wire	$481.03	(I)	
- High Capacity DS1	$352.76	(I)	
- High Capacity DS3	$475.69	(I)	
- Synchronous Optical Channel OC3	$384.82	(I)	
- Synchronous Optical Channel OC12	$384.82	(I)	
- ESALT 2 Mbps	$570.09	(I)	
- ESALT 10 Mbps	$570.09	(I)	
- ESALT 50 Mbps	$570.09	(I)	
(C) Interim NXX Translation Per Order			6.4.1(B)(2)
Per LATA or Market Area	$235.17	(I)	
(D) FGC and FGD Conversion of Multifrequency Address Signaling to SS7 Signaling or SS7 Signaling to Multifrequency Address Signaling			6.4.1(B)(3)
- Per 24 Trunks Converted or Fraction thereof on a Per Order Basis	$472.47	(I)	
(E) Trunk Activation Per Order			6.4.1(B)(1)
- Per 24 Trunks Activated or Fraction thereof, on a Per Order Basis	$490.64	(I)	

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.1 Nonrecurring Charges (Cont'd)	Rate		Tariff Section Reference
(F) ESALT Direct Trunked Termination			6.4.1(B)(1)
- Per ESALT Direct Trunked Termination Installed	$375.60	(I)	
(G) Flexible Automatic Number Identification (Flex ANI)			
- Per End Office, Per CIC	None		6.10.1(AA)
(H) ESALT Entrance Facility Protection			6.10.3
- Per ESALT Entrance Facility	$576.26	(I)	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.2 Local Transport

Premium Access

Tariff Section Reference 6.1.3(A)(1)

Entrance Facility, Per Termination

Monthly Rate

Rate Band	Voice Grade 2-Wire	Voice Grade 4-Wire	High Capacity DS1	High Capacity DS3	Synchronous Optical Channel OC3	Synchronous Optical Channel OC12
1	$20.14 (I)	$32.23 (I)	$98.19 (I)	$896.63 (I)	$914.30 (I)	$976.17 (I)
2	$22.45 (I)	$35.94 (I)	$109.48 (I)	$999.67 (I)	$1,019.37 (I)	$1,088.34 (I)
3	$27.02 (I)	$43.23 (I)	$131.71 (I)	$1,202.52 (I)	$1,226.22 (I)	$1,309.20 (I)
4	$29.37 (I)	$46.99 (I)	$143.18 (I)	$1,307.31 (I)	$1,333.06 (I)	$1,423.28 (I)
5	$30.06 (I)	$48.12 (I)	$146.58 (I)	$1,338.30 (I)	$1,364.68 (I)	$1,457.03 (I)
6	$33.63 (I)	$53.81 (I)	$163.95 (I)	$1,496.90 (I)	$1,526.40 (I)	$1,629.70 (I)
7	$41.90 (I)	$67.04 (I)	$204.27 (I)	$1,865.12 (I)	$1,901.87 (I)	$2,030.58 (I)
8	$46.97 (I)	$75.18 (I)	$229.04 (I)	$2,091.34 (I)	$2,132.54 (I)	$2,276.87 (I)
9	$60.98 (I)	$97.59 (I)	$297.31 (I)	$2,714.66 (I)	$2,768.14 (I)	$2,955.48 (I)
10	$81.49 (I)	$130.40 (I)	$397.28 (I)	$3,627.44 (I)	$3,698.91 (I)	$3,949.24 (I)
11	$87.33 (I)	$139.75 (I)	$425.78 (I)	$3,887.69 (I)	$3,964.28 (I)	$4,232.58 (I)

Entrance Facility, Per Termination

Monthly Rate

Rate Band	ESALT 2 Mbps	ESALT 10 Mbps	ESALT 50 Mbps
1	$173.94 (I)	$187.46 (I)	$242.87 (I)
2	$193.92 (I)	$209.01 (I)	$270.77 (I)
3	$233.27 (I)	$251.41 (I)	$325.73 (I)
4	$253.59 (I)	$273.33 (I)	$354.12 (I)
5	$259.61 (I)	$279.81 (I)	$362.51 (I)
6	$290.37 (I)	$312.97 (I)	$405.47 (I)
7	$361.80 (I)	$389.96 (I)	$505.21 (I)
8	$405.68 (I)	$437.25 (I)	$566.49 (I)
9	$526.60 (I)	$567.56 (I)	$735.32 (I)
10	$703.66 (I)	$758.40 (I)	$982.56 (I)
11	$754.15 (I)	$812.83 (I)	$1,053.06 (I)

Refer to the Local Transport (LT) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.2 Local Transport (Cont'd)

Premium Access (Cont'd)

Tariff Section Reference 6.1.3(A)(2)

Direct Trunked Transport (Cont'd)

Direct Trunked Facility, Per Mile

Rate Band	Monthly Rate: Voice Grade 2-Wire	Voice Grade 4-Wire	High Capacity DS1	High Capacity DS3	Synchronous Optical Channel OC3	Synchronous Optical Channel OC12
1	$1.43 (I)	$1.43 (I)	$6.72 (I)	$58.61 (I)	$62.74 (I)	$78.75 (I)
2	$1.60 (I)	$1.60 (I)	$7.50 (I)	$65.35 (I)	$69.94 (I)	$87.80 (I)
3	$1.93 (I)	$1.93 (I)	$9.03 (I)	$78.60 (I)	$84.14 (I)	$105.61 (I)
4	$2.10 (I)	$2.10 (I)	$9.82 (I)	$85.45 (I)	$91.47 (I)	$114.82 (I)
5	$2.14 (I)	$2.14 (I)	$10.03 (I)	$87.46 (I)	$93.64 (I)	$117.52 (I)
6	$2.39 (I)	$2.39 (I)	$11.24 (I)	$97.84 (I)	$104.73 (I)	$131.46 (I)
7	$2.98 (I)	$2.98 (I)	$13.99 (I)	$121.91 (I)	$130.50 (I)	$163.79 (I)
8	$3.35 (I)	$3.35 (I)	$15.69 (I)	$136.70 (I)	$146.33 (I)	$183.66 (I)
9	$4.34 (I)	$4.34 (I)	$20.37 (I)	$177.43 (I)	$189.94 (I)	$238.41 (I)
10	$5.80 (I)	$5.80 (I)	$27.22 (I)	$237.10 (I)	$253.81 (I)	$318.57 (I)
11	$6.23 (I)	$6.23 (I)	$29.18 (I)	$254.11 (I)	$272.02 (I)	$341.42 (I)

Direct Trunked Facility, Per DTF-E1 Facility

Rate Band	Monthly Rate: ESALT 2 Mbps	ESALT 10 Mbps	ESALT 50 Mbps
1	$19.82 (I)	$50.25 (I)	$140.69 (I)
2	$22.10 (I)	$56.02 (I)	$156.86 (I)
3	$26.58 (I)	$67.40 (I)	$188.69 (I)
4	$28.89 (I)	$73.26 (I)	$205.14 (I)
5	$29.58 (I)	$74.99 (I)	$210.00 (I)
6	$33.08 (I)	$83.88 (I)	$234.89 (I)
7	$41.22 (I)	$104.52 (I)	$292.65 (I)
8	$46.22 (I)	$117.20 (I)	$328.16 (I)
9	$60.00 (I)	$152.12 (I)	$425.97 (I)
10	$80.17 (I)	$203.27 (I)	$569.19 (I)
11	$85.92 (I)	$217.86 (I)	$610.03 (I)

Refer to the Local Transport (LT) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.2 Local Transport (Cont'd)

Premium Access (Cont'd)

Tariff Section Reference

Direct Trunked Transport (Cont'd) 6.1.3(A)(2)

Direct Trunked Facility, Per DTF-E2 Facility

Monthly Rate

Rate Band	ESALT 2 Mbps	ESALT 10 Mbps	ESALT 50 Mbps
1	$13.21 (I)	$30.15 (I)	$93.79 (I)
2	$14.73 (I)	$33.62 (I)	$104.58 (I)
3	$17.72 (I)	$40.44 (I)	$125.80 (I)
4	$19.27 (I)	$43.96 (I)	$136.76 (I)
5	$19.72 (I)	$44.99 (I)	$140.01 (I)
6	$22.07 (I)	$50.33 (I)	$156.59 (I)
7	$27.48 (I)	$62.72 (I)	$195.12 (I)
8	$30.82 (I)	$70.33 (I)	$218.79 (I)
9	$40.01 (I)	$91.29 (I)	$283.99 (I)
10	$53.46 (I)	$121.98 (I)	$379.48 (I)
11	$57.30 (I)	$130.73 (I)	$406.71 (I)

Refer to the Local Transport (LT) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.2 Local Transport (Cont'd)

Premium Access (Cont'd)

Tariff Section Reference

Direct Trunked Transport (Cont'd) 6.1.3(A)(2)

Direct Trunked Facility, Per DTF-E3 Facility

Monthly Rate					
ESALT 2 Mbps		ESALT 10 Mbps		ESALT 50 Mbps	
$79.59	(I)	$200.35	(I)	$654.34	(I)

Direct Trunked Facility, Per DTF-E4 Facility

Monthly Rate					
ESALT 2 Mbps		ESALT 10 Mbps		ESALT 50 Mbps	
$133.28	(I)	$410.94	(I)	$1,166.15	(I)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.2 Local Transport (Cont'd)

Premium Access (Cont'd)

Tariff Section Reference

Direct Trunked Transport (Cont'd) 6.1.3(A)(2)

Direct Trunked Termination, Per Termination

	Monthly Rate					
Rate Band	Voice Grade 2-Wire	Voice Grade 4-Wire	High Capacity DS1	High Capacity DS3	Synchronous Optical Channel OC3	Synchronous Optical Channel OC12
1	$14.42 (I)	$14.42 (I)	$34.91 (I)	$224.14 (I)	$233.39 (I)	$508.16 (I)
2	$16.07 (I)	$16.07 (I)	$38.92 (I)	$249.91 (I)	$260.21 (I)	$566.56 (I)
3	$19.34 (I)	$19.34 (I)	$46.82 (I)	$300.62 (I)	$313.02 (I)	$681.53 (I)
4	$21.02 (I)	$21.02 (I)	$50.90 (I)	$326.82 (I)	$340.30 (I)	$740.92 (I)
5	$21.52 (I)	$21.52 (I)	$52.10 (I)	$334.58 (I)	$348.36 (I)	$758.48 (I)
6	$24.06 (I)	$24.06 (I)	$58.28 (I)	$374.22 (I)	$389.64 (I)	$848.36 (I)
7	$30.00 (I)	$30.00 (I)	$72.61 (I)	$466.26 (I)	$485.49 (I)	$1,057.06 (I)
8	$33.63 (I)	$33.63 (I)	$81.42 (I)	$522.82 (I)	$544.37 (I)	$1,185.27 (I)
9	$43.66 (I)	$43.66 (I)	$105.69 (I)	$678.65 (I)	$706.62 (I)	$1,538.53 (I)
10	$58.34 (I)	$58.34 (I)	$141.22 (I)	$906.84 (I)	$944.21 (I)	$2,055.84 (I)
11	$62.52 (I)	$62.52 (I)	$151.36 (I)	$971.91 (I)	$1,011.96 (I)	$2,203.34 (I)

Direct Trunked Termination, Per Termination

	Monthly Rate		
Rate Band	ESALT 2 Mbps	ESALT 10 Mbps	ESALT 50 Mbps
1	$46.24 (I)	$56.52 (I)	$69.09 (I)
2	$51.56 (I)	$63.03 (I)	$77.02 (I)
3	$62.02 (I)	$75.81 (I)	$92.67 (I)
4	$67.43 (I)	$82.41 (I)	$100.73 (I)
5	$69.02 (I)	$84.37 (I)	$103.12 (I)
6	$77.20 (I)	$94.37 (I)	$115.34 (I)
7	$96.19 (I)	$117.59 (I)	$143.72 (I)
8	$107.86 (I)	$131.85 (I)	$161.15 (I)
9	$140.00 (I)	$171.15 (I)	$209.17 (I)
10	$187.07 (I)	$228.70 (I)	$279.51 (I)
11	$200.49 (I)	$245.10 (I)	$299.56 (I)

Refer to the Local Transport (LT) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.2 Local Transport (Cont'd)

Premium Access (Cont'd)

Tariff Section Reference 6.1.3(A)(5)

Multiplexing, Per Arrangement

Rate Band	Monthly Rate DS3 to DS1	Monthly Rate DS1 to Voice
1	$204.51 (I)	$78.97 (I)
2	$228.02 (I)	$88.02 (I)
3	$274.28 (I)	$105.90 (I)
4	$298.18 (I)	$115.13 (I)
5	$305.26 (I)	$117.86 (I)
6	$341.43 (I)	$131.82 (I)
7	$425.43 (I)	$164.24 (I)
8	$477.02 (I)	$184.17 (I)
9	$619.19 (I)	$239.06 (I)
10	$827.39 (I)	$319.45 (I)
11	$886.75 (I)	$342.36 (I)

Tariff Section Reference 6.1.3(A)(7)

Customer Node, Per Node

Rate Band	Monthly Rate OC3 155.52 Mbps	Monthly Rate OC12 622.08 Mbps	Nonrecurring Charge All
1	$212.30 (I)	$613.33 (I)	$684.13 (I)
2	$236.70 (I)	$683.80 (I)	$684.13 (I)
3	$284.72 (I)	$822.57 (I)	$684.13 (I)
4	$309.54 (I)	$894.25 (I)	$684.13 (I)
5	$316.88 (I)	$915.45 (I)	$684.13 (I)
6	$354.43 (I)	$1,023.93 (I)	$684.13 (I)
7	$441.62 (I)	$1,275.81 (I)	$684.13 (I)
8	$495.19 (I)	$1,430.55 (I)	$684.13 (I)
9	$642.77 (I)	$1,856.91 (I)	$684.13 (I)
10	$858.90 (I)	$2,481.29 (I)	$684.13 (I)
11	$920.51 (I)	$2,659.31 (I)	$684.13 (I)

Refer to the Local Transport (LT) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.2 Local Transport (Cont'd)

Premium Access (Cont'd)

Tariff Section Reference 6.1.3(A)(7)

Customer Premises Port, Per Port

OC3 155.52 Mbps	Monthly Rate	Nonrecurring Charge
Rate Band 1	$69.67 (I)	None
Rate Band 2	$77.67 (I)	None
Rate Band 3	$93.43 (I)	None
Rate Band 4	$101.58 (I)	None
Rate Band 5	$103.97 (I)	None
Rate Band 6	$116.31 (I)	None
Rate Band 7	$144.91 (I)	None
Rate Band 8	$162.49 (I)	None
Rate Band 9	$210.90 (I)	None
Rate Band 10	$281.82 (I)	None
Rate Band 11	$302.04 (I)	None
STS-1 51.84 Mbps		
Rate Band 1	$83.63 (I)	$684.13 (I)
Rate Band 2	$93.25 (I)	$684.13 (I)
Rate Band 3	$112.18 (I)	$684.13 (I)
Rate Band 4	$121.95 (I)	$684.13 (I)
Rate Band 5	$124.84 (I)	$684.13 (I)
Rate Band 6	$139.64 (I)	$684.13 (I)
Rate Band 7	$173.98 (I)	$684.13 (I)
Rate Band 8	$195.09 (I)	$684.13 (I)
Rate Band 9	$253.23 (I)	$684.13 (I)
Rate Band 10	$338.38 (I)	$684.13 (I)
Rate Band 11	$362.66 (I)	$684.13 (I)
DS3 44.736 Mbps		
Rate Band 1	$83.63 (I)	$684.13 (I)
Rate Band 2	$93.25 (I)	$684.13 (I)
Rate Band 3	$112.18 (I)	$684.13 (I)
Rate Band 4	$121.95 (I)	$684.13 (I)
Rate Band 5	$124.84 (I)	$684.13 (I)
Rate Band 6	$139.64 (I)	$684.13 (I)
Rate Band 7	$173.98 (I)	$684.13 (I)
Rate Band 8	$195.09 (I)	$684.13 (I)
Rate Band 9	$253.23 (I)	$684.13 (I)
Rate Band 10	$338.38 (I)	$684.13 (I)
Rate Band 11	$362.66 (I)	$684.13 (I)

Refer to the Local Transport (LT) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.2 Local Transport (Cont'd)

Premium Access (Cont'd)

Tariff Section Reference

Customer Premises Port, Per Port (Cont'd) 6.1.3(A)(7)

DS1 1.544 Mbps	Monthly Rate	Nonrecurring Charge
Rate Band 1	$21.45 (I)	$684.13 (I)
Rate Band 2	$23.90 (I)	$684.13 (I)
Rate Band 3	$28.75 (I)	$684.13 (I)
Rate Band 4	$31.25 (I)	$684.13 (I)
Rate Band 5	$32.00 (I)	$684.13 (I)
Rate Band 6	$35.79 (I)	$684.13 (I)
Rate Band 7	$44.60 (I)	$684.13 (I)
Rate Band 8	$50.00 (I)	$684.13 (I)
Rate Band 9	$64.91 (I)	$684.13 (I)
Rate Band 10	$86.73 (I)	$684.13 (I)
Rate Band 11	$92.95 (I)	$684.13 (I)

Add/Drop Multiplexing Central Office Port, Per Port 6.1.3(A)(6)

	Monthly Rate		
Rate Band	OC3 155.52 Mbps	DS3 44.736 Mbps	DS1 1.544 Mbps
1	$69.67 (I)	$42.89 (I)	$17.16 (I)
2	$77.67 (I)	$47.82 (I)	$19.12 (I)
3	$93.43 (I)	$57.52 (I)	$23.00 (I)
4	$101.58 (I)	$62.54 (I)	$25.02 (I)
5	$103.97 (I)	$64.01 (I)	$25.61 (I)
6	$116.31 (I)	$71.60 (I)	$28.64 (I)
7	$144.91 (I)	$89.22 (I)	$35.68 (I)
8	$162.49 (I)	$100.03 (I)	$40.01 (I)
9	$210.90 (I)	$129.84 (I)	$51.93 (I)
10	$281.82 (I)	$173.51 (I)	$69.39 (I)
11	$302.04 (I)	$185.96 (I)	$74.38 (I)

Refer to the Local Transport (LT) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.2 Local Transport (Cont'd)	Rate		Tariff Section Reference
Premium Access (Cont'd)			
- Tandem Switched Transport			6.1.3(A)(3)
- Tandem Switched Facility			
Per Access Minute Per Mile			
Rate Band 1	$0.000201	(I)	
Rate Band 2	$0.000430	(I)	
- Tandem Switched Termination			
Per Access Minute Per Termination			
Rate Band 1	$0.001047	(I)	
Rate Band 2	$0.002234	(I)	
- Tandem Switching			
Per Access Minute Per Tandem			
Rate Band 1	$0.002639	(I)	
Rate Band 2	$0.005635	(I)	
Network Blocking Per Blocked Call			6.8.6
Applied to FGD only	$0.0164	(I)	

Refer to the Tandem Switched Transport Rate Band Table in Section 17.5.1 following, to view company specific rate band assignments.

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.2 Local Transport (Cont'd)

Tariff Section Reference

(A) Common Channel Signaling Network Connection 6.10.3

(1) Signaling Network Access Link

Rate Band	Monthly Rate: Signaling Mileage Facility Per Mile	Monthly Rate: Signaling Mileage Termination Per Termination	Monthly Rate: Signaling Entrance Facility Per Facility	Nonrecurring Charge: Signaling Entrance Facility Per Facility
1	$1.94 (I)	$19.41 (I)	$37.17 (I)	$416.89 (I)
2	$2.16 (I)	$21.64 (I)	$41.44 (I)	$416.89 (I)
3	$2.60 (I)	$26.02 (I)	$49.85 (I)	$416.89 (I)
4	$2.82 (I)	$28.30 (I)	$54.20 (I)	$416.89 (I)
5	$2.88 (I)	$28.97 (I)	$55.48 (I)	$416.89 (I)
6	$3.23 (I)	$32.40 (I)	$62.06 (I)	$416.89 (I)
7	$4.03 (I)	$40.38 (I)	$77.33 (I)	$416.89 (I)
8	$4.50 (I)	$45.27 (I)	$86.70 (I)	$416.89 (I)
9	$5.85 (I)	$58.76 (I)	$112.53 (I)	$416.89 (I)
10	$7.82 (I)	$78.53 (I)	$150.40 (I)	$416.89 (I)
11	$8.38 (I)	$84.16 (I)	$161.18 (I)	$416.89 (I)

(2) STP Port, Per Port

Rate Band	Monthly Rate
1	$191.58 (I)
2	$213.59 (I)
3	$256.93 (I)
4	$279.32 (I)
5	$285.95 (I)
6	$319.82 (I)
7	$398.49 (I)
8	$446.83 (I)
9	$580.00 (I)
10	$775.03 (I)
11	$830.63 (I)

Tariff Section Reference

(B) 800 Data Base Access Service Queries, Per Query 6.10.3

Basic	$0.0057	(I)
Vertical Feature	$0.0063	(I)

Refer to the Local Transport (LT) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.2 Local Transport (Cont'd)

Tariff Section Reference
6.10.3

(C) ESALT Real Time CoS/QoS
Per ESALT Direct Trunked Facility, Per Option

Rate Band	Monthly Rate ESALT 2 Mbps		ESALT 10 Mbps		ESALT 50 Mbps	
1	$3.78	(I)	$18.93	(I)	$58.65	(I)
2	$4.22	(I)	$21.09	(I)	$65.85	(I)
3	$5.08	(I)	$25.41	(I)	$79.24	(I)
4	$5.52	(I)	$27.58	(I)	$85.92	(I)
5	$5.66	(I)	$28.30	(I)	$87.98	(I)
6	$6.32	(I)	$31.59	(I)	$98.27	(I)
7	$7.88	(I)	$39.41	(I)	$122.45	(I)
8	$8.83	(I)	$44.14	(I)	$137.38	(I)
9	$11.46	(I)	$57.32	(I)	$178.54	(I)
10	$15.31	(I)	$76.56	(I)	$238.22	(I)
11	$16.41	(I)	$82.02	(I)	$255.20	(I)

(D) ESALT Entrance Facility Protection
Per ESALT Entrance Facility

Monthly Rate ESALT 2 Mbps		ESALT 10 Mbps		ESALT 50 Mbps	
$284.18	(I)	$284.18	(I)	$284.18	(I)

Refer to the Local Transport (LT) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.3 End Office

(A) Local Switching	Rate	
Premium Per Originating Access Minute		
- Rate Band 1	$0.014398	(I)
- Rate Band 2	$0.019200	(I)
- Rate Band 3	$0.023999	(I)
- Rate Band 4	$0.028799	(I)
- Rate Band 5	$0.033599	(I)
- Rate Band 6	$0.038398	(I)
- Rate Band 7	$0.043199	(I)
- Rate Band 8	$0.047999	(I)
Per Terminating Access Minute #		
- Rate Band 1	$0.007988	(R)
- Rate Band 2	$0.009485	(R)
- Rate Band 3	$0.010982	(R)
- Rate Band 4	$0.012478	(R)
- Rate Band 5	$0.013975	(R)
- Rate Band 6	$0.015472	(R)
- Rate Band 7	$0.016969	(R)
- Rate Band 8	$0.018465	(R)

Refer to the Local Switching (LS) Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

The composite Terminating Local Switching rates shown above include the Terminating Information Surcharge rate element.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.3 End Office (Cont'd)

(A) Local Switching (Cont'd)

	Rate	
Non-Premium		
Per Originating Access Minute		
- Rate Band 1	$0.006479	(I)
- Rate Band 2	$0.008640	(I)
- Rate Band 3	$0.010800	(I)
- Rate Band 4	$0.012960	(I)
- Rate Band 5	$0.015120	(I)
- Rate Band 6	$0.017279	(I)
- Rate Band 7	$0.019440	(I)
- Rate Band 8	$0.021600	(I)
Per Terminating Access Minute #		
- Rate Band 1	$0.005428	(R)
- Rate Band 2	$0.006101	(R)
- Rate Band 3	$0.006775	(R)
- Rate Band 4	$0.007448	(R)
- Rate Band 5	$0.008122	(R)
- Rate Band 6	$0.008796	(R)
- Rate Band 7	$0.009469	(R)
- Rate Band 8	$0.010143	(R)

Refer to the Local Switching (LS) Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

The composite Terminating Local Switching rates shown above include the Terminating Information Surcharge rate element.

CCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.3 End Office (Cont'd)

(B) Information Surcharge

- Premium Per 100 Originating Access Minutes	$0.0528	(I)
- Premium Per 100 Terminating Access Minutes #	$0.0000	
- Non-Premium Per 100 Originating Access Minutes	$0.0237	(I)
- Non-Premium Per 100 Terminating Access Minutes #	$0.0000	

The Terminating Information Surcharge rate element is included in the Terminating Local Switching rates.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd) (N)

17.2.4 Feature Group B (FGB) with an Abbreviated Dialing Arrangement (ADA) Rate Factor (M)

In end offices that are equipped with equal access capabilities, premium rates apply to all FGB with ADA access minutes.

In end offices that are not equipped with equal access capabilities:

- Switched Access premium rates will apply to:
  - Entrance Facility
  - Direct Trunked Termination
  - Directed Trunked Facility
  - Tandem Switched Termination
  - Tandem Switched Facility
  - Tandem Switching
  - Multiplexing
  - Add/Drop Multiplexing
  - Customer Node
  - Customer Premises Port

- Switched Access premium rates multiplied by an ADA rate factor of .95 will apply to:
  - Local Switching
  - Information Surcharge

  The following Telephone Companies provide ADA:

  Chautauqua & Erie Tel. Corp.
  Shenandoah Tel. Co. (M)

Certain material currently found on this page previously appeared on 31st Revised Page 17-11.1.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

				Tariff Section Reference
17.2.5	Directory Assistance Service	Rate		
	(A) Directory Assistance Service A Directory Assistance Service Charge applies for each call to Directory Assistance Service.	$1.09	(I)	9.4.2
	(B)			
	(C) Credit Allowance for Uncompleted DA Calls In addition to the credit allowances for Directory Assistance Service Call and Directory Transport as set forth respectively in 9.4.8(A) and (B) preceding, there is also a credit allowance for the Switched Access Service portion in the originating LATA of such DA call. The credit will be as set forth following:			
	(1) Credit per call when Switched Access Service is billed using nonpremium per minute rates	$0.0299	(I)	9.4.8
	(2) Credit per call when Feature Group A or B Switched Access Service is billed using premium per minute rates	$0.0566	(I)	9.4.8
	(3) Credit per call when Feature Group C or D Switched Access Service is billed using premium per minute rates	$0.0566	(I)	9.4.8

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

		Assumed Minutes Per Month Per Line or Trunk	Tariff Section Reference
17.2.6	Assumed Minutes of Use		
	(A) Feature Group A, Two Way Calling (1510 Originating, 2685 Terminating)	4195	6.5.4
	(B) Feature Group A, Originating Only	1510	6.5.4
	(C) Feature Group A, Terminating Only	2685	6.5.4
	(D) Feature Group B, Two Way Calling (3132 Originating, 5568 Terminating)	8700	6.6.4
	(E) Feature Group B, Originating Only	3132	6.6.4
	(F) Feature Group B, Terminating Only	5568	6.6.4
		Rate	
17.2.7	Operator Transfer Service Per Call Transferred	$0.4904	(I) 6.10

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service

17.3.1 Surcharge for Special Access Service

	Monthly Rate	Tariff Section Reference
- Per Voice Grade Equivalent	$25.00	7.3

(x) Issued to reflect new corporate address.

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17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.2 Metallic Service

Regulations concerning Metallic Service are set forth in Section 7.4, preceding.

(A) Channel Termination, Per Termination

Rate Band	Monthly Rate		Nonrecurring Charge	
1	$2.65	(R)	$450.00	
2	$5.29	(R)	$450.00	
3	$7.94	(R)	$450.00	
4	$10.58	(R)	$450.00	
5	$14.94	(R)	$450.00	
6	$19.30	(R)	$450.00	
7	$23.65	(R)	$450.00	
8	$28.01	(R)	$450.00	
9	$32.37	(R)	$450.00	
10	$36.73	(R)	$450.00	
11	$41.08	(R)	$450.00	
12	$45.44	(R)	$450.00	
13	$49.80	(R)	$450.00	
14	$54.15	(R)	$450.00	
15	$58.51	(R)	$450.00	
16	$62.87	(R)	$450.00	
17	$67.23	(I)	$450.00	
18	$71.58	(I)	$450.00	
19	$75.94	(I)	$450.00	
20	$80.30	(I)	$450.00	
21	$84.66	(I)	$450.00	
22	$89.01	(R)	$450.00	
23	$93.37	(R)	$450.00	
24	$97.73	(R)	$450.00	
25	$102.09	(N)	$450.00	(N)
26	$106.44	(N)	$450.00	(N)
27	$110.80	(N)	$450.00	(N)
28	$115.16	(N)	$450.00	(N)
29	$119.51	(N)	$450.00	(N)
30	$123.87	(N)	$450.00	(N)
31	$128.23	(N)	$450.00	(N)
32	$132.59	(N)	$450.00	(N)
33	$136.94	(N)	$450.00	(N)
34	$141.30	(N)	$450.00	(N)
35	$145.66	(N)	$450.00	(N)
36	$150.02	(N)	$450.00	(N)
37	$154.37	(N)	$450.00	(N)
38	$158.73	(N)	$450.00	(N)
39	$168.25	(N)	$450.00	(N)
40	$177.78	(N)	$450.00	(N)
41	$187.30	(N)	$450.00	(N)
42	$196.83	(N)	$450.00	(N)
43	$206.35	(N)	$450.00	(N)
44	$215.87	(N)	$450.00	(N)
45	$225.40	(N)	$450.00	(N)
46	$234.92	(N)	$450.00	(N)
47	$244.44	(N)	$450.00	(N)
48	$253.97	(N)	$450.00	(N)
49	$263.49	(N)	$450.00	(N)
50	$273.02	(N)	$450.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.2 Metallic Service (Cont'd)

(B) Channel Mileage

Rate Band	(1) Channel Mileage Facility Monthly Rate Per Mile		(2) Channel Mileage Termination Monthly Rate Per Termination	
1	$3.81	(R)	$0.27	(R)
2	$7.62	(R)	$0.53	(R)
3	$11.43	(R)	$0.80	(R)
4	$15.23	(R)	$1.06	(R)
5	$21.51	(R)	$1.50	(R)
6	$27.78	(R)	$1.94	(R)
7	$34.05	(R)	$2.37	(R)
8	$40.33	(R)	$2.81	(R)
9	$46.60	(R)	$3.25	(R)
10	$52.87	(R)	$3.69	(R)
11	$59.14	(R)	$4.12	(R)
12	$65.42	(R)	$4.56	(R)
13	$71.69	(R)	$5.00	(R)
14	$77.96	(R)	$5.43	(R)
15	$84.24	(R)	$5.87	(R)
16	$90.51	(R)	$6.31	(R)
17	$96.78	(I)	$6.75	(I)
18	$103.05	(I)	$7.18	(I)
19	$109.33	(I)	$7.62	(I)
20	$115.60	(I)	$8.06	(I)
21	$121.87	(I)	$8.50	(I)
22	$128.14	(R)	$8.93	(R)
23	$134.42	(R)	$9.37	(R)
24	$140.69	(R)	$9.81	(R)
25	$146.96	(N)	$10.25	(N)
26	$153.24	(N)	$10.68	(N)
27	$159.51	(N)	$11.12	(N)
28	$165.78	(N)	$11.56	(N)
29	$172.05	(N)	$11.99	(N)
30	$178.33	(N)	$12.43	(N)
31	$184.60	(N)	$12.87	(N)
32	$190.87	(N)	$13.31	(N)
33	$197.15	(N)	$13.74	(N)
34	$203.42	(N)	$14.18	(N)
35	$209.69	(N)	$14.62	(N)
36	$215.96	(N)	$15.06	(N)
37	$222.24	(N)	$15.49	(N)
38	$228.51	(N)	$15.93	(N)
39	$242.22	(N)	$16.89	(N)
40	$255.93	(N)	$17.84	(N)
41	$269.64	(N)	$18.80	(N)
42	$283.35	(N)	$19.75	(N)
43	$297.06	(N)	$20.71	(N)
44	$310.77	(N)	$21.66	(N)
45	$324.48	(N)	$22.62	(N)
46	$338.19	(N)	$23.58	(N)
47	$351.91	(N)	$24.53	(N)
48	$365.62	(N)	$25.49	(N)
49	$379.33	(N)	$26.44	(N)
50	$393.04	(N)	$27.40	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.2 Metallic Service (Cont'd)

(C) Optional Features and Functions

(1) Bridging

Rate Band	(a) 3 Premises Bridging Monthly Rate Per Port		(b) Series Bridging Monthly Rate Per Port	
1	$0.54	(R)	$0.54	(R)
2	$1.07	(R)	$1.07	(R)
3	$1.61	(R)	$1.61	(R)
4	$2.15	(R)	$2.15	(R)
5	$3.03	(R)	$3.03	(R)
6	$3.91	(R)	$3.91	(R)
7	$4.80	(R)	$4.80	(R)
8	$5.68	(R)	$5.68	(R)
9	$6.56	(R)	$6.56	(R)
10	$7.45	(R)	$7.45	(R)
11	$8.33	(R)	$8.33	(R)
12	$9.22	(R)	$9.22	(R)
13	$10.10	(R)	$10.10	(R)
14	$10.98	(R)	$10.98	(R)
15	$11.87	(R)	$11.87	(R)
16	$12.75	(R)	$12.75	(R)
17	$13.63	(R)	$13.63	(R)
18	$14.52	(R)	$14.52	(R)
19	$15.40	(R)	$15.40	(R)
20	$16.28		$16.28	
21	$17.17	(I)	$17.17	(I)
22	$18.05	(R)	$18.05	(R)
23	$18.94	(R)	$18.94	(R)
24	$19.82	(R)	$19.82	(R)
25	$20.70	(N)	$20.70	(N)
26	$21.59	(N)	$21.59	(N)
27	$22.47	(N)	$22.47	(N)
28	$23.35	(N)	$23.35	(N)
29	$24.24	(N)	$24.24	(N)
30	$25.12	(N)	$25.12	(N)
31	$26.00	(N)	$26.00	(N)
32	$26.89	(N)	$26.89	(N)
33	$27.77	(N)	$27.77	(N)
34	$28.66	(N)	$28.66	(N)
35	$29.54	(N)	$29.54	(N)
36	$30.42	(N)	$30.42	(N)
37	$31.31	(N)	$31.31	(N)
38	$32.19	(N)	$32.19	(N)
39	$34.12	(N)	$34.12	(N)
40	$36.05	(N)	$36.05	(N)
41	$37.98	(N)	$37.98	(N)
42	$39.92	(N)	$39.92	(N)
43	$41.85	(N)	$41.85	(N)
44	$43.78	(N)	$43.78	(N)
45	$45.71	(N)	$45.71	(N)
46	$47.64	(N)	$47.64	(N)
47	$49.57	(N)	$49.57	(N)
48	$51.50	(N)	$51.50	(N)
49	$53.44	(N)	$53.44	(N)
50	$55.37	(N)	$55.37	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.2 Metallic Service (Cont'd)

(C) Optional Features and Functions (Cont'd)

(2) DSL Access Service Connection

	Monthly Rate				Nonrecurring Charge			
Rate Band	(a) Per 10BASE-T		(b) Per 100BASE-T		(a) Per 10BASE-T		(b) Per 100BASE-T	
1	$20.63	(R)	$107.10	(R)	$450.00		$650.00	
2	$41.27	(R)	$214.21	(R)	$450.00		$650.00	
3	$61.90	(R)	$321.31	(R)	$450.00		$650.00	
4	$82.53	(R)	$428.42	(R)	$450.00		$650.00	
5	$116.52	(R)	$604.83	(R)	$450.00		$650.00	
6	$150.50	(R)	$781.23	(R)	$450.00		$650.00	
7	$184.48	(R)	$957.64	(R)	$450.00		$650.00	
8	$218.47	(R)	$1,134.05	(R)	$450.00		$650.00	
9	$252.45	(R)	$1,310.46	(R)	$450.00		$650.00	
10	$286.43	(R)	$1,486.86	(R)	$450.00		$650.00	
11	$320.42	(R)	$1,663.27	(R)	$450.00		$650.00	
12	$354.40	(R)	$1,839.68	(R)	$450.00		$650.00	
13	$388.39	(R)	$2,016.08	(R)	$450.00		$650.00	
14	$422.37	(R)	$2,192.49	(R)	$450.00		$650.00	
15	$456.35	(R)	$2,368.90	(R)	$450.00		$650.00	
16	$490.34	(R)	$2,545.31	(R)	$450.00		$650.00	
17	$524.32	(I)	$2,721.71	(R)	$450.00		$650.00	
18	$558.30	(I)	$2,898.12	(R)	$450.00		$650.00	
19	$592.29	(I)	$3,074.53	(R)	$450.00		$650.00	
20	$626.27	(I)	$3,250.94	(I)	$450.00		$650.00	
21	$660.26	(I)	$3,427.34	(I)	$450.00		$650.00	
22	$694.24	(R)	$3,603.75	(R)	$450.00		$650.00	
23	$728.22	(R)	$3,780.16	(R)	$450.00		$650.00	
24	$762.21	(R)	$3,956.57	(R)	$450.00		$650.00	
25	$796.19	(N)	$4,132.97	(N)	$450.00	(N)	$650.00	(N)
26	$830.17	(N)	$4,309.38	(N)	$450.00	(N)	$650.00	(N)
27	$864.16	(N)	$4,485.79	(N)	$450.00	(N)	$650.00	(N)
28	$898.14	(N)	$4,662.20	(N)	$450.00	(N)	$650.00	(N)
29	$932.13	(N)	$4,838.60	(N)	$450.00	(N)	$650.00	(N)
30	$966.11	(N)	$5,015.01	(N)	$450.00	(N)	$650.00	(N)
31	$1,000.09	(N)	$5,191.42	(N)	$450.00	(N)	$650.00	(N)
32	$1,034.08	(N)	$5,367.83	(N)	$450.00	(N)	$650.00	(N)
33	$1,068.06	(N)	$5,544.23	(N)	$450.00	(N)	$650.00	(N)
34	$1,102.04	(N)	$5,720.64	(N)	$450.00	(N)	$650.00	(N)
35	$1,136.03	(N)	$5,897.05	(N)	$450.00	(N)	$650.00	(N)
36	$1,170.01	(N)	$6,073.46	(N)	$450.00	(N)	$650.00	(N)
37	$1,204.00	(N)	$6,249.86	(N)	$450.00	(N)	$650.00	(N)
38	$1,237.98	(N)	$6,426.27	(N)	$450.00	(N)	$650.00	(N)
39	$1,312.26	(N)	$6,811.85	(N)	$450.00	(N)	$650.00	(N)
40	$1,386.54	(N)	$7,197.42	(N)	$450.00	(N)	$650.00	(N)
41	$1,460.82	(N)	$7,583.00	(N)	$450.00	(N)	$650.00	(N)
42	$1,535.10	(N)	$7,968.57	(N)	$450.00	(N)	$650.00	(N)
43	$1,609.37	(N)	$8,354.15	(N)	$450.00	(N)	$650.00	(N)
44	$1,683.65	(N)	$8,739.73	(N)	$450.00	(N)	$650.00	(N)
45	$1,757.93	(N)	$9,125.30	(N)	$450.00	(N)	$650.00	(N)
46	$1,832.21	(N)	$9,510.88	(N)	$450.00	(N)	$650.00	(N)
47	$1,906.49	(N)	$9,896.46	(N)	$450.00	(N)	$650.00	(N)
48	$1,980.77	(N)	$10,282.03	(N)	$450.00	(N)	$650.00	(N)
49	$2,055.05	(N)	$10,667.61	(N)	$450.00	(N)	$650.00	(N)
50	$2,129.33	(N)	$11,053.18	(N)	$450.00	(N)	$650.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.3 Telegraph Grade Service

Regulations concerning Telegraph Grade Service are set forth in Section 7.5, preceding.

(A) Channel Termination, Per Termination

Rate Band	Monthly Rate 2-Wire		Monthly Rate 4-Wire		Nonrecurring Charge All	
1	$2.65	(R)	$5.29	(R)	$450.00	
2	$5.29	(R)	$10.59	(R)	$450.00	
3	$7.94	(R)	$15.88	(R)	$450.00	
4	$10.58	(R)	$21.17	(R)	$450.00	
5	$14.94	(R)	$29.89	(R)	$450.00	
6	$19.30	(R)	$38.61	(R)	$450.00	
7	$23.65	(R)	$47.33	(R)	$450.00	
8	$28.01	(R)	$56.05	(R)	$450.00	
9	$32.37	(R)	$64.77	(R)	$450.00	
10	$36.73	(R)	$73.49	(R)	$450.00	
11	$41.08	(R)	$82.20	(R)	$450.00	
12	$45.44	(R)	$90.92	(R)	$450.00	
13	$49.80	(R)	$99.64	(R)	$450.00	
14	$54.15	(R)	$108.36	(R)	$450.00	
15	$58.51	(R)	$117.08	(R)	$450.00	
16	$62.87	(R)	$125.80	(R)	$450.00	
17	$67.23	(I)	$134.52	(I)	$450.00	
18	$71.58	(I)	$143.24	(I)	$450.00	
19	$75.94	(I)	$151.95	(I)	$450.00	
20	$80.30	(I)	$160.67	(I)	$450.00	
21	$84.66	(I)	$169.39	(I)	$450.00	
22	$89.01	(R)	$178.11	(R)	$450.00	
23	$93.37	(R)	$186.83	(R)	$450.00	
24	$97.73	(R)	$195.55	(R)	$450.00	
25	$102.09	(N)	$204.27	(N)	$450.00	(N)
26	$106.44	(N)	$212.99	(N)	$450.00	(N)
27	$110.80	(N)	$221.70	(N)	$450.00	(N)
28	$115.16	(N)	$230.42	(N)	$450.00	(N)
29	$119.51	(N)	$239.14	(N)	$450.00	(N)
30	$123.87	(N)	$247.86	(N)	$450.00	(N)
31	$128.23	(N)	$256.58	(N)	$450.00	(N)
32	$132.59	(N)	$265.30	(N)	$450.00	(N)
33	$136.94	(N)	$274.02	(N)	$450.00	(N)
34	$141.30	(N)	$282.74	(N)	$450.00	(N)
35	$145.66	(N)	$291.45	(N)	$450.00	(N)
36	$150.02	(N)	$300.17	(N)	$450.00	(N)
37	$154.37	(N)	$308.89	(N)	$450.00	(N)
38	$158.73	(N)	$317.61	(N)	$450.00	(N)
39	$168.25	(N)	$336.67	(N)	$450.00	(N)
40	$177.78	(N)	$355.72	(N)	$450.00	(N)
41	$187.30	(N)	$374.78	(N)	$450.00	(N)
42	$196.83	(N)	$393.84	(N)	$450.00	(N)
43	$206.35	(N)	$412.89	(N)	$450.00	(N)
44	$215.87	(N)	$431.95	(N)	$450.00	(N)
45	$225.40	(N)	$451.01	(N)	$450.00	(N)
46	$234.92	(N)	$470.06	(N)	$450.00	(N)
47	$244.44	(N)	$489.12	(N)	$450.00	(N)
48	$253.97	(N)	$508.18	(N)	$450.00	(N)
49	$263.49	(N)	$527.23	(N)	$450.00	(N)
50	$273.02	(N)	$546.29	(N)	$450.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.3 Telegraph Grade Service (Cont'd)

(B) Channel Mileage

Rate Band	Monthly Rate (1) Channel Mileage Facility Per Mile		Monthly Rate (2) Channel Mileage Termination Per Termination	
1	$0.32	(R)	$3.18	(R)
2	$0.63	(R)	$6.36	(R)
3	$0.95	(R)	$9.55	(R)
4	$1.27	(R)	$12.73	(R)
5	$1.79	(R)	$17.97	(R)
6	$2.32	(R)	$23.21	(R)
7	$2.84	(R)	$28.46	(R)
8	$3.36	(R)	$33.70	(R)
9	$3.88	(R)	$38.94	(R)
10	$4.41	(R)	$44.18	(R)
11	$4.93	(R)	$49.42	(R)
12	$5.45	(R)	$54.66	(R)
13	$5.98	(R)	$59.91	(R)
14	$6.50	(R)	$65.15	(R)
15	$7.02	(R)	$70.39	(R)
16	$7.55	(R)	$75.63	(R)
17	$8.07	(I)	$80.87	(I)
18	$8.59	(I)	$86.11	(I)
19	$9.11	(I)	$91.36	(I)
20	$9.64	(I)	$96.60	(I)
21	$10.16	(I)	$101.84	(I)
22	$10.68	(R)	$107.08	(R)
23	$11.21	(R)	$112.32	(R)
24	$11.73	(R)	$117.57	(R)
25	$12.25	(N)	$122.81	(N)
26	$12.77	(N)	$128.05	(N)
27	$13.30	(N)	$133.29	(N)
28	$13.82	(N)	$138.53	(N)
29	$14.34	(N)	$143.77	(N)
30	$14.87	(N)	$149.02	(N)
31	$15.39	(N)	$154.26	(N)
32	$15.91	(N)	$159.50	(N)
33	$16.44	(N)	$164.74	(N)
34	$16.96	(N)	$169.98	(N)
35	$17.48	(N)	$175.22	(N)
36	$18.00	(N)	$180.47	(N)
37	$18.53	(N)	$185.71	(N)
38	$19.05	(N)	$190.95	(N)
39	$20.19	(N)	$202.41	(N)
40	$21.34	(N)	$213.86	(N)
41	$22.48	(N)	$225.32	(N)
42	$23.62	(N)	$236.78	(N)
43	$24.77	(N)	$248.24	(N)
44	$25.91	(N)	$259.69	(N)
45	$27.05	(N)	$271.15	(N)
46	$28.19	(N)	$282.61	(N)
47	$29.34	(N)	$294.06	(N)
48	$30.48	(N)	$305.52	(N)
49	$31.62	(N)	$316.98	(N)
50	$32.77	(N)	$328.43	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.3 Telegraph Grade Service (Cont'd)

(C) Optional Features and Functions

(1) Telegraph Bridging, Per Port

Rate Band	Monthly Rate 2-Wire		Monthly Rate 4-Wire	
1	$0.54	(R)	$0.54	(R)
2	$1.07	(R)	$1.07	(R)
3	$1.61	(R)	$1.61	(R)
4	$2.15	(R)	$2.15	(R)
5	$3.03	(R)	$3.03	(R)
6	$3.91	(R)	$3.91	(R)
7	$4.80	(R)	$4.80	(R)
8	$5.68	(R)	$5.68	(R)
9	$6.56	(R)	$6.56	(R)
10	$7.45	(R)	$7.45	(R)
11	$8.33	(R)	$8.33	(R)
12	$9.22	(R)	$9.22	(R)
13	$10.10	(R)	$10.10	(R)
14	$10.98	(R)	$10.98	(R)
15	$11.87	(R)	$11.87	(R)
16	$12.75	(R)	$12.75	(R)
17	$13.63	(R)	$13.63	(R)
18	$14.52	(R)	$14.52	(R)
19	$15.40	(R)	$15.40	(R)
20	$16.28		$16.28	
21	$17.17	(I)	$17.17	(I)
22	$18.05	(R)	$18.05	(R)
23	$18.94	(R)	$18.94	(R)
24	$19.82	(R)	$19.82	(R)
25	$20.70	(N)	$20.70	(N)
26	$21.59	(N)	$21.59	(N)
27	$22.47	(N)	$22.47	(N)
28	$23.35	(N)	$23.35	(N)
29	$24.24	(N)	$24.24	(N)
30	$25.12	(N)	$25.12	(N)
31	$26.00	(N)	$26.00	(N)
32	$26.89	(N)	$26.89	(N)
33	$27.77	(N)	$27.77	(N)
34	$28.66	(N)	$28.66	(N)
35	$29.54	(N)	$29.54	(N)
36	$30.42	(N)	$30.42	(N)
37	$31.31	(N)	$31.31	(N)
38	$32.19	(N)	$32.19	(N)
39	$34.12	(N)	$34.12	(N)
40	$36.05	(N)	$36.05	(N)
41	$37.98	(N)	$37.98	(N)
42	$39.92	(N)	$39.92	(N)
43	$41.85	(N)	$41.85	(N)
44	$43.78	(N)	$43.78	(N)
45	$45.71	(N)	$45.71	(N)
46	$47.64	(N)	$47.64	(N)
47	$49.57	(N)	$49.57	(N)
48	$51.50	(N)	$51.50	(N)
49	$53.44	(N)	$53.44	(N)
50	$55.37	(N)	$55.37	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service

Regulations concerning Voice Grade Service are set forth in Section 7.6, preceding.

(A) Channel Termination, Per Termination

Rate Band	Monthly Rate 2-Wire		Monthly Rate 4-Wire		Nonrecurring Charge All	
1	$4.44	(R)	$7.11	(R)	$450.00	
2	$8.89	(R)	$14.23	(R)	$450.00	
3	$13.34	(R)	$21.34	(R)	$450.00	
4	$17.78	(R)	$28.45	(R)	$450.00	
5	$25.10	(R)	$40.16	(R)	$450.00	
6	$32.42	(R)	$51.88	(R)	$450.00	
7	$39.74	(R)	$63.59	(R)	$450.00	
8	$47.06	(R)	$75.31	(R)	$450.00	
9	$54.39	(R)	$87.02	(R)	$450.00	
10	$61.71	(R)	$98.74	(R)	$450.00	
11	$69.03	(R)	$110.45	(R)	$450.00	
12	$76.35	(R)	$122.17	(R)	$450.00	
13	$83.67	(R)	$133.88	(R)	$450.00	
14	$90.99	(R)	$145.60	(R)	$450.00	
15	$98.31	(R)	$157.31	(R)	$450.00	
16	$105.63	(R)	$169.03	(R)	$450.00	
17	$112.96	(I)	$180.74	(I)	$450.00	
18	$120.28	(I)	$192.46	(I)	$450.00	
19	$127.60	(I)	$204.17	(I)	$450.00	
20	$134.92	(I)	$215.89	(I)	$450.00	
21	$142.24	(I)	$227.60	(I)	$450.00	
22	$149.56	(R)	$239.31	(R)	$450.00	
23	$156.88	(R)	$251.03	(R)	$450.00	
24	$164.20	(R)	$262.74	(R)	$450.00	
25	$171.52	(N)	$274.46	(N)	$450.00	(N)
26	$178.85	(N)	$286.17	(N)	$450.00	(N)
27	$186.17	(N)	$297.89	(N)	$450.00	(N)
28	$193.49	(N)	$309.60	(N)	$450.00	(N)
29	$200.81	(N)	$321.32	(N)	$450.00	(N)
30	$208.13	(N)	$333.03	(N)	$450.00	(N)
31	$215.45	(N)	$344.75	(N)	$450.00	(N)
32	$222.77	(N)	$356.46	(N)	$450.00	(N)
33	$230.09	(N)	$368.18	(N)	$450.00	(N)
34	$237.42	(N)	$379.89	(N)	$450.00	(N)
35	$244.74	(N)	$391.61	(N)	$450.00	(N)
36	$252.06	(N)	$403.32	(N)	$450.00	(N)
37	$259.38	(N)	$415.04	(N)	$450.00	(N)
38	$266.70	(N)	$426.75	(N)	$450.00	(N)
39	$282.70	(N)	$452.36	(N)	$450.00	(N)
40	$298.70	(N)	$477.96	(N)	$450.00	(N)
41	$314.71	(N)	$503.57	(N)	$450.00	(N)
42	$330.71	(N)	$529.17	(N)	$450.00	(N)
43	$346.71	(N)	$554.78	(N)	$450.00	(N)
44	$362.71	(N)	$580.38	(N)	$450.00	(N)
45	$378.71	(N)	$605.99	(N)	$450.00	(N)
46	$394.72	(N)	$631.59	(N)	$450.00	(N)
47	$410.72	(N)	$657.20	(N)	$450.00	(N)
48	$426.72	(N)	$682.80	(N)	$450.00	(N)
49	$442.72	(N)	$708.41	(N)	$450.00	(N)
50	$458.72	(N)	$734.01	(N)	$450.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(B) Channel Mileage

Rate Band	(1) Channel Mileage Facility Per Mile		(2) Channel Mileage Termination Per Termination	
	Monthly Rate		Monthly Rate	
1	$0.32	(R)	$3.18	(R)
2	$0.63	(R)	$6.36	(R)
3	$0.95	(R)	$9.55	(R)
4	$1.27	(R)	$12.73	(R)
5	$1.79	(R)	$17.97	(R)
6	$2.32	(R)	$23.21	(R)
7	$2.84	(R)	$28.46	(R)
8	$3.36	(R)	$33.70	(R)
9	$3.88	(R)	$38.94	(R)
10	$4.41	(R)	$44.18	(R)
11	$4.93	(R)	$49.42	(R)
12	$5.45	(R)	$54.66	(R)
13	$5.98	(R)	$59.91	(R)
14	$6.50	(R)	$65.15	(R)
15	$7.02	(R)	$70.39	(R)
16	$7.55	(R)	$75.63	(R)
17	$8.07	(I)	$80.87	(I)
18	$8.59	(I)	$86.11	(I)
19	$9.11	(I)	$91.36	(I)
20	$9.64	(I)	$96.60	(I)
21	$10.16	(I)	$101.84	(I)
22	$10.68	(R)	$107.08	(R)
23	$11.21	(R)	$112.32	(R)
24	$11.73	(R)	$117.57	(R)
25	$12.25	(N)	$122.81	(N)
26	$12.77	(N)	$128.05	(N)
27	$13.30	(N)	$133.29	(N)
28	$13.82	(N)	$138.53	(N)
29	$14.34	(N)	$143.77	(N)
30	$14.87	(N)	$149.02	(N)
31	$15.39	(N)	$154.26	(N)
32	$15.91	(N)	$159.50	(N)
33	$16.44	(N)	$164.74	(N)
34	$16.96	(N)	$169.98	(N)
35	$17.48	(N)	$175.22	(N)
36	$18.00	(N)	$180.47	(N)
37	$18.53	(N)	$185.71	(N)
38	$19.05	(N)	$190.95	(N)
39	$20.19	(N)	$202.41	(N)
40	$21.34	(N)	$213.86	(N)
41	$22.48	(N)	$225.32	(N)
42	$23.62	(N)	$236.78	(N)
43	$24.77	(N)	$248.24	(N)
44	$25.91	(N)	$259.69	(N)
45	$27.05	(N)	$271.15	(N)
46	$28.19	(N)	$282.61	(N)
47	$29.34	(N)	$294.06	(N)
48	$30.48	(N)	$305.52	(N)
49	$31.62	(N)	$316.98	(N)
50	$32.77	(N)	$328.43	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions

(1) Bridging

Monthly Rate

(a) Voice Bridging, Per Port

Rate Band	2-Wire		4-Wire	
1	$0.54	(R)	$0.54	(R)
2	$1.07	(R)	$1.07	(R)
3	$1.61	(R)	$1.61	(R)
4	$2.15	(R)	$2.15	(R)
5	$3.03	(R)	$3.03	(R)
6	$3.91	(R)	$3.91	(R)
7	$4.80	(R)	$4.80	(R)
8	$5.68	(R)	$5.68	(R)
9	$6.56	(R)	$6.56	(R)
10	$7.45	(R)	$7.45	(R)
11	$8.33	(R)	$8.33	(R)
12	$9.22	(R)	$9.22	(R)
13	$10.10	(R)	$10.10	(R)
14	$10.98	(R)	$10.98	(R)
15	$11.87	(R)	$11.87	(R)
16	$12.75	(R)	$12.75	(R)
17	$13.63	(R)	$13.63	(R)
18	$14.52	(R)	$14.52	(R)
19	$15.40	(R)	$15.40	(R)
20	$16.28		$16.28	
21	$17.17	(I)	$17.17	(I)
22	$18.05	(R)	$18.05	(R)
23	$18.94	(R)	$18.94	(R)
24	$19.82	(R)	$19.82	(R)
25	$20.70	(N)	$20.70	(N)
26	$21.59	(N)	$21.59	(N)
27	$22.47	(N)	$22.47	(N)
28	$23.35	(N)	$23.35	(N)
29	$24.24	(N)	$24.24	(N)
30	$25.12	(N)	$25.12	(N)
31	$26.00	(N)	$26.00	(N)
32	$26.89	(N)	$26.89	(N)
33	$27.77	(N)	$27.77	(N)
34	$28.66	(N)	$28.66	(N)
35	$29.54	(N)	$29.54	(N)
36	$30.42	(N)	$30.42	(N)
37	$31.31	(N)	$31.31	(N)
38	$32.19	(N)	$32.19	(N)
39	$34.12	(N)	$34.12	(N)
40	$36.05	(N)	$36.05	(N)
41	$37.98	(N)	$37.98	(N)
42	$39.92	(N)	$39.92	(N)
43	$41.85	(N)	$41.85	(N)
44	$43.78	(N)	$43.78	(N)
45	$45.71	(N)	$45.71	(N)
46	$47.64	(N)	$47.64	(N)
47	$49.57	(N)	$49.57	(N)
48	$51.50	(N)	$51.50	(N)
49	$53.44	(N)	$53.44	(N)
50	$55.37	(N)	$55.37	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions (Cont'd)

(1)Bridging (Cont'd)

	Monthly Rate							
	(b) Data Bridging, Per Port				(C) Telephoto Bridging, Per Port			
Rate Band	2-Wire		4-Wire		2-Wire		4-Wire	
1	$0.54	(R)	$0.54	(R)	$0.54	(R)	$0.54	(R)
2	$1.07	(R)	$1.07	(R)	$1.07	(R)	$1.07	(R)
3	$1.61	(R)	$1.61	(R)	$1.61	(R)	$1.61	(R)
4	$2.15	(R)	$2.15	(R)	$2.15	(R)	$2.15	(R)
5	$3.03	(R)	$3.03	(R)	$3.03	(R)	$3.03	(R)
6	$3.91	(R)	$3.91	(R)	$3.91	(R)	$3.91	(R)
7	$4.80	(R)	$4.80	(R)	$4.80	(R)	$4.80	(R)
8	$5.68	(R)	$5.68	(R)	$5.68	(R)	$5.68	(R)
9	$6.56	(R)	$6.56	(R)	$6.56	(R)	$6.56	(R)
10	$7.45	(R)	$7.45	(R)	$7.45	(R)	$7.45	(R)
11	$8.33	(R)	$8.33	(R)	$8.33	(R)	$8.33	(R)
12	$9.22	(R)	$9.22	(R)	$9.22	(R)	$9.22	(R)
13	$10.10	(R)	$10.10	(R)	$10.10	(R)	$10.10	(R)
14	$10.98	(R)	$10.98	(R)	$10.98	(R)	$10.98	(R)
15	$11.87	(R)	$11.87	(R)	$11.87	(R)	$11.87	(R)
16	$12.75	(R)	$12.75	(R)	$12.75	(R)	$12.75	(R)
17	$13.63	(R)	$13.63	(R)	$13.63	(R)	$13.63	(R)
18	$14.52	(R)	$14.52	(R)	$14.52	(R)	$14.52	(R)
19	$15.40	(R)	$15.40	(R)	$15.40	(R)	$15.40	(R)
20	$16.28		$16.28		$16.28		$16.28	
21	$17.17	(I)	$17.17	(I)	$17.17	(I)	$17.17	(I)
22	$18.05	(R)	$18.05	(R)	$18.05	(R)	$18.05	(R)
23	$18.94	(R)	$18.94	(R)	$18.94	(R)	$18.94	(R)
24	$19.82	(R)	$19.82	(R)	$19.82	(R)	$19.82	(R)
25	$20.70	(N)	$20.70	(N)	$20.70	(N)	$20.70	(N)
26	$21.59	(N)	$21.59	(N)	$21.59	(N)	$21.59	(N)
27	$22.47	(N)	$22.47	(N)	$22.47	(N)	$22.47	(N)
28	$23.35	(N)	$23.35	(N)	$23.35	(N)	$23.35	(N)
29	$24.24	(N)	$24.24	(N)	$24.24	(N)	$24.24	(N)
30	$25.12	(N)	$25.12	(N)	$25.12	(N)	$25.12	(N)
31	$26.00	(N)	$26.00	(N)	$26.00	(N)	$26.00	(N)
32	$26.89	(N)	$26.89	(N)	$26.89	(N)	$26.89	(N)
33	$27.77	(N)	$27.77	(N)	$27.77	(N)	$27.77	(N)
34	$28.66	(N)	$28.66	(N)	$28.66	(N)	$28.66	(N)
35	$29.54	(N)	$29.54	(N)	$29.54	(N)	$29.54	(N)
36	$30.42	(N)	$30.42	(N)	$30.42	(N)	$30.42	(N)
37	$31.31	(N)	$31.31	(N)	$31.31	(N)	$31.31	(N)
38	$32.19	(N)	$32.19	(N)	$32.19	(N)	$32.19	(N)
39	$34.12	(N)	$34.12	(N)	$34.12	(N)	$34.12	(N)
40	$36.05	(N)	$36.05	(N)	$36.05	(N)	$36.05	(N)
41	$37.98	(N)	$37.98	(N)	$37.98	(N)	$37.98	(N)
42	$39.92	(N)	$39.92	(N)	$39.92	(N)	$39.92	(N)
43	$41.85	(N)	$41.85	(N)	$41.85	(N)	$41.85	(N)
44	$43.78	(N)	$43.78	(N)	$43.78	(N)	$43.78	(N)
45	$45.71	(N)	$45.71	(N)	$45.71	(N)	$45.71	(N)
46	$47.64	(N)	$47.64	(N)	$47.64	(N)	$47.64	(N)
47	$49.57	(N)	$49.57	(N)	$49.57	(N)	$49.57	(N)
48	$51.50	(N)	$51.50	(N)	$51.50	(N)	$51.50	(N)
49	$53.44	(N)	$53.44	(N)	$53.44	(N)	$53.44	(N)
50	$55.37	(N)	$55.37	(N)	$55.37	(N)	$55.37	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions (Cont'd)

(1) Bridging (Cont'd)

Monthly Rate

(d) DATAPHONE Select-A-Station-Bridging

Rate Band	Sequential Arrangement Ports Per Channel Connected 2-Wire		Sequential Arrangement Ports Per Channel Connected 4-Wire		Addressable Arrangement Ports Per Channel Connected 2-Wire		Addressable Arrangement Ports Per Channel Connected 4-Wire	
1	$1.83	(R)	$9.70	(R)	$1.96	(R)	$8.47	(R)
2	$3.66	(R)	$19.39	(R)	$3.91	(R)	$16.94	(R)
3	$5.49	(R)	$29.09	(R)	$5.87	(R)	$25.41	(R)
4	$7.31	(R)	$38.78	(R)	$7.82	(R)	$33.88	(R)
5	$10.33	(R)	$54.75	(R)	$11.05	(R)	$47.82	(R)
6	$13.34	(R)	$70.72	(R)	$14.27	(R)	$61.77	(R)
7	$16.35	(R)	$86.69	(R)	$17.49	(R)	$75.72	(R)
8	$19.36	(R)	$102.66	(R)	$20.71	(R)	$89.67	(R)
9	$22.37	(R)	$118.63	(R)	$23.93	(R)	$103.62	(R)
10	$25.38	(R)	$134.60	(R)	$27.15	(R)	$117.57	(R)
11	$28.40	(R)	$150.57	(R)	$30.38	(R)	$131.52	(R)
12	$31.41	(R)	$166.53	(R)	$33.60	(R)	$145.47	(R)
13	$34.42	(R)	$182.50	(R)	$36.82	(R)	$159.42	(R)
14	$37.43	(R)	$198.47	(R)	$40.04	(R)	$173.37	(R)
15	$40.44	(R)	$214.44	(R)	$43.26	(R)	$187.31	(R)
16	$43.45	(R)	$230.41	(R)	$46.48	(R)	$201.26	(R)
17	$46.47	(R)	$246.38	(R)	$49.71	(R)	$215.21	(R)
18	$49.48	(R)	$262.35	(R)	$52.93	(R)	$229.16	(R)
19	$52.49	(R)	$278.32	(R)	$56.15	(R)	$243.11	(R)
20	$55.50	(I)	$294.29	(I)	$59.37	(I)	$257.06	(I)
21	$58.51	(I)	$310.26	(I)	$62.59	(I)	$271.01	(I)
22	$61.52	(R)	$326.23	(R)	$65.81	(R)	$284.96	(R)
23	$64.54	(R)	$342.19	(R)	$69.04	(R)	$298.91	(R)
24	$67.55	(R)	$358.16	(R)	$72.26	(R)	$312.85	(R)
25	$70.56	(N)	$374.13	(N)	$75.48	(N)	$326.80	(N)
26	$73.57	(N)	$390.10	(N)	$78.70	(N)	$340.75	(N)
27	$76.58	(N)	$406.07	(N)	$81.92	(N)	$354.70	(N)
28	$79.59	(N)	$422.04	(N)	$85.14	(N)	$368.65	(N)
29	$82.61	(N)	$438.01	(N)	$88.37	(N)	$382.60	(N)
30	$85.62	(N)	$453.98	(N)	$91.59	(N)	$396.55	(N)
31	$88.63	(N)	$469.95	(N)	$94.81	(N)	$410.50	(N)
32	$91.64	(N)	$485.92	(N)	$98.03	(N)	$424.45	(N)
33	$94.65	(N)	$501.88	(N)	$101.25	(N)	$438.40	(N)
34	$97.66	(N)	$517.85	(N)	$104.47	(N)	$452.34	(N)
35	$100.68	(N)	$533.82	(N)	$107.70	(N)	$466.29	(N)
36	$103.69	(N)	$549.79	(N)	$110.92	(N)	$480.24	(N)
37	$106.70	(N)	$565.76	(N)	$114.14	(N)	$494.19	(N)
38	$109.71	(N)	$581.73	(N)	$117.36	(N)	$508.14	(N)
39	$116.29	(N)	$616.63	(N)	$124.40	(N)	$538.63	(N)
40	$122.88	(N)	$651.54	(N)	$131.44	(N)	$569.12	(N)
41	$129.46	(N)	$686.44	(N)	$138.48	(N)	$599.61	(N)
42	$136.04	(N)	$721.35	(N)	$145.53	(N)	$630.09	(N)
43	$142.62	(N)	$756.25	(N)	$152.57	(N)	$660.58	(N)
44	$149.21	(N)	$791.15	(N)	$159.61	(N)	$691.07	(N)
45	$155.79	(N)	$826.06	(N)	$166.65	(N)	$721.56	(N)
46	$162.37	(N)	$860.96	(N)	$173.69	(N)	$752.05	(N)
47	$168.95	(N)	$895.86	(N)	$180.73	(N)	$782.54	(N)
48	$175.54	(N)	$930.77	(N)	$187.78	(N)	$813.02	(N)
49	$182.12	(N)	$965.67	(N)	$194.82	(N)	$843.51	(N)
50	$188.70	(N)	$1,000.58	(N)	$201.86	(N)	$874.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions (Cont'd)

(1)Bridging (Cont'd)

Monthly Rate

(e) Telemetry & Alarm Bridging

Rate Band	Active Bridging Channel Connections Per Channel Connected Split Band		Summation		Passive Bridging Channel Connections Per Channel Connected	
1	$0.85	(R)	$0.33	(R)	$0.02	(R)
2	$1.71	(R)	$0.67	(R)	$0.05	(R)
3	$2.56	(R)	$1.00	(R)	$0.07	(R)
4	$3.42	(R)	$1.34	(R)	$0.09	(R)
5	$4.82	(R)	$1.89	(R)	$0.13	(R)
6	$6.23	(R)	$2.44	(R)	$0.17	(R)
7	$7.64	(R)	$2.99	(R)	$0.21	(R)
8	$9.04	(R)	$3.54	(R)	$0.25	(R)
9	$10.45	(R)	$4.09	(R)	$0.29	(R)
10	$11.86	(R)	$4.64	(R)	$0.33	(R)
11	$13.26	(R)	$5.19	(R)	$0.36	(R)
12	$14.67	(R)	$5.74	(R)	$0.40	(R)
13	$16.08	(R)	$6.29	(R)	$0.44	(R)
14	$17.48	(R)	$6.84	(R)	$0.48	(R)
15	$18.89	(R)	$7.39	(R)	$0.52	(R)
16	$20.30	(R)	$7.94	(R)	$0.56	(R)
17	$21.70	(R)	$8.49	(R)	$0.60	(R)
18	$23.11	(R)	$9.04	(R)	$0.64	
19	$24.51	(R)	$9.59	(R)	$0.67	
20	$25.92		$10.14	(I)	$0.71	
21	$27.33	(I)	$10.69	(I)	$0.75	(I)
22	$28.73	(R)	$11.24	(R)	$0.79	(R)
23	$30.14	(R)	$11.79	(R)	$0.83	(R)
24	$31.55	(R)	$12.34	(R)	$0.87	(R)
25	$32.95	(N)	$12.89	(N)	$0.91	(N)
26	$34.36	(N)	$13.44	(N)	$0.95	(N)
27	$35.77	(N)	$13.99	(N)	$0.98	(N)
28	$37.17	(N)	$14.54	(N)	$1.02	(N)
29	$38.58	(N)	$15.09	(N)	$1.06	(N)
30	$39.99	(N)	$15.64	(N)	$1.10	(N)
31	$41.39	(N)	$16.19	(N)	$1.14	(N)
32	$42.80	(N)	$16.74	(N)	$1.18	(N)
33	$44.21	(N)	$17.29	(N)	$1.22	(N)
34	$45.61	(N)	$17.84	(N)	$1.26	(N)
35	$47.02	(N)	$18.39	(N)	$1.29	(N)
36	$48.43	(N)	$18.94	(N)	$1.33	(N)
37	$49.83	(N)	$19.49	(N)	$1.37	(N)
38	$51.24	(N)	$20.04	(N)	$1.41	(N)
39	$54.31	(N)	$21.24	(N)	$1.49	(N)
40	$57.39	(N)	$22.44	(N)	$1.58	(N)
41	$60.46	(N)	$23.65	(N)	$1.66	(N)
42	$63.54	(N)	$24.85	(N)	$1.75	(N)
43	$66.61	(N)	$26.05	(N)	$1.83	(N)
44	$69.69	(N)	$27.25	(N)	$1.92	(N)
45	$72.76	(N)	$28.46	(N)	$2.00	(N)
46	$75.84	(N)	$29.66	(N)	$2.09	(N)
47	$78.91	(N)	$30.86	(N)	$2.17	(N)
48	$81.98	(N)	$32.06	(N)	$2.26	(N)
49	$85.06	(N)	$33.27	(N)	$2.34	(N)
50	$88.13	(N)	$34.47	(N)	$2.43	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions (Cont'd)

(2) Conditioning, Per Termination

	Monthly Rate															
Rate Band	C-Type		Improved Attenuation Distortion*		Improved Envelope Delay Distortion*		Data Capability		Telephoto Capability		Sealing Current	
1	$0.79	(R)	None		None		$0.70	(R)	$0.74	(R)	None	
2	$1.58	(R)	None		None		$1.40	(R)	$1.49	(R)	None	
3	$2.36	(R)	None		None		$2.10	(R)	$2.23	(R)	None	
4	$3.15	(R)	None		None		$2.80	(R)	$2.97	(R)	None	
5	$4.45	(R)	None		None		$3.95	(R)	$4.20	(R)	None	
6	$5.74	(R)	None		None		$5.10	(R)	$5.42	(R)	None	
7	$7.04	(R)	None		None		$6.25	(R)	$6.64	(R)	None	
8	$8.34	(R)	None		None		$7.41	(R)	$7.87	(R)	None	
9	$9.64	(R)	None		None		$8.56	(R)	$9.09	(R)	None	
10	$10.93	(R)	None		None		$9.71	(R)	$10.31	(R)	None	
11	$12.23	(R)	None		None		$10.86	(R)	$11.54	(R)	None	
12	$13.53	(R)	None		None		$12.01	(R)	$12.76	(R)	None	
13	$14.82	(R)	None		None		$13.17	(R)	$13.99	(R)	None	
14	$16.12	(R)	None		None		$14.32	(R)	$15.21	(R)	None	
15	$17.42	(R)	None		None		$15.47	(R)	$16.43	(R)	None	
16	$18.71	(R)	None		None		$16.62	(R)	$17.66	(R)	None	
17	$20.01	(R)	None		None		$17.78	(R)	$18.88	(R)	None	
18	$21.31	(R)	None		None		$18.93	(R)	$20.10	(R)	None	
19	$22.61	(R)	None		None		$20.08	(R)	$21.33	(R)	None	
20	$23.90		None		None		$21.23		$22.55		None	
21	$25.20	(I)	None		None		$22.38	(I)	$23.78	(I)	None	
22	$26.50	(R)	None		None		$23.54	(R)	$25.00	(R)	None	
23	$27.79	(R)	None		None		$24.69	(R)	$26.22	(R)	None	
24	$29.09	(R)	None		None		$25.84	(R)	$27.45	(R)	None	
25	$30.39	(N)	None	(N)	None	(N)	$26.99	(N)	$28.67	(N)	None	(N)
26	$31.69	(N)	None	(N)	None	(N)	$28.14	(N)	$29.89	(N)	None	(N)
27	$32.98	(N)	None	(N)	None	(N)	$29.30	(N)	$31.12	(N)	None	(N)
28	$34.28	(N)	None	(N)	None	(N)	$30.45	(N)	$32.34	(N)	None	(N)
29	$35.58	(N)	None	(N)	None	(N)	$31.60	(N)	$33.57	(N)	None	(N)
30	$36.87	(N)	None	(N)	None	(N)	$32.75	(N)	$34.79	(N)	None	(N)
31	$38.17	(N)	None	(N)	None	(N)	$33.91	(N)	$36.01	(N)	None	(N)
32	$39.47	(N)	None	(N)	None	(N)	$35.06	(N)	$37.24	(N)	None	(N)
33	$40.76	(N)	None	(N)	None	(N)	$36.21	(N)	$38.46	(N)	None	(N)
34	$42.06	(N)	None	(N)	None	(N)	$37.36	(N)	$39.68	(N)	None	(N)
35	$43.36	(N)	None	(N)	None	(N)	$38.51	(N)	$40.91	(N)	None	(N)
36	$44.66	(N)	None	(N)	None	(N)	$39.67	(N)	$42.13	(N)	None	(N)
37	$45.95	(N)	None	(N)	None	(N)	$40.82	(N)	$43.36	(N)	None	(N)
38	$47.25	(N)	None	(N)	None	(N)	$41.97	(N)	$44.58	(N)	None	(N)
39	$50.09	(N)	None	(N)	None	(N)	$44.49	(N)	$47.25	(N)	None	(N)
40	$52.92	(N)	None	(N)	None	(N)	$47.01	(N)	$49.93	(N)	None	(N)
41	$55.76	(N)	None	(N)	None	(N)	$49.52	(N)	$52.60	(N)	None	(N)
42	$58.59	(N)	None	(N)	None	(N)	$52.04	(N)	$55.28	(N)	None	(N)
43	$61.43	(N)	None	(N)	None	(N)	$54.56	(N)	$57.95	(N)	None	(N)
44	$64.26	(N)	None	(N)	None	(N)	$57.08	(N)	$60.63	(N)	None	(N)
45	$67.10	(N)	None	(N)	None	(N)	$59.60	(N)	$63.30	(N)	None	(N)
46	$69.93	(N)	None	(N)	None	(N)	$62.12	(N)	$65.98	(N)	None	(N)
47	$72.77	(N)	None	(N)	None	(N)	$64.63	(N)	$68.65	(N)	None	(N)
48	$75.60	(N)	None	(N)	None	(N)	$67.15	(N)	$71.33	(N)	None	(N)
49	$78.44	(N)	None	(N)	None	(N)	$69.67	(N)	$74.00	(N)	None	(N)
50	$81.27	(N)	None	(N)	None	(N)	$72.19	(N)	$76.68	(N)	None	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

* Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

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17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions (Cont'd)

(3)Improved Return Loss for Effective 2-Wire or 4-Wire Transmission, Per Termination

Rate Band	Monthly Rate 2-Wire		Monthly Rate 4-Wire	
1	$1.13	(R)	$1.13	(R)
2	$2.25	(R)	$2.25	(R)
3	$3.38	(R)	$3.38	(R)
4	$4.50	(R)	$4.50	(R)
5	$6.36	(R)	$6.36	(R)
6	$8.21	(R)	$8.21	(R)
7	$10.06	(R)	$10.06	(R)
8	$11.92	(R)	$11.92	(R)
9	$13.77	(R)	$13.77	(R)
10	$15.62	(R)	$15.62	(R)
11	$17.48	(R)	$17.48	(R)
12	$19.33	(R)	$19.33	(R)
13	$21.19	(R)	$21.19	(R)
14	$23.04	(R)	$23.04	(R)
15	$24.89	(R)	$24.89	(R)
16	$26.75	(R)	$26.75	(R)
17	$28.60	(R)	$28.60	(R)
18	$30.45	(R)	$30.45	(R)
19	$32.31	(R)	$32.31	(R)
20	$34.16		$34.16	
21	$36.02	(I)	$36.02	(I)
22	$37.87	(R)	$37.87	(R)
23	$39.72	(R)	$39.72	(R)
24	$41.58	(R)	$41.58	(R)
25	$43.43	(N)	$43.43	(N)
26	$45.28	(N)	$45.28	(N)
27	$47.14	(N)	$47.14	(N)
28	$48.99	(N)	$48.99	(N)
29	$50.85	(N)	$50.85	(N)
30	$52.70	(N)	$52.70	(N)
31	$54.55	(N)	$54.55	(N)
32	$56.41	(N)	$56.41	(N)
33	$58.26	(N)	$58.26	(N)
34	$60.11	(N)	$60.11	(N)
35	$61.97	(N)	$61.97	(N)
36	$63.82	(N)	$63.82	(N)
37	$65.68	(N)	$65.68	(N)
38	$67.53	(N)	$67.53	(N)
39	$71.58	(N)	$71.58	(N)
40	$75.63	(N)	$75.63	(N)
41	$79.69	(N)	$79.69	(N)
42	$83.74	(N)	$83.74	(N)
43	$87.79	(N)	$87.79	(N)
44	$91.84	(N)	$91.84	(N)
45	$95.89	(N)	$95.89	(N)
46	$99.94	(N)	$99.94	(N)
47	$104.00	(N)	$104.00	(N)
48	$108.05	(N)	$108.05	(N)
49	$112.10	(N)	$112.10	(N)
50	$116.15	(N)	$116.15	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions (Cont'd)

(4) Customer Specified Receive Level, Per 2-Wire Termination

Rate Band	Monthly Rate	
1	$0.85	(R)
2	$1.70	(R)
3	$2.55	(R)
4	$3.40	(R)
5	$4.80	(R)
6	$6.20	(R)
7	$7.60	(R)
8	$9.01	(R)
9	$10.41	(R)
10	$11.81	(R)
11	$13.21	(R)
12	$14.61	(R)
13	$16.01	(R)
14	$17.41	(R)
15	$18.81	(R)
16	$20.21	(R)
17	$21.61	(R)
18	$23.01	(R)
19	$24.41	(R)
20	$25.82	(I)
21	$27.22	(I)
22	$28.62	(R)
23	$30.02	(R)
24	$31.42	(R)
25	$32.82	(N)
26	$34.22	(N)
27	$35.62	(N)
28	$37.02	(N)
29	$38.42	(N)
30	$39.82	(N)
31	$41.22	(N)
32	$42.63	(N)
33	$44.03	(N)
34	$45.43	(N)
35	$46.83	(N)
36	$48.23	(N)
37	$49.63	(N)
38	$51.03	(N)
39	$54.09	(N)
40	$57.15	(N)
41	$60.22	(N)
42	$63.28	(N)
43	$66.34	(N)
44	$69.40	(N)
45	$72.46	(N)
46	$75.52	(N)
47	$78.59	(N)
48	$81.65	(N)
49	$84.71	(N)
50	$87.77	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions (Cont'd)

(5) Multiplexing, Per Arrangement, Voice to Telegraph Grade

Rate Band	Monthly Rate	
1	$18.63	(R)
2	$37.27	(R)
3	$55.91	(R)
4	$74.54	(R)
5	$105.23	(R)
6	$135.93	(R)
7	$166.62	(R)
8	$197.31	(R)
9	$228.00	(R)
10	$258.70	(R)
11	$289.39	(R)
12	$320.08	(R)
13	$350.78	(R)
14	$381.47	(R)
15	$412.16	(R)
16	$442.86	(R)
17	$473.55	(R)
18	$504.24	(R)
19	$534.93	(R)
20	$565.63	(I)
21	$596.32	(I)
22	$627.01	(R)
23	$657.71	(R)
24	$688.40	(R)
25	$719.09	(N)
26	$749.78	(N)
27	$780.48	(N)
28	$811.17	(N)
29	$841.86	(N)
30	$872.56	(N)
31	$903.25	(N)
32	$933.94	(N)
33	$964.64	(N)
34	$995.33	(N)
35	$1,026.02	(N)
36	$1,056.71	(N)
37	$1,087.41	(N)
38	$1,118.10	(N)
39	$1,185.19	(N)
40	$1,252.27	(N)
41	$1,319.36	(N)
42	$1,386.44	(N)
43	$1,453.53	(N)
44	$1,520.62	(N)
45	$1,587.70	(N)
46	$1,654.79	(N)
47	$1,721.87	(N)
48	$1,788.96	(N)
49	$1,856.05	(N)
50	$1,923.13	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions (Cont'd)

(6) Signaling Capability, Per Termination

Rate Band	Monthly Rate	
1	$1.80	(R)
2	$3.60	(R)
3	$5.41	(R)
4	$7.21	(R)
5	$10.18	(R)
6	$13.14	(R)
7	$16.11	(R)
8	$19.08	(R)
9	$22.05	(R)
10	$25.02	(R)
11	$27.98	(R)
12	$30.95	(R)
13	$33.92	(R)
14	$36.89	(R)
15	$39.86	(R)
16	$42.82	(R)
17	$45.79	(R)
18	$48.76	(R)
19	$51.73	(R)
20	$54.70	(I)
21	$57.66	(I)
22	$60.63	(R)
23	$63.60	(R)
24	$66.57	(R)
25	$69.54	(N)
26	$72.50	(N)
27	$75.47	(N)
28	$78.44	(N)
29	$81.41	(N)
30	$84.38	(N)
31	$87.34	(N)
32	$90.31	(N)
33	$93.28	(N)
34	$96.25	(N)
35	$99.22	(N)
36	$102.18	(N)
37	$105.15	(N)
38	$108.12	(N)
39	$114.61	(N)
40	$121.09	(N)
41	$127.58	(N)
42	$134.07	(N)
43	$140.56	(N)
44	$147.04	(N)
45	$153.53	(N)
46	$160.02	(N)
47	$166.50	(N)
48	$172.99	(N)
49	$179.48	(N)
50	$185.97	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions (Cont'd)

(7) Selective Signaling Arrangement, Per Arrangement

Rate Band	Monthly Rate	
1	$0.54	(R)
2	$1.07	(R)
3	$1.61	(R)
4	$2.15	(R)
5	$3.03	(R)
6	$3.91	(R)
7	$4.80	(R)
8	$5.68	(R)
9	$6.56	(R)
10	$7.45	(R)
11	$8.33	(R)
12	$9.22	(R)
13	$10.10	(R)
14	$10.98	(R)
15	$11.87	(R)
16	$12.75	(R)
17	$13.63	(R)
18	$14.52	(R)
19	$15.40	(R)
20	$16.28	
21	$17.17	(I)
22	$18.05	(R)
23	$18.94	(R)
24	$19.82	(R)
25	$20.70	(N)
26	$21.59	(N)
27	$22.47	(N)
28	$23.35	(N)
29	$24.24	(N)
30	$25.12	(N)
31	$26.00	(N)
32	$26.89	(N)
33	$27.77	(N)
34	$28.66	(N)
35	$29.54	(N)
36	$30.42	(N)
37	$31.31	(N)
38	$32.19	(N)
39	$34.12	(N)
40	$36.05	(N)
41	$37.98	(N)
42	$39.92	(N)
43	$41.85	(N)
44	$43.78	(N)
45	$45.71	(N)
46	$47.64	(N)
47	$49.57	(N)
48	$51.50	(N)
49	$53.44	(N)
50	$55.37	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions (Cont'd)

(8) Transfer Arrangement (Key Activated* or Dial-up**)

Monthly Rate

Rate Band	Per 4 port arrangement incl. control channel termination***		Per 5 port arrangement incl. control channel termination***	
1	$0.26	(R)	$0.59	(R)
2	$0.51	(R)	$1.18	(R)
3	$0.77	(R)	$1.77	(R)
4	$1.03	(R)	$2.36	(R)
5	$1.45	(R)	$3.33	(R)
6	$1.87	(R)	$4.30	(R)
7	$2.30	(R)	$5.27	(R)
8	$2.72	(R)	$6.24	(R)
9	$3.14	(R)	$7.21	(R)
10	$3.57	(R)	$8.18	(R)
11	$3.99	(R)	$9.15	(R)
12	$4.41	(R)	$10.13	(R)
13	$4.84	(R)	$11.10	(R)
14	$5.26	(R)	$12.07	(R)
15	$5.68	(R)	$13.04	(R)
16	$6.11	(R)	$14.01	(R)
17	$6.53	(R)	$14.98	(R)
18	$6.95	(R)	$15.95	(R)
19	$7.38	(R)	$16.92	(R)
20	$7.80		$17.89	(I)
21	$8.22	(I)	$18.86	(I)
22	$8.65	(R)	$19.83	(R)
23	$9.07	(R)	$20.81	(R)
24	$9.49	(R)	$21.78	(R)
25	$9.92	(N)	$22.75	(N)
26	$10.34	(N)	$23.72	(N)
27	$10.76	(N)	$24.69	(N)
28	$11.19	(N)	$25.66	(N)
29	$11.61	(N)	$26.63	(N)
30	$12.03	(N)	$27.60	(N)
31	$12.46	(N)	$28.57	(N)
32	$12.88	(N)	$29.54	(N)
33	$13.30	(N)	$30.52	(N)
34	$13.73	(N)	$31.49	(N)
35	$14.15	(N)	$32.46	(N)
36	$14.57	(N)	$33.43	(N)
37	$15.00	(N)	$34.40	(N)
38	$15.42	(N)	$35.37	(N)
39	$16.35	(N)	$37.49	(N)
40	$17.27	(N)	$39.61	(N)
41	$18.20	(N)	$41.74	(N)
42	$19.12	(N)	$43.86	(N)
43	$20.05	(N)	$45.98	(N)
44	$20.97	(N)	$48.10	(N)
45	$21.90	(N)	$50.23	(N)
46	$22.82	(N)	$52.35	(N)
47	$23.75	(N)	$54.47	(N)
48	$24.67	(N)	$56.59	(N)
49	$25.60	(N)	$58.71	(N)
50	$26.52	(N)	$60.84	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

* The Key Activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

** The Dial-Up option requires the customer to purchase the Controller Arrangement from Section 13.3.4, preceding.

*** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions (Cont'd) (N)

(9) Public Packet Switching Network (PPSN) Interface Arrangement, Per Arrangement (M)

Monthly Rate

ICB

(M)

Certain material currently found on this page previously appeared on 8th Revised Page 17-20.1.

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments. (N) (N)

ICB rates and charges are filed in Section 17.3.9, following. (M)

Director - Access Tariffs
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17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Program Audio Service

Regulations concerning Program Audio Service are set forth in Section 7.7, preceding.

(A) Channel Termination, Per Termination

Rate Band	Monthly Rate		200 to 3500 Hz Daily* Rate		Nonrecurring Charge Monthly/Daily	
1	$4.71	(R)	$0.47	(R)	$450.00	
2	$9.42	(R)	$0.94	(R)	$450.00	
3	$14.13	(R)	$1.41	(R)	$450.00	
4	$18.85	(R)	$1.89	(R)	$450.00	
5	$26.61	(R)	$2.66	(R)	$450.00	
6	$34.37	(R)	$3.44	(R)	$450.00	
7	$42.13	(R)	$4.21	(R)	$450.00	
8	$49.89	(R)	$4.99	(R)	$450.00	
9	$57.65	(R)	$5.77	(R)	$450.00	
10	$65.41	(R)	$6.54	(R)	$450.00	
11	$73.17	(R)	$7.32	(R)	$450.00	
12	$80.93	(R)	$8.09	(R)	$450.00	
13	$88.69	(R)	$8.87	(R)	$450.00	
14	$96.45	(R)	$9.65	(R)	$450.00	
15	$104.21	(R)	$10.42	(R)	$450.00	
16	$111.97	(R)	$11.20	(R)	$450.00	
17	$119.73	(I)	$11.97	(I)	$450.00	
18	$127.49	(I)	$12.75	(I)	$450.00	
19	$135.25	(I)	$13.53	(I)	$450.00	
20	$143.01	(I)	$14.30	(I)	$450.00	
21	$150.77	(I)	$15.08	(I)	$450.00	
22	$158.53	(R)	$15.85	(R)	$450.00	
23	$166.29	(R)	$16.63	(R)	$450.00	
24	$174.05	(R)	$17.41	(R)	$450.00	
25	$181.81	(N)	$18.18	(N)	$450.00	(N)
26	$189.57	(N)	$18.96	(N)	$450.00	(N)
27	$197.33	(N)	$19.73	(N)	$450.00	(N)
28	$205.09	(N)	$20.51	(N)	$450.00	(N)
29	$212.85	(N)	$21.29	(N)	$450.00	(N)
30	$220.61	(N)	$22.06	(N)	$450.00	(N)
31	$228.37	(N)	$22.84	(N)	$450.00	(N)
32	$236.13	(N)	$23.61	(N)	$450.00	(N)
33	$243.89	(N)	$24.39	(N)	$450.00	(N)
34	$251.65	(N)	$25.17	(N)	$450.00	(N)
35	$259.41	(N)	$25.94	(N)	$450.00	(N)
36	$267.17	(N)	$26.72	(N)	$450.00	(N)
37	$274.93	(N)	$27.49	(N)	$450.00	(N)
38	$282.69	(N)	$28.27	(N)	$450.00	(N)
39	$299.65	(N)	$29.97	(N)	$450.00	(N)
40	$316.61	(N)	$31.66	(N)	$450.00	(N)
41	$333.57	(N)	$33.36	(N)	$450.00	(N)
42	$350.54	(N)	$35.05	(N)	$450.00	(N)
43	$367.50	(N)	$36.75	(N)	$450.00	(N)
44	$384.46	(N)	$38.45	(N)	$450.00	(N)
45	$401.42	(N)	$40.14	(N)	$450.00	(N)
46	$418.38	(N)	$41.84	(N)	$450.00	(N)
47	$435.34	(N)	$43.53	(N)	$450.00	(N)
48	$452.30	(N)	$45.23	(N)	$450.00	(N)
49	$469.27	(N)	$46.93	(N)	$450.00	(N)
50	$486.23	(N)	$48.62	(N)	$450.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Program Audio Service (Cont'd)

(A) Channel Termination, Per Termination (Cont'd)

Rate Band	100 to 5000 Hz Monthly Rate		100 to 5000 Hz Daily* Rate		Nonrecurring Charge Monthly/Daily	
1	$8.20	(R)	$0.82	(R)	$450.00	
2	$16.41	(R)	$1.64	(R)	$450.00	
3	$24.61	(R)	$2.46	(R)	$450.00	
4	$32.82	(R)	$3.28	(R)	$450.00	
5	$46.33	(R)	$4.63	(R)	$450.00	
6	$59.84	(R)	$5.98	(R)	$450.00	
7	$73.35	(R)	$7.34	(R)	$450.00	
8	$86.87	(R)	$8.69	(R)	$450.00	
9	$100.38	(R)	$10.04	(R)	$450.00	
10	$113.89	(R)	$11.39	(R)	$450.00	
11	$127.40	(R)	$12.74	(R)	$450.00	
12	$140.92	(R)	$14.09	(R)	$450.00	
13	$154.43	(R)	$15.44	(R)	$450.00	
14	$167.94	(R)	$16.79	(R)	$450.00	
15	$181.45	(R)	$18.15	(R)	$450.00	
16	$194.97	(R)	$19.50	(R)	$450.00	
17	$208.48	(I)	$20.85	(I)	$450.00	
18	$221.99	(I)	$22.20	(I)	$450.00	
19	$235.50	(I)	$23.55	(I)	$450.00	
20	$249.02	(I)	$24.90	(I)	$450.00	
21	$262.53	(I)	$26.25	(I)	$450.00	
22	$276.04	(R)	$27.60	(R)	$450.00	
23	$289.55	(R)	$28.96	(R)	$450.00	
24	$303.07	(R)	$30.31	(R)	$450.00	
25	$316.58	(N)	$31.66	(N)	$450.00	(N)
26	$330.09	(N)	$33.01	(N)	$450.00	(N)
27	$343.60	(N)	$34.36	(N)	$450.00	(N)
28	$357.12	(N)	$35.71	(N)	$450.00	(N)
29	$370.63	(N)	$37.06	(N)	$450.00	(N)
30	$384.14	(N)	$38.41	(N)	$450.00	(N)
31	$397.65	(N)	$39.77	(N)	$450.00	(N)
32	$411.17	(N)	$41.12	(N)	$450.00	(N)
33	$424.68	(N)	$42.47	(N)	$450.00	(N)
34	$438.19	(N)	$43.82	(N)	$450.00	(N)
35	$451.70	(N)	$45.17	(N)	$450.00	(N)
36	$465.22	(N)	$46.52	(N)	$450.00	(N)
37	$478.73	(N)	$47.87	(N)	$450.00	(N)
38	$492.24	(N)	$49.22	(N)	$450.00	(N)
39	$521.77	(N)	$52.18	(N)	$450.00	(N)
40	$551.31	(N)	$55.13	(N)	$450.00	(N)
41	$580.84	(N)	$58.08	(N)	$450.00	(N)
42	$610.38	(N)	$61.04	(N)	$450.00	(N)
43	$639.91	(N)	$63.99	(N)	$450.00	(N)
44	$669.45	(N)	$66.95	(N)	$450.00	(N)
45	$698.98	(N)	$69.90	(N)	$450.00	(N)
46	$728.52	(N)	$72.85	(N)	$450.00	(N)
47	$758.05	(N)	$75.81	(N)	$450.00	(N)
48	$787.58	(N)	$78.76	(N)	$450.00	(N)
49	$817.12	(N)	$81.71	(N)	$450.00	(N)
50	$846.65	(N)	$84.67	(N)	$450.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Program Audio Service (Cont'd)

(A) Channel Termination, Per Termination (Cont'd)

Rate Band	Monthly Rate		50 to 8000 Hz Daily* Rate		Nonrecurring Charge Monthly/Daily	
1	$8.20	(R)	$0.82	(R)	$450.00	
2	$16.41	(R)	$1.64	(R)	$450.00	
3	$24.61	(R)	$2.46	(R)	$450.00	
4	$32.82	(R)	$3.28	(R)	$450.00	
5	$46.33	(R)	$4.63	(R)	$450.00	
6	$59.84	(R)	$5.98	(R)	$450.00	
7	$73.35	(R)	$7.34	(R)	$450.00	
8	$86.87	(R)	$8.69	(R)	$450.00	
9	$100.38	(R)	$10.04	(R)	$450.00	
10	$113.89	(R)	$11.39	(R)	$450.00	
11	$127.40	(R)	$12.74	(R)	$450.00	
12	$140.92	(R)	$14.09	(R)	$450.00	
13	$154.43	(R)	$15.44	(R)	$450.00	
14	$167.94	(R)	$16.79	(R)	$450.00	
15	$181.45	(R)	$18.15	(R)	$450.00	
16	$194.97	(R)	$19.50	(R)	$450.00	
17	$208.48	(I)	$20.85	(I)	$450.00	
18	$221.99	(I)	$22.20	(I)	$450.00	
19	$235.50	(I)	$23.55	(I)	$450.00	
20	$249.02	(I)	$24.90	(I)	$450.00	
21	$262.53	(I)	$26.25	(I)	$450.00	
22	$276.04	(R)	$27.60	(R)	$450.00	
23	$289.55	(R)	$28.96	(R)	$450.00	
24	$303.07	(R)	$30.31	(R)	$450.00	
25	$316.58	(N)	$31.66	(N)	$450.00	(N)
26	$330.09	(N)	$33.01	(N)	$450.00	(N)
27	$343.60	(N)	$34.36	(N)	$450.00	(N)
28	$357.12	(N)	$35.71	(N)	$450.00	(N)
29	$370.63	(N)	$37.06	(N)	$450.00	(N)
30	$384.14	(N)	$38.41	(N)	$450.00	(N)
31	$397.65	(N)	$39.77	(N)	$450.00	(N)
32	$411.17	(N)	$41.12	(N)	$450.00	(N)
33	$424.68	(N)	$42.47	(N)	$450.00	(N)
34	$438.19	(N)	$43.82	(N)	$450.00	(N)
35	$451.70	(N)	$45.17	(N)	$450.00	(N)
36	$465.22	(N)	$46.52	(N)	$450.00	(N)
37	$478.73	(N)	$47.87	(N)	$450.00	(N)
38	$492.24	(N)	$49.22	(N)	$450.00	(N)
39	$521.77	(N)	$52.18	(N)	$450.00	(N)
40	$551.31	(N)	$55.13	(N)	$450.00	(N)
41	$580.84	(N)	$58.08	(N)	$450.00	(N)
42	$610.38	(N)	$61.04	(N)	$450.00	(N)
43	$639.91	(N)	$63.99	(N)	$450.00	(N)
44	$669.45	(N)	$66.95	(N)	$450.00	(N)
45	$698.98	(N)	$69.90	(N)	$450.00	(N)
46	$728.52	(N)	$72.85	(N)	$450.00	(N)
47	$758.05	(N)	$75.81	(N)	$450.00	(N)
48	$787.58	(N)	$78.76	(N)	$450.00	(N)
49	$817.12	(N)	$81.71	(N)	$450.00	(N)
50	$846.65	(N)	$84.67	(N)	$450.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Program Audio Service (Cont'd)

(A) Channel Termination, Per Termination (Cont'd)

Rate Band	Monthly Rate		50 to 15000 Hz Daily* Rate		Nonrecurring Charge Monthly/Daily	
1	$8.20	(R)	$0.82	(R)	$450.00	
2	$16.41	(R)	$1.64	(R)	$450.00	
3	$24.61	(R)	$2.46	(R)	$450.00	
4	$32.82	(R)	$3.28	(R)	$450.00	
5	$46.33	(R)	$4.63	(R)	$450.00	
6	$59.84	(R)	$5.98	(R)	$450.00	
7	$73.35	(R)	$7.34	(R)	$450.00	
8	$86.87	(R)	$8.69	(R)	$450.00	
9	$100.38	(R)	$10.04	(R)	$450.00	
10	$113.89	(R)	$11.39	(R)	$450.00	
11	$127.40	(R)	$12.74	(R)	$450.00	
12	$140.92	(R)	$14.09	(R)	$450.00	
13	$154.43	(R)	$15.44	(R)	$450.00	
14	$167.94	(R)	$16.79	(R)	$450.00	
15	$181.45	(R)	$18.15	(R)	$450.00	
16	$194.97	(R)	$19.50	(R)	$450.00	
17	$208.48	(I)	$20.85	(I)	$450.00	
18	$221.99	(I)	$22.20	(I)	$450.00	
19	$235.50	(I)	$23.55	(I)	$450.00	
20	$249.02	(I)	$24.90	(I)	$450.00	
21	$262.53	(I)	$26.25	(I)	$450.00	
22	$276.04	(R)	$27.60	(R)	$450.00	
23	$289.55	(R)	$28.96	(R)	$450.00	
24	$303.07	(R)	$30.31	(R)	$450.00	
25	$316.58	(N)	$31.66	(N)	$450.00	(N)
26	$330.09	(N)	$33.01	(N)	$450.00	(N)
27	$343.60	(N)	$34.36	(N)	$450.00	(N)
28	$357.12	(N)	$35.71	(N)	$450.00	(N)
29	$370.63	(N)	$37.06	(N)	$450.00	(N)
30	$384.14	(N)	$38.41	(N)	$450.00	(N)
31	$397.65	(N)	$39.77	(N)	$450.00	(N)
32	$411.17	(N)	$41.12	(N)	$450.00	(N)
33	$424.68	(N)	$42.47	(N)	$450.00	(N)
34	$438.19	(N)	$43.82	(N)	$450.00	(N)
35	$451.70	(N)	$45.17	(N)	$450.00	(N)
36	$465.22	(N)	$46.52	(N)	$450.00	(N)
37	$478.73	(N)	$47.87	(N)	$450.00	(N)
38	$492.24	(N)	$49.22	(N)	$450.00	(N)
39	$521.77	(N)	$52.18	(N)	$450.00	(N)
40	$551.31	(N)	$55.13	(N)	$450.00	(N)
41	$580.84	(N)	$58.08	(N)	$450.00	(N)
42	$610.38	(N)	$61.04	(N)	$450.00	(N)
43	$639.91	(N)	$63.99	(N)	$450.00	(N)
44	$669.45	(N)	$66.95	(N)	$450.00	(N)
45	$698.98	(N)	$69.90	(N)	$450.00	(N)
46	$728.52	(N)	$72.85	(N)	$450.00	(N)
47	$758.05	(N)	$75.81	(N)	$450.00	(N)
48	$787.58	(N)	$78.76	(N)	$450.00	(N)
49	$817.12	(N)	$81.71	(N)	$450.00	(N)
59	$846.65	(N)	$84.67	(N)	$450.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Program Audio Service (Cont'd)

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile

Rate Band	200 to 3500 Hz Monthly Rate		200 to 3500 Hz Daily* Rate		100 to 5000 Hz Monthly Rate		100 to 5000 Hz Daily* Rate	
1	$0.32	(R)	$0.03	(R)	$0.63	(R)	$0.06	(R)
2	$0.63	(R)	$0.06	(R)	$1.27	(R)	$0.13	(R)
3	$0.95	(R)	$0.10	(R)	$1.90	(R)	$0.19	(R)
4	$1.27	(R)	$0.13	(R)	$2.53	(R)	$0.25	(R)
5	$1.79	(R)	$0.18	(R)	$3.57	(R)	$0.36	(R)
6	$2.32	(R)	$0.23	(R)	$4.62	(R)	$0.46	(R)
7	$2.84	(R)	$0.28	(R)	$5.66	(R)	$0.57	(R)
8	$3.36	(R)	$0.34	(R)	$6.70	(R)	$0.67	(R)
9	$3.88	(R)	$0.39	(R)	$7.74	(R)	$0.77	(R)
10	$4.41	(R)	$0.44	(R)	$8.79	(R)	$0.88	(R)
11	$4.93	(R)	$0.49	(R)	$9.83	(R)	$0.98	(R)
12	$5.45	(R)	$0.55	(R)	$10.87	(R)	$1.09	(R)
13	$5.98	(R)	$0.60	(R)	$11.92	(R)	$1.19	(R)
14	$6.50	(R)	$0.65	(R)	$12.96	(R)	$1.30	(R)
15	$7.02	(R)	$0.70	(R)	$14.00	(R)	$1.40	(R)
16	$7.55	(R)	$0.76		$15.04	(R)	$1.50	(R)
17	$8.07	(I)	$0.81	(I)	$16.09	(I)	$1.61	(I)
18	$8.59	(I)	$0.86	(I)	$17.13	(I)	$1.71	(I)
19	$9.11	(I)	$0.91	(I)	$18.17	(I)	$1.82	(I)
20	$9.64	(I)	$0.96	(I)	$19.21	(I)	$1.92	(I)
21	$10.16	(I)	$1.02	(I)	$20.26	(I)	$2.03	(I)
22	$10.68	(R)	$1.07	(R)	$21.30	(R)	$2.13	(R)
23	$11.21	(R)	$1.12	(R)	$22.34	(R)	$2.23	(R)
24	$11.73	(R)	$1.17	(R)	$23.38	(R)	$2.34	(R)
25	$12.25	(N)	$1.23	(N)	$24.43	(N)	$2.44	(N)
26	$12.77	(N)	$1.28	(N)	$25.47	(N)	$2.55	(N)
27	$13.30	(N)	$1.33	(N)	$26.51	(N)	$2.65	(N)
28	$13.82	(N)	$1.38	(N)	$27.55	(N)	$2.76	(N)
29	$14.34	(N)	$1.43	(N)	$28.60	(N)	$2.86	(N)
30	$14.87	(N)	$1.49	(N)	$29.64	(N)	$2.96	(N)
31	$15.39	(N)	$1.54	(N)	$30.68	(N)	$3.07	(N)
32	$15.91	(N)	$1.59	(N)	$31.72	(N)	$3.17	(N)
33	$16.44	(N)	$1.64	(N)	$32.77	(N)	$3.28	(N)
34	$16.96	(N)	$1.70	(N)	$33.81	(N)	$3.38	(N)
35	$17.48	(N)	$1.75	(N)	$34.85	(N)	$3.49	(N)
36	$18.00	(N)	$1.80	(N)	$35.89	(N)	$3.59	(N)
37	$18.53	(N)	$1.85	(N)	$36.94	(N)	$3.69	(N)
38	$19.05	(N)	$1.91	(N)	$37.98	(N)	$3.80	(N)
39	$20.19	(N)	$2.02	(N)	$40.26	(N)	$4.03	(N)
40	$21.34	(N)	$2.13	(N)	$42.54	(N)	$4.25	(N)
41	$22.48	(N)	$2.25	(N)	$44.82	(N)	$4.48	(N)
42	$23.62	(N)	$2.36	(N)	$47.10	(N)	$4.71	(N)
43	$24.77	(N)	$2.48	(N)	$49.37	(N)	$4.94	(N)
44	$25.91	(N)	$2.59	(N)	$51.65	(N)	$5.17	(N)
45	$27.05	(N)	$2.71	(N)	$53.93	(N)	$5.39	(N)
46	$28.19	(N)	$2.82	(N)	$56.21	(N)	$5.62	(N)
47	$29.34	(N)	$2.93	(N)	$58.49	(N)	$5.85	(N)
48	$30.48	(N)	$3.05	(N)	$60.77	(N)	$6.08	(N)
49	$31.62	(N)	$3.16	(N)	$63.05	(N)	$6.31	(N)
50	$32.77	(N)	$3.28	(N)	$65.33	(N)	$6.53	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Program Audio Service (Cont'd)

(B) Channel Mileage (Cont'd)

(1) Channel Mileage Facility, Per Mile (Cont'd)

Rate Band	50 to 8000 Hz Monthly Rate		50 to 8000 Hz Daily* Rate		50 to 15000 Hz Monthly Rate		50 to 15000 Hz Daily* Rate	
1	$0.95	(R)	$0.10	(R)	$1.27	(R)	$0.13	(R)
2	$1.90	(R)	$0.19	(R)	$2.53	(R)	$0.25	(R)
3	$2.85	(R)	$0.29	(R)	$3.80	(R)	$0.38	(R)
4	$3.80	(R)	$0.38	(R)	$5.07	(R)	$0.51	(R)
5	$5.37	(R)	$0.54	(R)	$7.15	(R)	$0.72	(R)
6	$6.93	(R)	$0.69	(R)	$9.24	(R)	$0.92	(R)
7	$8.50	(R)	$0.85	(R)	$11.33	(R)	$1.13	(R)
8	$10.06	(R)	$1.01	(R)	$13.42	(R)	$1.34	(R)
9	$11.63	(R)	$1.16	(R)	$15.50	(R)	$1.55	(R)
10	$13.20	(R)	$1.32	(R)	$17.59	(R)	$1.76	(R)
11	$14.76	(R)	$1.48	(R)	$19.68	(R)	$1.97	(R)
12	$16.33	(R)	$1.63	(R)	$21.76	(R)	$2.18	(R)
13	$17.89	(R)	$1.79	(R)	$23.85	(R)	$2.39	(R)
14	$19.46	(R)	$1.95	(R)	$25.94	(R)	$2.59	(R)
15	$21.02	(R)	$2.10	(R)	$28.02	(R)	$2.80	(R)
16	$22.59	(R)	$2.26	(R)	$30.11	(R)	$3.01	(R)
17	$24.15	(I)	$2.42	(I)	$32.20	(I)	$3.22	(I)
18	$25.72	(I)	$2.57	(I)	$34.28	(I)	$3.43	(I)
19	$27.28	(I)	$2.73	(I)	$36.37	(I)	$3.64	(I)
20	$28.85	(I)	$2.89	(I)	$38.46	(I)	$3.85	(I)
21	$30.42	(I)	$3.04	(I)	$40.54	(I)	$4.05	(I)
22	$31.98	(R)	$3.20	(R)	$42.63	(R)	$4.26	(R)
23	$33.55	(R)	$3.36	(R)	$44.72	(R)	$4.47	(R)
24	$35.11	(R)	$3.51	(R)	$46.80	(R)	$4.68	(R)
25	$36.68	(N)	$3.67	(N)	$48.89	(N)	$4.89	(N)
26	$38.24	(N)	$3.82	(N)	$50.98	(N)	$5.10	(N)
27	$39.81	(N)	$3.98	(N)	$53.06	(N)	$5.31	(N)
28	$41.37	(N)	$4.14	(N)	$55.15	(N)	$5.52	(N)
29	$42.94	(N)	$4.29	(N)	$57.24	(N)	$5.72	(N)
30	$44.51	(N)	$4.45	(N)	$59.33	(N)	$5.93	(N)
31	$46.07	(N)	$4.61	(N)	$61.41	(N)	$6.14	(N)
32	$47.64	(N)	$4.76	(N)	$63.50	(N)	$6.35	(N)
33	$49.20	(N)	$4.92	(N)	$65.59	(N)	$6.56	(N)
34	$50.77	(N)	$5.08	(N)	$67.67	(N)	$6.77	(N)
35	$52.33	(N)	$5.23	(N)	$69.76	(N)	$6.98	(N)
36	$53.90	(N)	$5.39	(N)	$71.85	(N)	$7.19	(N)
37	$55.46	(N)	$5.55	(N)	$73.93	(N)	$7.39	(N)
38	$57.03	(N)	$5.70	(N)	$76.02	(N)	$7.60	(N)
39	$60.45	(N)	$6.05	(N)	$80.58	(N)	$8.06	(N)
40	$63.87	(N)	$6.39	(N)	$85.14	(N)	$8.51	(N)
41	$67.30	(N)	$6.73	(N)	$89.70	(N)	$8.97	(N)
42	$70.72	(N)	$7.07	(N)	$94.26	(N)	$9.43	(N)
43	$74.14	(N)	$7.41	(N)	$98.83	(N)	$9.88	(N)
44	$77.56	(N)	$7.76	(N)	$103.39	(N)	$10.34	(N)
45	$80.98	(N)	$8.10	(N)	$107.95	(N)	$10.80	(N)
46	$84.40	(N)	$8.44	(N)	$112.51	(N)	$11.25	(N)
47	$87.83	(N)	$8.78	(N)	$117.07	(N)	$11.71	(N)
48	$91.25	(N)	$9.13	(N)	$121.63	(N)	$12.16	(N)
49	$94.67	(N)	$9.47	(N)	$126.19	(N)	$12.62	(N)
50	$98.09	(N)	$9.81	(N)	$130.75	(N)	$13.08	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

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17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Program Audio Service (Cont'd)

(B) Channel Mileage (Cont'd)

(2) Channel Mileage Termination, Per Termination

Rate Band	200 to 3500 Hz Monthly Rate		200 to 3500 Hz Daily* Rate		100 to 5000 Hz Monthly Rate		100 to 5000 Hz Daily* Rate	
1	$3.18	(R)	$0.32	(R)	$6.36	(R)	$0.64	(R)
2	$6.36	(R)	$0.64	(R)	$12.73	(R)	$1.27	(R)
3	$9.55	(R)	$0.96	(R)	$19.09	(R)	$1.91	(R)
4	$12.73	(R)	$1.27	(R)	$25.45	(R)	$2.55	(R)
5	$17.97	(R)	$1.80	(R)	$35.94	(R)	$3.59	(R)
6	$23.21	(R)	$2.32	(R)	$46.42	(R)	$4.64	(R)
7	$28.46	(R)	$2.85	(R)	$56.90	(R)	$5.69	(R)
8	$33.70	(R)	$3.37	(R)	$67.38	(R)	$6.74	(R)
9	$38.94	(R)	$3.89	(R)	$77.86	(R)	$7.79	(R)
10	$44.18	(R)	$4.42	(R)	$88.34	(R)	$8.83	(R)
11	$49.42	(R)	$4.94	(R)	$98.82	(R)	$9.88	(R)
12	$54.66	(R)	$5.47	(R)	$109.30	(R)	$10.93	(R)
13	$59.91	(R)	$5.99	(R)	$119.78	(R)	$11.98	(R)
14	$65.15	(R)	$6.52	(R)	$130.26	(R)	$13.03	(R)
15	$70.39	(R)	$7.04	(R)	$140.75	(R)	$14.08	(R)
16	$75.63	(R)	$7.56	(R)	$151.23	(R)	$15.12	(R)
17	$80.87	(I)	$8.09	(I)	$161.71	(I)	$16.17	(I)
18	$86.11	(I)	$8.61	(I)	$172.19	(I)	$17.22	(I)
19	$91.36	(I)	$9.14	(I)	$182.67	(I)	$18.27	(I)
20	$96.60	(I)	$9.66	(I)	$193.15	(I)	$19.32	(I)
21	$101.84	(I)	$10.18	(I)	$203.63	(I)	$20.36	(I)
22	$107.08	(R)	$10.71	(R)	$214.11	(R)	$21.41	(R)
23	$112.32	(R)	$11.23	(R)	$224.59	(R)	$22.46	(R)
24	$117.57	(R)	$11.76	(R)	$235.08	(R)	$23.51	(R)
25	$122.81	(N)	$12.28	(N)	$245.56	(N)	$24.56	(N)
26	$128.05	(N)	$12.81	(N)	$256.04	(N)	$25.60	(N)
27	$133.29	(N)	$13.33	(N)	$266.52	(N)	$26.65	(N)
28	$138.53	(N)	$13.85	(N)	$277.00	(N)	$27.70	(N)
29	$143.77	(N)	$14.38	(N)	$287.48	(N)	$28.75	(N)
30	$149.02	(N)	$14.90	(N)	$297.96	(N)	$29.80	(N)
31	$154.26	(N)	$15.43	(N)	$308.44	(N)	$30.84	(N)
32	$159.50	(N)	$15.95	(N)	$318.92	(N)	$31.89	(N)
33	$164.74	(N)	$16.47	(N)	$329.40	(N)	$32.94	(N)
34	$169.98	(N)	$17.00	(N)	$339.89	(N)	$33.99	(N)
35	$175.22	(N)	$17.52	(N)	$350.37	(N)	$35.04	(N)
36	$180.47	(N)	$18.05	(N)	$360.85	(N)	$36.09	(N)
37	$185.71	(N)	$18.57	(N)	$371.33	(N)	$37.13	(N)
38	$190.95	(N)	$19.10	(N)	$381.81	(N)	$38.18	(N)
39	$202.41	(N)	$20.24	(N)	$404.72	(N)	$40.47	(N)
40	$213.86	(N)	$21.39	(N)	$427.63	(N)	$42.76	(N)
41	$225.32	(N)	$22.53	(N)	$450.54	(N)	$45.05	(N)
42	$236.78	(N)	$23.68	(N)	$473.44	(N)	$47.34	(N)
43	$248.24	(N)	$24.82	(N)	$496.35	(N)	$49.64	(N)
44	$259.69	(N)	$25.97	(N)	$519.26	(N)	$51.93	(N)
45	$271.15	(N)	$27.12	(N)	$542.17	(N)	$54.22	(N)
46	$282.61	(N)	$28.26	(N)	$565.08	(N)	$56.51	(N)
47	$294.06	(N)	$29.41	(N)	$587.99	(N)	$58.80	(N)
48	$305.52	(N)	$30.55	(N)	$610.90	(N)	$61.09	(N)
49	$316.98	(N)	$31.70	(N)	$633.80	(N)	$63.38	(N)
50	$328.43	(N)	$32.84	(N)	$656.71	(N)	$65.67	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Program Audio Service (Cont'd)

(B) Channel Mileage (Cont'd)

(2) Channel Mileage Termination, Per Termination (Cont'd)

	50 to 8000 Hz				50 to 15000 Hz			
Rate Band	Monthly Rate		Daily* Rate		Monthly Rate		Daily* Rate	
1	$9.55	(R)	$0.96	(R)	$12.73	(R)	$1.27	(R)
2	$19.09	(R)	$1.91	(R)	$25.45	(R)	$2.55	(R)
3	$28.64	(R)	$2.86	(R)	$38.18	(R)	$3.82	(R)
4	$38.18	(R)	$3.82	(R)	$50.91	(R)	$5.09	(R)
5	$53.91	(R)	$5.39	(R)	$71.87	(R)	$7.19	(R)
6	$69.63	(R)	$6.96	(R)	$92.83	(R)	$9.28	(R)
7	$85.35	(R)	$8.54	(R)	$113.79	(R)	$11.38	(R)
8	$101.08	(R)	$10.11	(R)	$134.75	(R)	$13.48	(R)
9	$116.80	(R)	$11.68	(R)	$155.71	(R)	$15.57	(R)
10	$132.52	(R)	$13.25	(R)	$176.67	(R)	$17.67	(R)
11	$148.24	(R)	$14.82	(R)	$197.64	(R)	$19.76	(R)
12	$163.97	(R)	$16.40	(R)	$218.60	(R)	$21.86	(R)
13	$179.69	(R)	$17.97	(R)	$239.56	(R)	$23.96	(R)
14	$195.41	(R)	$19.54	(R)	$260.52	(R)	$26.05	(R)
15	$211.14	(R)	$21.11	(R)	$281.48	(R)	$28.15	(R)
16	$226.86	(R)	$22.69	(R)	$302.44	(R)	$30.24	(R)
17	$242.58	(I)	$24.26	(I)	$323.40	(I)	$32.34	(I)
18	$258.30	(I)	$25.83	(I)	$344.36	(I)	$34.44	(I)
19	$274.03	(I)	$27.40	(I)	$365.33	(I)	$36.53	(I)
20	$289.75	(I)	$28.98	(I)	$386.29	(I)	$38.63	(I)
21	$305.47	(I)	$30.55	(I)	$407.25	(I)	$40.73	(I)
22	$321.19	(R)	$32.12	(R)	$428.21	(R)	$42.82	(R)
23	$336.92	(R)	$33.69	(R)	$449.17	(R)	$44.92	(R)
24	$352.64	(R)	$35.26	(R)	$470.13	(R)	$47.01	(R)
25	$368.36	(N)	$36.84	(N)	$491.09	(N)	$49.11	(N)
26	$384.09	(N)	$38.41	(N)	$512.05	(N)	$51.21	(N)
27	$399.81	(N)	$39.98	(N)	$533.02	(N)	$53.30	(N)
28	$415.53	(N)	$41.55	(N)	$553.98	(N)	$55.40	(N)
29	$431.25	(N)	$43.13	(N)	$574.94	(N)	$57.49	(N)
30	$446.98	(N)	$44.70	(N)	$595.90	(N)	$59.59	(N)
31	$462.70	(N)	$46.27	(N)	$616.86	(N)	$61.69	(N)
32	$478.42	(N)	$47.84	(N)	$637.82	(N)	$63.78	(N)
33	$494.15	(N)	$49.42	(N)	$658.78	(N)	$65.88	(N)
34	$509.87	(N)	$50.99	(N)	$679.74	(N)	$67.97	(N)
35	$525.59	(N)	$52.56	(N)	$700.71	(N)	$70.07	(N)
36	$541.31	(N)	$54.13	(N)	$721.67	(N)	$72.17	(N)
37	$557.04	(N)	$55.70	(N)	$742.63	(N)	$74.26	(N)
38	$572.76	(N)	$57.28	(N)	$763.59	(N)	$76.36	(N)
39	$607.13	(N)	$60.71	(N)	$809.41	(N)	$80.94	(N)
40	$641.49	(N)	$64.15	(N)	$855.22	(N)	$85.52	(N)
41	$675.86	(N)	$67.59	(N)	$901.04	(N)	$90.10	(N)
42	$710.22	(N)	$71.02	(N)	$946.85	(N)	$94.69	(N)
43	$744.59	(N)	$74.46	(N)	$992.67	(N)	$99.27	(N)
44	$778.95	(N)	$77.90	(N)	$1,038.48	(N)	$103.85	(N)
45	$813.32	(N)	$81.33	(N)	$1,084.30	(N)	$108.43	(N)
46	$847.68	(N)	$84.77	(N)	$1,130.11	(N)	$113.01	(N)
47	$882.05	(N)	$88.21	(N)	$1,175.93	(N)	$117.59	(N)
48	$916.42	(N)	$91.64	(N)	$1,221.74	(N)	$122.17	(N)
49	$950.78	(N)	$95.08	(N)	$1,267.56	(N)	$126.76	(N)
50	$985.15	(N)	$98.52	(N)	$1,313.37	(N)	$131.34	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Program Audio Service (Cont'd)

(C) Optional Features and Functions

Rate Band	(1) Bridging Distribution Amplifier Per Port				(2) Gain Conditioning Per Service				(3) Stereo Per Service			
	Monthly Rate		Daily* Rate		Monthly Rate		Daily* Rate		Monthly Rate		Daily* Rate	
1	$1.64	(R)	$0.16	(R)	$1.15	(R)	$0.12	(R)	$2.03	(R)	$0.20	(R)
2	$3.29	(R)	$0.33	(R)	$2.30	(R)	$0.23	(R)	$4.07	(R)	$0.41	(R)
3	$4.93	(R)	$0.49	(R)	$3.45	(R)	$0.35	(R)	$6.10	(R)	$0.61	(R)
4	$6.58	(R)	$0.66	(R)	$4.59	(R)	$0.46	(R)	$8.13	(R)	$0.81	(R)
5	$9.29	(R)	$0.93	(R)	$6.49	(R)	$0.65	(R)	$11.48	(R)	$1.15	(R)
6	$12.00	(R)	$1.20	(R)	$8.38	(R)	$0.84	(R)	$14.83	(R)	$1.48	(R)
7	$14.70	(R)	$1.47	(R)	$10.27	(R)	$1.03	(R)	$18.18	(R)	$1.82	(R)
8	$17.41	(R)	$1.74	(R)	$12.16	(R)	$1.22	(R)	$21.53	(R)	$2.15	(R)
9	$20.12	(R)	$2.01	(R)	$14.05	(R)	$1.41	(R)	$24.88	(R)	$2.49	(R)
10	$22.83	(R)	$2.28	(R)	$15.94	(R)	$1.59	(R)	$28.23	(R)	$2.82	(R)
11	$25.54	(R)	$2.55	(R)	$17.84	(R)	$1.78	(R)	$31.58	(R)	$3.16	(R)
12	$28.25	(R)	$2.83	(R)	$19.73	(R)	$1.97	(R)	$34.93	(R)	$3.49	(R)
13	$30.96	(R)	$3.10	(R)	$21.62	(R)	$2.16	(R)	$38.28	(R)	$3.83	(R)
14	$33.66	(R)	$3.37	(R)	$23.51	(R)	$2.35	(R)	$41.63	(R)	$4.16	(R)
15	$36.37	(R)	$3.64	(R)	$25.40	(R)	$2.54	(R)	$44.98	(R)	$4.50	(R)
16	$39.08	(R)	$3.91	(R)	$27.29	(R)	$2.73	(R)	$48.33	(R)	$4.83	(R)
17	$41.79	(R)	$4.18	(R)	$29.19	(R)	$2.92	(R)	$51.67	(R)	$5.17	(R)
18	$44.50	(R)	$4.45	(R)	$31.08	(R)	$3.11	(R)	$55.02	(R)	$5.50	(R)
19	$47.21	(R)	$4.72	(R)	$32.97	(R)	$3.30	(R)	$58.37	(R)	$5.84	(R)
20	$49.92	(I)	$4.99		$34.86	(I)	$3.49		$61.72	(I)	$6.17	
21	$52.62	(I)	$5.26	(I)	$36.75	(I)	$3.68	(I)	$65.07	(I)	$6.51	(I)
22	$55.33	(R)	$5.53	(R)	$38.64	(R)	$3.86	(R)	$68.42	(R)	$6.84	(R)
23	$58.04	(R)	$5.80	(R)	$40.54	(R)	$4.05	(R)	$71.77	(R)	$7.18	(R)
24	$60.75	(R)	$6.08	(R)	$42.43	(R)	$4.24	(R)	$75.12	(R)	$7.51	(R)
25	$63.46	(N)	$6.35	(N)	$44.32	(N)	$4.43	(N)	$78.47	(N)	$7.85	(N)
26	$66.17	(N)	$6.62	(N)	$46.21	(N)	$4.62	(N)	$81.82	(N)	$8.18	(N)
27	$68.88	(N)	$6.89	(N)	$48.10	(N)	$4.81	(N)	$85.17	(N)	$8.52	(N)
28	$71.58	(N)	$7.16	(N)	$49.99	(N)	$5.00	(N)	$88.52	(N)	$8.85	(N)
29	$74.29	(N)	$7.43	(N)	$51.89	(N)	$5.19	(N)	$91.87	(N)	$9.19	(N)
30	$77.00	(N)	$7.70	(N)	$53.78	(N)	$5.38	(N)	$95.22	(N)	$9.52	(N)
31	$79.71	(N)	$7.97	(N)	$55.67	(N)	$5.57	(N)	$98.56	(N)	$9.86	(N)
32	$82.42	(N)	$8.24	(N)	$57.56	(N)	$5.76	(N)	$101.91	(N)	$10.19	(N)
33	$85.13	(N)	$8.51	(N)	$59.45	(N)	$5.95	(N)	$105.26	(N)	$10.53	(N)
34	$87.84	(N)	$8.78	(N)	$61.34	(N)	$6.13	(N)	$108.61	(N)	$10.86	(N)
35	$90.54	(N)	$9.05	(N)	$63.24	(N)	$6.32	(N)	$111.96	(N)	$11.20	(N)
36	$93.25	(N)	$9.33	(N)	$65.13	(N)	$6.51	(N)	$115.31	(N)	$11.53	(N)
37	$95.96	(N)	$9.60	(N)	$67.02	(N)	$6.70	(N)	$118.66	(N)	$11.87	(N)
38	$98.67	(N)	$9.87	(N)	$68.91	(N)	$6.89	(N)	$122.01	(N)	$12.20	(N)
39	$104.59	(N)	$10.46	(N)	$73.04	(N)	$7.30	(N)	$129.33	(N)	$12.93	(N)
40	$110.51	(N)	$11.05	(N)	$77.18	(N)	$7.72	(N)	$136.65	(N)	$13.67	(N)
41	$116.43	(N)	$11.64	(N)	$81.31	(N)	$8.13	(N)	$143.97	(N)	$14.40	(N)
42	$122.35	(N)	$12.24	(N)	$85.45	(N)	$8.55	(N)	$151.29	(N)	$15.13	(N)
43	$128.27	(N)	$12.83	(N)	$89.58	(N)	$8.96	(N)	$158.61	(N)	$15.86	(N)
44	$134.19	(N)	$13.42	(N)	$93.72	(N)	$9.37	(N)	$165.93	(N)	$16.59	(N)
45	$140.11	(N)	$14.01	(N)	$97.85	(N)	$9.79	(N)	$173.25	(N)	$17.33	(N)
46	$146.03	(N)	$14.60	(N)	$101.99	(N)	$10.20	(N)	$180.57	(N)	$18.06	(N)
47	$151.95	(N)	$15.20	(N)	$106.12	(N)	$10.61	(N)	$187.90	(N)	$18.79	(N)
48	$157.87	(N)	$15.79	(N)	$110.26	(N)	$11.03	(N)	$195.22	(N)	$19.52	(N)
49	$163.79	(N)	$16.38	(N)	$114.39	(N)	$11.44	(N)	$202.54	(N)	$20.25	(N)
50	$169.71	(N)	$16.97	(N)	$118.53	(N)	$11.85	(N)	$209.86	(N)	$20.99	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.6 Video Service

Regulations concerning Video Service are set forth in Section 7.8, preceding.

(A) Channel Termination, Per Termination

Rate Band	TV-1 or 2 Monthly Rate		TV-1 or 2 Daily* Rate		4TV-5 Monthly Rate		4TV-5 Daily* Rate		Nonrecurring Charge - All	
1	$48.68	(R)	$26.77	(R)	$48.68	(R)	$26.77	(R)	$330.00	
2	$97.35	(R)	$53.54	(R)	$97.35	(R)	$53.54	(R)	$330.00	
3	$146.03	(R)	$80.32	(R)	$146.03	(R)	$80.32	(R)	$330.00	
4	$194.71	(R)	$107.09	(R)	$194.71	(R)	$107.09	(R)	$330.00	
5	$274.88	(R)	$151.18	(R)	$274.88	(R)	$151.18	(R)	$330.00	
6	$355.06	(R)	$195.28	(R)	$355.06	(R)	$195.28	(R)	$330.00	
7	$435.23	(R)	$239.38	(R)	$435.23	(R)	$239.38	(R)	$330.00	
8	$515.41	(R)	$283.48	(R)	$515.41	(R)	$283.48	(R)	$330.00	
9	$595.58	(R)	$327.57	(R)	$595.58	(R)	$327.57	(R)	$330.00	
10	$675.76	(R)	$371.67	(R)	$675.76	(R)	$371.67	(R)	$330.00	
11	$755.93	(R)	$415.76	(R)	$755.93	(R)	$415.76	(R)	$330.00	
12	$836.11	(R)	$459.86	(R)	$836.11	(R)	$459.86	(R)	$330.00	
13	$916.28	(R)	$503.95	(R)	$916.28	(R)	$503.95	(R)	$330.00	
14	$996.46	(R)	$548.05	(R)	$996.46	(R)	$548.05	(R)	$330.00	
15	$1,076.63	(R)	$592.15	(R)	$1,076.63	(R)	$592.15	(R)	$330.00	
16	$1,156.81	(R)	$636.25	(R)	$1,156.81	(R)	$636.25	(R)	$330.00	
17	$1,236.98	(I)	$680.34	(I)	$1,236.98	(I)	$680.34	(I)	$330.00	
18	$1,317.16	(I)	$724.44	(I)	$1,317.16	(I)	$724.44	(I)	$330.00	
19	$1,397.33	(I)	$768.53	(I)	$1,397.33	(I)	$768.53	(I)	$330.00	
20	$1,477.51	(I)	$812.63	(I)	$1,477.51	(I)	$812.63	(I)	$330.00	
21	$1,557.68	(I)	$856.72	(I)	$1,557.68	(I)	$856.72	(I)	$330.00	
22	$1,637.85	(R)	$900.82	(R)	$1,637.85	(R)	$900.82	(R)	$330.00	
23	$1,718.03	(R)	$944.92	(R)	$1,718.03	(R)	$944.92	(R)	$330.00	
24	$1,798.20	(R)	$989.01	(R)	$1,798.20	(R)	$989.01	(R)	$330.00	
25	$1,878.38	(N)	$1,033.11	(N)	$1,878.38	(N)	$1,033.11	(N)	$330.00	(N)
26	$1,958.55	(N)	$1,077.20	(N)	$1,958.55	(N)	$1,077.20	(N)	$330.00	(N)
27	$2,038.73	(N)	$1,121.30	(N)	$2,038.73	(N)	$1,121.30	(N)	$330.00	(N)
28	$2,118.90	(N)	$1,165.40	(N)	$2,118.90	(N)	$1,165.40	(N)	$330.00	(N)
29	$2,199.08	(N)	$1,209.49	(N)	$2,199.08	(N)	$1,209.49	(N)	$330.00	(N)
30	$2,279.25	(N)	$1,253.59	(N)	$2,279.25	(N)	$1,253.59	(N)	$330.00	(N)
31	$2,359.43	(N)	$1,297.69	(N)	$2,359.43	(N)	$1,297.69	(N)	$330.00	(N)
32	$2,439.60	(N)	$1,341.78	(N)	$2,439.60	(N)	$1,341.78	(N)	$330.00	(N)
33	$2,519.78	(N)	$1,385.88	(N)	$2,519.78	(N)	$1,385.88	(N)	$330.00	(N)
34	$2,599.95	(N)	$1,429.97	(N)	$2,599.95	(N)	$1,429.97	(N)	$330.00	(N)
35	$2,680.13	(N)	$1,474.07	(N)	$2,680.13	(N)	$1,474.07	(N)	$330.00	(N)
36	$2,760.30	(N)	$1,518.17	(N)	$2,760.30	(N)	$1,518.17	(N)	$330.00	(N)
37	$2,840.48	(N)	$1,562.26	(N)	$2,840.48	(N)	$1,562.26	(N)	$330.00	(N)
38	$2,920.65	(N)	$1,606.36	(N)	$2,920.65	(N)	$1,606.36	(N)	$330.00	(N)
39	$3,095.89	(N)	$1,702.74	(N)	$3,095.89	(N)	$1,702.74	(N)	$330.00	(N)
40	$3,271.13	(N)	$1,799.12	(N)	$3,271.13	(N)	$1,799.12	(N)	$330.00	(N)
41	$3,446.37	(N)	$1,895.50	(N)	$3,446.37	(N)	$1,895.50	(N)	$330.00	(N)
42	$3,621.61	(N)	$1,991.89	(N)	$3,621.61	(N)	$1,991.89	(N)	$330.00	(N)
43	$3,796.85	(N)	$2,088.27	(N)	$3,796.85	(N)	$2,088.27	(N)	$330.00	(N)
44	$3,972.08	(N)	$2,184.64	(N)	$3,972.08	(N)	$2,184.64	(N)	$330.00	(N)
45	$4,147.32	(N)	$2,281.03	(N)	$4,147.32	(N)	$2,281.03	(N)	$330.00	(N)
46	$4,322.56	(N)	$2,377.41	(N)	$4,322.56	(N)	$2,377.41	(N)	$330.00	(N)
47	$4,497.80	(N)	$2,473.79	(N)	$4,497.80	(N)	$2,473.79	(N)	$330.00	(N)
48	$4,673.04	(N)	$2,570.17	(N)	$4,673.04	(N)	$2,570.17	(N)	$330.00	(N)
49	$4,848.28	(N)	$2,666.55	(N)	$4,848.28	(N)	$2,666.55	(N)	$330.00	(N)
50	$5,023.52	(N)	$2,762.94	(N)	$5,023.52	(N)	$2,762.94	(N)	$330.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.6 Video Service (Cont'd)

(A) Channel Termination, Per Termination (Cont'd)

Rate Band	6TV-5 Monthly Rate		6TV-5 Daily* Rate		TV-15 Monthly Rate		TV-15 Daily* Rate		Nonrecurring Charge - All	
1	$48.68	(R)	$26.77	(R)	$48.68	(R)	$26.77	(R)	$330.00	
2	$97.35	(R)	$53.54	(R)	$97.35	(R)	$53.54	(R)	$330.00	
3	$146.03	(R)	$80.32	(R)	$146.03	(R)	$80.32	(R)	$330.00	
4	$194.71	(R)	$107.09	(R)	$194.71	(R)	$107.09	(R)	$330.00	
5	$274.88	(R)	$151.18	(R)	$274.88	(R)	$151.18	(R)	$330.00	
6	$355.06	(R)	$195.28	(R)	$355.06	(R)	$195.28	(R)	$330.00	
7	$435.23	(R)	$239.38	(R)	$435.23	(R)	$239.38	(R)	$330.00	
8	$515.41	(R)	$283.48	(R)	$515.41	(R)	$283.48	(R)	$330.00	
9	$595.58	(R)	$327.57	(R)	$595.58	(R)	$327.57	(R)	$330.00	
10	$675.76	(R)	$371.67	(R)	$675.76	(R)	$371.67	(R)	$330.00	
11	$755.93	(R)	$415.76	(R)	$755.93	(R)	$415.76	(R)	$330.00	
12	$836.11	(R)	$459.86	(R)	$836.11	(R)	$459.86	(R)	$330.00	
13	$916.28	(R)	$503.95	(R)	$916.28	(R)	$503.95	(R)	$330.00	
14	$996.46	(R)	$548.05	(R)	$996.46	(R)	$548.05	(R)	$330.00	
15	$1,076.63	(R)	$592.15	(R)	$1,076.63	(R)	$592.15	(R)	$330.00	
16	$1,156.81	(R)	$636.25	(R)	$1,156.81	(R)	$636.25	(R)	$330.00	
17	$1,236.98	(I)	$680.34	(I)	$1,236.98	(I)	$680.34	(I)	$330.00	
18	$1,317.16	(I)	$724.44	(I)	$1,317.16	(I)	$724.44	(I)	$330.00	
19	$1,397.33	(I)	$768.53	(I)	$1,397.33	(I)	$768.53	(I)	$330.00	
20	$1,477.51	(I)	$812.63	(I)	$1,477.51	(I)	$812.63	(I)	$330.00	
21	$1,557.68	(I)	$856.72	(I)	$1,557.68	(I)	$856.72	(I)	$330.00	
22	$1,637.85	(R)	$900.82	(R)	$1,637.85	(R)	$900.82	(R)	$330.00	
23	$1,718.03	(R)	$944.92	(R)	$1,718.03	(R)	$944.92	(R)	$330.00	
24	$1,798.20	(R)	$989.01	(R)	$1,798.20	(R)	$989.01	(R)	$330.00	
25	$1,878.38	(N)	$1,033.11	(N)	$1,878.38	(N)	$1,033.11	(N)	$330.00	(N)
56	$1,958.55	(N)	$1,077.20	(N)	$1,958.55	(N)	$1,077.20	(N)	$330.00	(N)
27	$2,038.73	(N)	$1,121.30	(N)	$2,038.73	(N)	$1,121.30	(N)	$330.00	(N)
28	$2,118.90	(N)	$1,165.40	(N)	$2,118.90	(N)	$1,165.40	(N)	$330.00	(N)
29	$2,199.08	(N)	$1,209.49	(N)	$2,199.08	(N)	$1,209.49	(N)	$330.00	(N)
30	$2,279.25	(N)	$1,253.59	(N)	$2,279.25	(N)	$1,253.59	(N)	$330.00	(N)
31	$2,359.43	(N)	$1,297.69	(N)	$2,359.43	(N)	$1,297.69	(N)	$330.00	(N)
32	$2,439.60	(N)	$1,341.78	(N)	$2,439.60	(N)	$1,341.78	(N)	$330.00	(N)
33	$2,519.78	(N)	$1,385.88	(N)	$2,519.78	(N)	$1,385.88	(N)	$330.00	(N)
34	$2,599.95	(N)	$1,429.97	(N)	$2,599.95	(N)	$1,429.97	(N)	$330.00	(N)
35	$2,680.13	(N)	$1,474.07	(N)	$2,680.13	(N)	$1,474.07	(N)	$330.00	(N)
36	$2,760.30	(N)	$1,518.17	(N)	$2,760.30	(N)	$1,518.17	(N)	$330.00	(N)
37	$2,840.48	(N)	$1,562.26	(N)	$2,840.48	(N)	$1,562.26	(N)	$330.00	(N)
38	$2,920.65	(N)	$1,606.36	(N)	$2,920.65	(N)	$1,606.36	(N)	$330.00	(N)
39	$3,095.89	(N)	$1,702.74	(N)	$3,095.89	(N)	$1,702.74	(N)	$330.00	(N)
40	$3,271.13	(N)	$1,799.12	(N)	$3,271.13	(N)	$1,799.12	(N)	$330.00	(N)
41	$3,446.37	(N)	$1,895.50	(N)	$3,446.37	(N)	$1,895.50	(N)	$330.00	(N)
42	$3,621.61	(N)	$1,991.89	(N)	$3,621.61	(N)	$1,991.89	(N)	$330.00	(N)
43	$3,796.85	(N)	$2,088.27	(N)	$3,796.85	(N)	$2,088.27	(N)	$330.00	(N)
44	$3,972.08	(N)	$2,184.64	(N)	$3,972.08	(N)	$2,184.64	(N)	$330.00	(N)
45	$4,147.32	(N)	$2,281.03	(N)	$4,147.32	(N)	$2,281.03	(N)	$330.00	(N)
46	$4,322.56	(N)	$2,377.41	(N)	$4,322.56	(N)	$2,377.41	(N)	$330.00	(N)
47	$4,497.80	(N)	$2,473.79	(N)	$4,497.80	(N)	$2,473.79	(N)	$330.00	(N)
48	$4,673.04	(N)	$2,570.17	(N)	$4,673.04	(N)	$2,570.17	(N)	$330.00	(N)
49	$4,848.28	(N)	$2,666.55	(N)	$4,848.28	(N)	$2,666.55	(N)	$330.00	(N)
50	$5,023.52	(N)	$2,762.94	(N)	$5,023.52	(N)	$2,762.94	(N)	$330.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.6 Video Service (Cont'd)

(B) Channel Mileage

Rate Band	(1) Channel Mileage Facility Per Mile, All: Monthly Rate		(1) Channel Mileage Facility Per Mile, All: Daily* Rate		(2) Channel Mileage Termination Per Termination, All: Monthly Rate		(2) Channel Mileage Termination Per Termination, All: Daily* Rate	
1	$41.43	(R)	$22.79	(R)	$44.14	(R)	$24.28	(R)
2	$82.86	(R)	$45.57	(R)	$88.29	(R)	$48.56	(R)
3	$124.29	(R)	$68.36	(R)	$132.43	(R)	$72.84	(R)
4	$165.73	(R)	$91.15	(R)	$176.57	(R)	$97.11	(R)
5	$233.97	(R)	$128.68	(R)	$249.28	(R)	$137.10	(R)
6	$302.21	(R)	$166.22	(R)	$321.99	(R)	$177.09	(R)
7	$370.45	(R)	$203.75	(R)	$394.69	(R)	$217.08	(R)
8	$438.69	(R)	$241.28	(R)	$467.40	(R)	$257.07	(R)
9	$506.93	(R)	$278.81	(R)	$540.11	(R)	$297.06	(R)
10	$575.17	(R)	$316.34	(R)	$612.82	(R)	$337.05	(R)
11	$643.41	(R)	$353.88	(R)	$685.52	(R)	$377.04	(R)
12	$711.65	(R)	$391.41	(R)	$758.23	(R)	$417.03	(R)
13	$779.89	(R)	$428.94	(R)	$830.94	(R)	$457.02	(R)
14	$848.13	(R)	$466.47	(R)	$903.64	(R)	$497.00	(R)
15	$916.37	(R)	$504.00	(R)	$976.35	(R)	$536.99	(R)
16	$984.61	(R)	$541.54	(R)	$1,049.06	(R)	$576.98	(R)
17	$1,052.85	(I)	$579.07	(I)	$1,121.76	(I)	$616.97	(I)
18	$1,121.09	(I)	$616.60	(I)	$1,194.47	(I)	$656.96	(I)
19	$1,189.33	(I)	$654.13	(I)	$1,267.18	(I)	$696.95	(I)
20	$1,257.57	(I)	$691.66	(I)	$1,339.89	(I)	$736.94	(I)
21	$1,325.81	(I)	$729.20	(I)	$1,412.59	(I)	$776.92	(I)
22	$1,394.05	(R)	$766.73	(R)	$1,485.30	(R)	$816.92	(R)
23	$1,462.29	(R)	$804.26	(R)	$1,558.01	(R)	$856.91	(R)
24	$1,530.53	(R)	$841.79	(R)	$1,630.71	(R)	$896.89	(R)
25	$1,598.77	(N)	$879.32	(N)	$1,703.42	(N)	$936.88	(N)
26	$1,667.01	(N)	$916.86	(N)	$1,776.13	(N)	$976.87	(N)
27	$1,735.25	(N)	$954.39	(N)	$1,848.83	(N)	$1,016.86	(N)
28	$1,803.49	(N)	$991.92	(N)	$1,921.54	(N)	$1,056.85	(N)
29	$1,871.73	(N)	$1,029.45	(N)	$1,994.25	(N)	$1,096.84	(N)
30	$1,939.97	(N)	$1,066.98	(N)	$2,066.95	(N)	$1,136.82	(N)
31	$2,008.21	(N)	$1,104.52	(N)	$2,139.66	(N)	$1,176.81	(N)
32	$2,076.45	(N)	$1,142.05	(N)	$2,212.37	(N)	$1,216.80	(N)
33	$2,144.69	(N)	$1,179.58	(N)	$2,285.08	(N)	$1,256.79	(N)
34	$2,212.93	(N)	$1,217.11	(N)	$2,357.78	(N)	$1,296.78	(N)
35	$2,281.17	(N)	$1,254.64	(N)	$2,430.49	(N)	$1,336.77	(N)
36	$2,349.41	(N)	$1,292.18	(N)	$2,503.20	(N)	$1,376.76	(N)
37	$2,417.65	(N)	$1,329.71	(N)	$2,575.90	(N)	$1,416.75	(N)
38	$2,485.89	(N)	$1,367.24	(N)	$2,648.61	(N)	$1,456.74	(N)
39	$2,635.04	(N)	$1,449.27	(N)	$2,807.53	(N)	$1,544.14	(N)
40	$2,784.20	(N)	$1,531.31	(N)	$2,966.44	(N)	$1,631.54	(N)
41	$2,933.35	(N)	$1,613.34	(N)	$3,125.36	(N)	$1,718.95	(N)
42	$3,082.50	(N)	$1,695.38	(N)	$3,284.28	(N)	$1,806.35	(N)
43	$3,231.66	(N)	$1,777.41	(N)	$3,443.19	(N)	$1,893.75	(N)
44	$3,380.81	(N)	$1,859.45	(N)	$3,602.11	(N)	$1,981.16	(N)
45	$3,529.96	(N)	$1,941.48	(N)	$3,761.03	(N)	$2,068.57	(N)
46	$3,679.12	(N)	$2,023.52	(N)	$3,919.94	(N)	$2,155.97	(N)
47	$3,828.27	(N)	$2,105.55	(N)	$4,078.86	(N)	$2,243.37	(N)
48	$3,977.42	(N)	$2,187.58	(N)	$4,237.78	(N)	$2,330.78	(N)
49	$4,126.58	(N)	$2,269.62	(N)	$4,396.69	(N)	$2,418.18	(N)
50	$4,275.73	(N)	$2,351.65	(N)	$4,555.61	(N)	$2,505.59	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.7 Digital Data Service

Regulations concerning Digital Data Service are set forth in Section 7.9, preceding.

(A) Channel Termination, Per Termination

Rate Band	Monthly Rate 2.4 kbps		4.8 kbps		9.6 kbps		19.2 kbps		56.0 kbps		64.0 kbps		Nonrecurring Charge All	
1	$8.20	(R)	$8.20	(R)	$8.20	(R)	$8.20	(R)	$8.20	(R)	$8.20	(R)	$390.00	
2	$16.41	(R)	$16.41	(R)	$16.41	(R)	$16.41	(R)	$16.41	(R)	$16.41	(R)	$390.00	
3	$24.61	(R)	$24.61	(R)	$24.61	(R)	$24.61	(R)	$24.61	(R)	$24.61	(R)	$390.00	
4	$32.82	(R)	$32.82	(R)	$32.82	(R)	$32.82	(R)	$32.82	(R)	$32.82	(R)	$390.00	
5	$46.33	(R)	$46.33	(R)	$46.33	(R)	$46.33	(R)	$46.33	(R)	$46.33	(R)	$390.00	
6	$59.84	(R)	$59.84	(R)	$59.84	(R)	$59.84	(R)	$59.84	(R)	$59.84	(R)	$390.00	
7	$73.35	(R)	$73.35	(R)	$73.35	(R)	$73.35	(R)	$73.35	(R)	$73.35	(R)	$390.00	
8	$86.87	(R)	$86.87	(R)	$86.87	(R)	$86.87	(R)	$86.87	(R)	$86.87	(R)	$390.00	
9	$100.38	(R)	$100.38	(R)	$100.38	(R)	$100.38	(R)	$100.38	(R)	$100.38	(R)	$390.00	
10	$113.89	(R)	$113.89	(R)	$113.89	(R)	$113.89	(R)	$113.89	(R)	$113.89	(R)	$390.00	
11	$127.40	(R)	$127.40	(R)	$127.40	(R)	$127.40	(R)	$127.40	(R)	$127.40	(R)	$390.00	
12	$140.92	(R)	$140.92	(R)	$140.92	(R)	$140.92	(R)	$140.92	(R)	$140.92	(R)	$390.00	
13	$154.43	(R)	$154.43	(R)	$154.43	(R)	$154.43	(R)	$154.43	(R)	$154.43	(R)	$390.00	
14	$167.94	(R)	$167.94	(R)	$167.94	(R)	$167.94	(R)	$167.94	(R)	$167.94	(R)	$390.00	
15	$181.45	(R)	$181.45	(R)	$181.45	(R)	$181.45	(R)	$181.45	(R)	$181.45	(R)	$390.00	
16	$194.97	(R)	$194.97	(R)	$194.97	(R)	$194.97	(R)	$194.97	(R)	$194.97	(R)	$390.00	
17	$208.48	(I)	$208.48	(I)	$208.48	(I)	$208.48	(I)	$208.48	(I)	$208.48	(I)	$390.00	
18	$221.99	(I)	$221.99	(I)	$221.99	(I)	$221.99	(I)	$221.99	(I)	$221.99	(I)	$390.00	
19	$235.50	(I)	$235.50	(I)	$235.50	(I)	$235.50	(I)	$235.50	(I)	$235.50	(I)	$390.00	
20	$249.02	(I)	$249.02	(I)	$249.02	(I)	$249.02	(I)	$249.02	(I)	$249.02	(I)	$390.00	
21	$262.53	(I)	$262.53	(I)	$262.53	(I)	$262.53	(I)	$262.53	(I)	$262.53	(I)	$390.00	
22	$276.04	(R)	$276.04	(R)	$276.04	(R)	$276.04	(R)	$276.04	(R)	$276.04	(R)	$390.00	
23	$289.55	(R)	$289.55	(R)	$289.55	(R)	$289.55	(R)	$289.55	(R)	$289.55	(R)	$390.00	
24	$303.07	(R)	$303.07	(R)	$303.07	(R)	$303.07	(R)	$303.07	(R)	$303.07	(R)	$390.00	
25	$316.58	(N)	$316.58	(N)	$316.58	(N)	$316.58	(N)	$316.58	(N)	$316.58	(N)	$390.00	(N)
26	$330.09	(N)	$330.09	(N)	$330.09	(N)	$330.09	(N)	$330.09	(N)	$330.09	(N)	$390.00	(N)
27	$343.60	(N)	$343.60	(N)	$343.60	(N)	$343.60	(N)	$343.60	(N)	$343.60	(N)	$390.00	(N)
28	$357.12	(N)	$357.12	(N)	$357.12	(N)	$357.12	(N)	$357.12	(N)	$357.12	(N)	$390.00	(N)
29	$370.63	(N)	$370.63	(N)	$370.63	(N)	$370.63	(N)	$370.63	(N)	$370.63	(N)	$390.00	(N)
30	$384.14	(N)	$384.14	(N)	$384.14	(N)	$384.14	(N)	$384.14	(N)	$384.14	(N)	$390.00	(N)
31	$397.65	(N)	$397.65	(N)	$397.65	(N)	$397.65	(N)	$397.65	(N)	$397.65	(N)	$390.00	(N)
32	$411.17	(N)	$411.17	(N)	$411.17	(N)	$411.17	(N)	$411.17	(N)	$411.17	(N)	$390.00	(N)
33	$424.68	(N)	$424.68	(N)	$424.68	(N)	$424.68	(N)	$424.68	(N)	$424.68	(N)	$390.00	(N)
34	$438.19	(N)	$438.19	(N)	$438.19	(N)	$438.19	(N)	$438.19	(N)	$438.19	(N)	$390.00	(N)
35	$451.70	(N)	$451.70	(N)	$451.70	(N)	$451.70	(N)	$451.70	(N)	$451.70	(N)	$390.00	(N)
36	$465.22	(N)	$465.22	(N)	$465.22	(N)	$465.22	(N)	$465.22	(N)	$465.22	(N)	$390.00	(N)
37	$478.73	(N)	$478.73	(N)	$478.73	(N)	$478.73	(N)	$478.73	(N)	$478.73	(N)	$390.00	(N)
38	$492.24	(N)	$492.24	(N)	$492.24	(N)	$492.24	(N)	$492.24	(N)	$492.24	(N)	$390.00	(N)
39	$521.77	(N)	$521.77	(N)	$521.77	(N)	$521.77	(N)	$521.77	(N)	$521.77	(N)	$390.00	(N)
40	$551.31	(N)	$551.31	(N)	$551.31	(N)	$551.31	(N)	$551.31	(N)	$551.31	(N)	$390.00	(N)
41	$580.84	(N)	$580.84	(N)	$580.84	(N)	$580.84	(N)	$580.84	(N)	$580.84	(N)	$390.00	(N)
42	$610.38	(N)	$610.38	(N)	$610.38	(N)	$610.38	(N)	$610.38	(N)	$610.38	(N)	$390.00	(N)
43	$639.91	(N)	$639.91	(N)	$639.91	(N)	$639.91	(N)	$639.91	(N)	$639.91	(N)	$390.00	(N)
44	$669.45	(N)	$669.45	(N)	$669.45	(N)	$669.45	(N)	$669.45	(N)	$669.45	(N)	$390.00	(N)
45	$698.98	(N)	$698.98	(N)	$698.98	(N)	$698.98	(N)	$698.98	(N)	$698.98	(N)	$390.00	(N)
46	$728.52	(N)	$728.52	(N)	$728.52	(N)	$728.52	(N)	$728.52	(N)	$728.52	(N)	$390.00	(N)
47	$758.05	(N)	$758.05	(N)	$758.05	(N)	$758.05	(N)	$758.05	(N)	$758.05	(N)	$390.00	(N)
48	$787.58	(N)	$787.58	(N)	$787.58	(N)	$787.58	(N)	$787.58	(N)	$787.58	(N)	$390.00	(N)
49	$817.12	(N)	$817.12	(N)	$817.12	(N)	$817.12	(N)	$817.12	(N)	$817.12	(N)	$390.00	(N)
50	$846.65	(N)	$846.65	(N)	$846.65	(N)	$846.65	(N)	$846.65	(N)	$846.65	(N)	$390.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.7 Digital Data Service (Cont'd)

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile

	Monthly Rate											
Rate Band	2.4 kbps		4.8 kbps		9.6 kbps		19.2 kbps		56.0 kbps		64.0 kbps	
1	$0.30	(R)	$0.30	(R)	$0.30	(R)	$0.30	(R)	$0.43	(R)	$0.43	(R)
2	$0.60	(R)	$0.60	(R)	$0.60	(R)	$0.60	(R)	$0.85	(R)	$0.85	(R)
3	$0.91	(R)	$0.91	(R)	$0.91	(R)	$0.91	(R)	$1.28	(R)	$1.28	(R)
4	$1.21	(R)	$1.21	(R)	$1.21	(R)	$1.21	(R)	$1.71	(R)	$1.71	(R)
5	$1.71	(R)	$1.71	(R)	$1.71	(R)	$1.71	(R)	$2.41	(R)	$2.41	(R)
6	$2.20	(R)	$2.20	(R)	$2.20	(R)	$2.20	(R)	$3.11	(R)	$3.11	(R)
7	$2.70	(R)	$2.70	(R)	$2.70	(R)	$2.70	(R)	$3.82	(R)	$3.82	(R)
8	$3.20	(R)	$3.20	(R)	$3.20	(R)	$3.20	(R)	$4.52	(R)	$4.52	(R)
9	$3.70	(R)	$3.70	(R)	$3.70	(R)	$3.70	(R)	$5.22	(R)	$5.22	(R)
10	$4.19	(R)	$4.19	(R)	$4.19	(R)	$4.19	(R)	$5.93	(R)	$5.93	(R)
11	$4.69	(R)	$4.69	(R)	$4.69	(R)	$4.69	(R)	$6.63	(R)	$6.63	(R)
12	$5.19	(R)	$5.19	(R)	$5.19	(R)	$5.19	(R)	$7.33	(R)	$7.33	(R)
13	$5.68	(R)	$5.68	(R)	$5.68	(R)	$5.68	(R)	$8.04	(R)	$8.04	(R)
14	$6.18	(R)	$6.18	(R)	$6.18	(R)	$6.18	(R)	$8.74	(R)	$8.74	(R)
15	$6.68	(R)	$6.68	(R)	$6.68	(R)	$6.68	(R)	$9.44	(R)	$9.44	(R)
16	$7.18	(R)	$7.18	(R)	$7.18	(R)	$7.18	(R)	$10.15	(R)	$10.15	(R)
17	$7.67	(I)	$7.67	(I)	$7.67	(I)	$7.67	(I)	$10.85	(I)	$10.85	(I)
18	$8.17	(I)	$8.17	(I)	$8.17	(I)	$8.17	(I)	$11.55	(I)	$11.55	(I)
19	$8.67	(I)	$8.67	(I)	$8.67	(I)	$8.67	(I)	$12.26	(I)	$12.26	(I)
20	$9.17	(I)	$9.17	(I)	$9.17	(I)	$9.17	(I)	$12.96	(I)	$12.96	(I)
21	$9.66	(I)	$9.66	(I)	$9.66	(I)	$9.66	(I)	$13.66	(I)	$13.66	(I)
22	$10.16	(R)	$10.16	(R)	$10.16	(R)	$10.16	(R)	$14.37	(R)	$14.37	(R)
23	$10.66	(R)	$10.66	(R)	$10.66	(R)	$10.66	(R)	$15.07	(R)	$15.07	(R)
24	$11.16	(R)	$11.16	(R)	$11.16	(R)	$11.16	(R)	$15.77	(R)	$15.77	(R)
25	$11.65	(N)	$11.65	(N)	$11.65	(N)	$11.65	(N)	$16.48	(N)	$16.48	(N)
26	$12.15	(N)	$12.15	(N)	$12.15	(N)	$12.15	(N)	$17.18	(N)	$17.18	(N)
27	$12.65	(N)	$12.65	(N)	$12.65	(N)	$12.65	(N)	$17.88	(N)	$17.88	(N)
28	$13.15	(N)	$13.15	(N)	$13.15	(N)	$13.15	(N)	$18.59	(N)	$18.59	(N)
29	$13.64	(N)	$13.64	(N)	$13.64	(N)	$13.64	(N)	$19.29	(N)	$19.29	(N)
30	$14.14	(N)	$14.14	(N)	$14.14	(N)	$14.14	(N)	$19.99	(N)	$19.99	(N)
31	$14.64	(N)	$14.64	(N)	$14.64	(N)	$14.64	(N)	$20.70	(N)	$20.70	(N)
32	$15.14	(N)	$15.14	(N)	$15.14	(N)	$15.14	(N)	$21.40	(N)	$21.40	(N)
33	$15.63	(N)	$15.63	(N)	$15.63	(N)	$15.63	(N)	$22.10	(N)	$22.10	(N)
34	$16.13	(N)	$16.13	(N)	$16.13	(N)	$16.13	(N)	$22.81	(N)	$22.81	(N)
35	$16.63	(N)	$16.63	(N)	$16.63	(N)	$16.63	(N)	$23.51	(N)	$23.51	(N)
36	$17.13	(N)	$17.13	(N)	$17.13	(N)	$17.13	(N)	$24.21	(N)	$24.21	(N)
37	$17.62	(N)	$17.62	(N)	$17.62	(N)	$17.62	(N)	$24.92	(N)	$24.92	(N)
38	$18.12	(N)	$18.12	(N)	$18.12	(N)	$18.12	(N)	$25.62	(N)	$25.62	(N)
39	$19.21	(N)	$19.21	(N)	$19.21	(N)	$19.21	(N)	$27.16	(N)	$27.16	(N)
40	$20.29	(N)	$20.29	(N)	$20.29	(N)	$20.29	(N)	$28.69	(N)	$28.69	(N)
41	$21.38	(N)	$21.38	(N)	$21.38	(N)	$21.38	(N)	$30.23	(N)	$30.23	(N)
42	$22.47	(N)	$22.47	(N)	$22.47	(N)	$22.47	(N)	$31.77	(N)	$31.77	(N)
43	$23.56	(N)	$23.56	(N)	$23.56	(N)	$23.56	(N)	$33.31	(N)	$33.31	(N)
44	$24.64	(N)	$24.64	(N)	$24.64	(N)	$24.64	(N)	$34.84	(N)	$34.84	(N)
45	$25.73	(N)	$25.73	(N)	$25.73	(N)	$25.73	(N)	$36.38	(N)	$36.38	(N)
46	$26.82	(N)	$26.82	(N)	$26.82	(N)	$26.82	(N)	$37.92	(N)	$37.92	(N)
47	$27.90	(N)	$27.90	(N)	$27.90	(N)	$27.90	(N)	$39.45	(N)	$39.45	(N)
48	$28.99	(N)	$28.99	(N)	$28.99	(N)	$28.99	(N)	$40.99	(N)	$40.99	(N)
49	$30.08	(N)	$30.08	(N)	$30.08	(N)	$30.08	(N)	$42.53	(N)	$42.53	(N)
50	$31.17	(N)	$31.17	(N)	$31.17	(N)	$31.17	(N)	$44.07	(N)	$44.07	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.7 Digital Data Service (Cont'd)

(B) Channel Mileage (Cont'd)

(2) Channel Mileage Termination, Per Termination

Rate Band	Monthly Rate 2.4 kbps		4.8 kbps		9.6 kbps		19.2 kbps		56.0 kbps		64.0 kbps	
1	$3.02	(R)	$3.02	(R)	$3.02	(R)	$3.02	(R)	$4.28	(R)	$4.28	(R)
2	$6.05	(R)	$6.05	(R)	$6.05	(R)	$6.05	(R)	$8.57	(R)	$8.57	(R)
3	$9.07	(R)	$9.07	(R)	$9.07	(R)	$9.07	(R)	$12.85	(R)	$12.85	(R)
4	$12.09	(R)	$12.09	(R)	$12.09	(R)	$12.09	(R)	$17.13	(R)	$17.13	(R)
5	$17.07	(R)	$17.07	(R)	$17.07	(R)	$17.07	(R)	$24.19	(R)	$24.19	(R)
6	$22.05	(R)	$22.05	(R)	$22.05	(R)	$22.05	(R)	$31.24	(R)	$31.24	(R)
7	$27.03	(R)	$27.03	(R)	$27.03	(R)	$27.03	(R)	$38.30	(R)	$38.30	(R)
8	$32.01	(R)	$32.01	(R)	$32.01	(R)	$32.01	(R)	$45.35	(R)	$45.35	(R)
9	$36.99	(R)	$36.99	(R)	$36.99	(R)	$36.99	(R)	$52.41	(R)	$52.41	(R)
10	$41.97	(R)	$41.97	(R)	$41.97	(R)	$41.97	(R)	$59.47	(R)	$59.47	(R)
11	$46.95	(R)	$46.95	(R)	$46.95	(R)	$46.95	(R)	$66.52	(R)	$66.52	(R)
12	$51.92	(R)	$51.92	(R)	$51.92	(R)	$51.92	(R)	$73.58	(R)	$73.58	(R)
13	$56.90	(R)	$56.90	(R)	$56.90	(R)	$56.90	(R)	$80.63	(R)	$80.63	(R)
14	$61.88	(R)	$61.88	(R)	$61.88	(R)	$61.88	(R)	$87.69	(R)	$87.69	(R)
15	$66.86	(R)	$66.86	(R)	$66.86	(R)	$66.86	(R)	$94.74	(R)	$94.74	(R)
16	$71.84	(R)	$71.84	(R)	$71.84	(R)	$71.84	(R)	$101.80	(R)	$101.80	(R)
17	$76.82	(I)	$76.82	(I)	$76.82	(I)	$76.82	(I)	$108.85	(I)	$108.85	(I)
18	$81.80	(I)	$81.80	(I)	$81.80	(I)	$81.80	(I)	$115.91	(I)	$115.91	(I)
19	$86.78	(I)	$86.78	(I)	$86.78	(I)	$86.78	(I)	$122.96	(I)	$122.96	(I)
20	$91.76	(I)	$91.76	(I)	$91.76	(I)	$91.76	(I)	$130.02	(I)	$130.02	(I)
21	$96.74	(I)	$96.74	(I)	$96.74	(I)	$96.74	(I)	$137.07	(I)	$137.07	(I)
22	$101.72	(R)	$101.72	(R)	$101.72	(R)	$101.72	(R)	$144.13	(R)	$144.13	(R)
23	$106.69	(R)	$106.69	(R)	$106.69	(R)	$106.69	(R)	$151.18	(R)	$151.18	(R)
24	$111.67	(R)	$111.67	(R)	$111.67	(R)	$111.67	(R)	$158.24	(R)	$158.24	(R)
25	$116.65	(N)	$116.65	(N)	$116.65	(N)	$116.65	(N)	$165.29	(N)	$165.29	(N)
26	$121.63	(N)	$121.63	(N)	$121.63	(N)	$121.63	(N)	$172.35	(N)	$172.35	(N)
27	$126.61	(N)	$126.61	(N)	$126.61	(N)	$126.61	(N)	$179.40	(N)	$179.40	(N)
28	$131.59	(N)	$131.59	(N)	$131.59	(N)	$131.59	(N)	$186.46	(N)	$186.46	(N)
29	$136.57	(N)	$136.57	(N)	$136.57	(N)	$136.57	(N)	$193.51	(N)	$193.51	(N)
30	$141.55	(N)	$141.55	(N)	$141.55	(N)	$141.55	(N)	$200.57	(N)	$200.57	(N)
31	$146.53	(N)	$146.53	(N)	$146.53	(N)	$146.53	(N)	$207.62	(N)	$207.62	(N)
32	$151.51	(N)	$151.51	(N)	$151.51	(N)	$151.51	(N)	$214.68	(N)	$214.68	(N)
33	$156.48	(N)	$156.48	(N)	$156.48	(N)	$156.48	(N)	$221.73	(N)	$221.73	(N)
34	$161.46	(N)	$161.46	(N)	$161.46	(N)	$161.46	(N)	$228.79	(N)	$228.79	(N)
35	$166.44	(N)	$166.44	(N)	$166.44	(N)	$166.44	(N)	$235.84	(N)	$235.84	(N)
36	$171.42	(N)	$171.42	(N)	$171.42	(N)	$171.42	(N)	$242.90	(N)	$242.90	(N)
37	$176.40	(N)	$176.40	(N)	$176.40	(N)	$176.40	(N)	$249.95	(N)	$249.95	(N)
38	$181.38	(N)	$181.38	(N)	$181.38	(N)	$181.38	(N)	$257.01	(N)	$257.01	(N)
39	$192.26	(N)	$192.26	(N)	$192.26	(N)	$192.26	(N)	$272.43	(N)	$272.43	(N)
40	$203.15	(N)	$203.15	(N)	$203.15	(N)	$203.15	(N)	$287.85	(N)	$287.85	(N)
41	$214.03	(N)	$214.03	(N)	$214.03	(N)	$214.03	(N)	$303.27	(N)	$303.27	(N)
42	$224.91	(N)	$224.91	(N)	$224.91	(N)	$224.91	(N)	$318.69	(N)	$318.69	(N)
43	$235.79	(N)	$235.79	(N)	$235.79	(N)	$235.79	(N)	$334.11	(N)	$334.11	(N)
44	$246.68	(N)	$246.68	(N)	$246.68	(N)	$246.68	(N)	$349.53	(N)	$349.53	(N)
45	$257.56	(N)	$257.56	(N)	$257.56	(N)	$257.56	(N)	$364.95	(N)	$364.95	(N)
46	$268.44	(N)	$268.44	(N)	$268.44	(N)	$268.44	(N)	$380.37	(N)	$380.37	(N)
47	$279.33	(N)	$279.33	(N)	$279.33	(N)	$279.33	(N)	$395.80	(N)	$395.80	(N)
48	$290.21	(N)	$290.21	(N)	$290.21	(N)	$290.21	(N)	$411.22	(N)	$411.22	(N)
49	$301.09	(N)	$301.09	(N)	$301.09	(N)	$301.09	(N)	$426.64	(N)	$426.64	(N)
50	$311.97	(N)	$311.97	(N)	$311.97	(N)	$311.97	(N)	$442.06	(N)	$442.06	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.7 Digital Data Service (Cont'd)

(C) Optional Features and Functions

	Monthly Rate							
Rate Band	(1) Bridging Per Port		(2) Loop Transfer Arrangement Per 4 Port Arrangement* Key Activated** or Dial-Up***		(3) Public Packet Switching Network Interface Arrangement 9.6 kbps		56.0 kbps	
1	$0.72	(R)	$0.51	(R)	ICB		ICB	
2	$1.44	(R)	$1.02	(R)	ICB		ICB	
3	$2.17	(R)	$1.53	(R)	ICB		ICB	
4	$2.89	(R)	$2.05	(R)	ICB		ICB	
5	$4.08	(R)	$2.89	(R)	ICB		ICB	
6	$5.27	(R)	$3.73	(R)	ICB		ICB	
7	$6.46	(R)	$4.57	(R)	ICB		ICB	
8	$7.64	(R)	$5.42	(R)	ICB		ICB	
9	$8.83	(R)	$6.26	(R)	ICB		ICB	
10	$10.02	(R)	$7.10	(R)	ICB		ICB	
11	$11.21	(R)	$7.94	(R)	ICB		ICB	
12	$12.40	(R)	$8.79	(R)	ICB		ICB	
13	$13.59	(R)	$9.63	(R)	ICB		ICB	
14	$14.78	(R)	$10.47	(R)	ICB		ICB	
15	$15.97	(R)	$11.31	(R)	ICB		ICB	
16	$17.16	(R)	$12.16	(R)	ICB		ICB	
17	$18.35	(R)	$13.00	(R)	ICB		ICB	
18	$19.54	(R)	$13.84	(R)	ICB		ICB	
19	$20.73	(R)	$14.68	(R)	ICB		ICB	
20	$21.91		$15.53		ICB		ICB	
21	$23.10	(I)	$16.37	(I)	ICB		ICB	
22	$24.29	(R)	$17.21	(R)	ICB		ICB	
23	$25.48	(R)	$18.05	(R)	ICB		ICB	
24	$26.67	(R)	$18.90	(R)	ICB		ICB	
25	$27.86	(N)	$19.74	(N)	ICB	(N)	ICB	(N)
26	$29.05	(N)	$20.58	(N)	ICB	(N)	ICB	(N)
27	$30.24	(N)	$21.42	(N)	ICB	(N)	ICB	(N)
28	$31.43	(N)	$22.27	(N)	ICB	(N)	ICB	(N)
29	$32.62	(N)	$23.11	(N)	ICB	(N)	ICB	(N)
30	$33.81	(N)	$23.95	(N)	ICB	(N)	ICB	(N)
31	$35.00	(N)	$24.79	(N)	ICB	(N)	ICB	(N)
32	$36.18	(N)	$25.64	(N)	ICB	(N)	ICB	(N)
33	$37.37	(N)	$26.48	(N)	ICB	(N)	ICB	(N)
34	$38.56	(N)	$27.32	(N)	ICB	(N)	ICB	(N)
35	$39.75	(N)	$28.16	(N)	ICB	(N)	ICB	(N)
36	$40.94	(N)	$29.01	(N)	ICB	(N)	ICB	(N)
37	$42.13	(N)	$29.85	(N)	ICB	(N)	ICB	(N)
38	$43.32	(N)	$30.69	(N)	ICB	(N)	ICB	(N)
39	$45.92	(N)	$32.53	(N)	ICB	(N)	ICB	(N)
40	$48.52	(N)	$34.37	(N)	ICB	(N)	ICB	(N)
41	$51.12	(N)	$36.21	(N)	ICB	(N)	ICB	(N)
42	$53.72	(N)	$38.06	(N)	ICB	(N)	ICB	(N)
43	$56.32	(N)	$39.90	(N)	ICB	(N)	ICB	(N)
44	$58.92	(N)	$41.74	(N)	ICB	(N)	ICB	(N)
45	$61.51	(N)	$43.58	(N)	ICB	(N)	ICB	(N)
46	$64.11	(N)	$45.42	(N)	ICB	(N)	ICB	(N)
47	$66.71	(N)	$47.26	(N)	ICB	(N)	ICB	(N)
48	$69.31	(N)	$49.10	(N)	ICB	(N)	ICB	(N)
49	$71.91	(N)	$50.95	(N)	ICB	(N)	ICB	(N)
50	$74.51	(N)	$52.79	(N)	ICB	(N)	ICB	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ICB Rates and Charges are filed in Section 17.3.9, following.

* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

** The Key Activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

*** The Dial-Up option requires the customer to purchase the Controller Arrangement from Section 13.3.4, preceding.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.7 Digital Data Service (Cont'd)

(D) Channel Service Unit Per Termination ****

Rate Band	Monthly Rate 2.4 kbps		4.8 kbps		9.6 kbps		56.0 kbps	
1	$2.56	(R)	$2.56	(R)	$2.56	(R)	$2.56	(R)
2	$5.12	(R)	$5.12	(R)	$5.12	(R)	$5.12	(R)
3	$7.68	(R)	$7.68	(R)	$7.68	(R)	$7.68	(R)
4	$10.23	(R)	$10.23	(R)	$10.23	(R)	$10.23	(R)
5	$14.45	(R)	$14.45	(R)	$14.45	(R)	$14.45	(R)
6	$18.66	(R)	$18.66	(R)	$18.66	(R)	$18.66	(R)
7	$22.88	(R)	$22.88	(R)	$22.88	(R)	$22.88	(R)
8	$27.09	(R)	$27.09	(R)	$27.09	(R)	$27.09	(R)
9	$31.30	(R)	$31.30	(R)	$31.30	(R)	$31.30	(R)
10	$35.52	(R)	$35.52	(R)	$35.52	(R)	$35.52	(R)
11	$39.73	(R)	$39.73	(R)	$39.73	(R)	$39.73	(R)
12	$43.95	(R)	$43.95	(R)	$43.95	(R)	$43.95	(R)
13	$48.16	(R)	$48.16	(R)	$48.16	(R)	$48.16	(R)
14	$52.37	(R)	$52.37	(R)	$52.37	(R)	$52.37	(R)
15	$56.59	(R)	$56.59	(R)	$56.59	(R)	$56.59	(R)
16	$60.80	(R)	$60.80	(R)	$60.80	(R)	$60.80	(R)
17	$65.02	(R)	$65.02	(R)	$65.02	(R)	$65.02	(R)
18	$69.23	(R)	$69.23	(R)	$69.23	(R)	$69.23	(R)
19	$73.44	(R)	$73.44	(R)	$73.44	(R)	$73.44	(R)
20	$77.66	(I)	$77.66	(I)	$77.66	(I)	$77.66	(I)
21	$81.87	(I)	$81.87	(I)	$81.87	(I)	$81.87	(I)
22	$86.09	(R)	$86.09	(R)	$86.09	(R)	$86.09	(R)
23	$90.30	(R)	$90.30	(R)	$90.30	(R)	$90.30	(R)
24	$94.51	(R)	$94.51	(R)	$94.51	(R)	$94.51	(R)
25	$98.73	(N)	$98.73	(N)	$98.73	(N)	$98.73	(N)
26	$102.94	(N)	$102.94	(N)	$102.94	(N)	$102.94	(N)
27	$107.16	(N)	$107.16	(N)	$107.16	(N)	$107.16	(N)
28	$111.37	(N)	$111.37	(N)	$111.37	(N)	$111.37	(N)
29	$115.58	(N)	$115.58	(N)	$115.58	(N)	$115.58	(N)
30	$119.80	(N)	$119.80	(N)	$119.80	(N)	$119.80	(N)
31	$124.01	(N)	$124.01	(N)	$124.01	(N)	$124.01	(N)
32	$128.23	(N)	$128.23	(N)	$128.23	(N)	$128.23	(N)
33	$132.44	(N)	$132.44	(N)	$132.44	(N)	$132.44	(N)
34	$136.65	(N)	$136.65	(N)	$136.65	(N)	$136.65	(N)
35	$140.87	(N)	$140.87	(N)	$140.87	(N)	$140.87	(N)
36	$145.08	(N)	$145.08	(N)	$145.08	(N)	$145.08	(N)
37	$149.30	(N)	$149.30	(N)	$149.30	(N)	$149.30	(N)
38	$153.51	(N)	$153.51	(N)	$153.51	(N)	$153.51	(N)
39	$162.72	(N)	$162.72	(N)	$162.72	(N)	$162.72	(N)
40	$171.93	(N)	$171.93	(N)	$171.93	(N)	$171.93	(N)
41	$181.14	(N)	$181.14	(N)	$181.14	(N)	$181.14	(N)
42	$190.35	(N)	$190.35	(N)	$190.35	(N)	$190.35	(N)
43	$199.56	(N)	$199.56	(N)	$199.56	(N)	$199.56	(N)
44	$208.77	(N)	$208.77	(N)	$208.77	(N)	$208.77	(N)
45	$217.98	(N)	$217.98	(N)	$217.98	(N)	$217.98	(N)
46	$227.19	(N)	$227.19	(N)	$227.19	(N)	$227.19	(N)
47	$236.41	(N)	$236.41	(N)	$236.41	(N)	$236.41	(N)
48	$245.62	(N)	$245.62	(N)	$245.62	(N)	$245.62	(N)
49	$254.83	(N)	$254.83	(N)	$254.83	(N)	$254.83	(N)
50	$264.04	(N)	$264.04	(N)	$264.04	(N)	$264.04	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

**** Channel Service Units will only be provided under tariff if they existed in the Telephone Company's inventory as of November 18, 1983.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service

Regulations concerning High Capacity Service are set forth in Section 7.10, preceding.

(A) Channel Termination, Per Termination

DS1 1.544 Mbps

Rate Band	Monthly Rate		Nonrecurring Charge	
1	$20.46	(R)	$330.00	
2	$40.91	(R)	$330.00	
3	$61.37	(R)	$330.00	
4	$81.82	(R)	$330.00	
5	$115.51	(R)	$330.00	
6	$149.20	(R)	$330.00	
7	$182.90	(R)	$330.00	
8	$216.59	(R)	$330.00	
9	$250.28	(R)	$330.00	
10	$283.97	(R)	$330.00	
11	$317.66	(R)	$330.00	
12	$351.35	(R)	$330.00	
13	$385.04	(R)	$330.00	
14	$418.74	(R)	$330.00	
15	$452.43	(R)	$330.00	
16	$486.12	(R)	$330.00	
17	$519.81	(I)	$330.00	
18	$553.50	(I)	$330.00	
19	$587.19	(I)	$330.00	
20	$620.88	(I)	$330.00	
21	$654.58	(I)	$330.00	
22	$688.27	(R)	$330.00	
23	$721.96	(R)	$330.00	
24	$755.65	(R)	$330.00	
25	$789.34	(N)	$330.00	(N)
26	$823.03	(N)	$330.00	(N)
27	$856.72	(N)	$330.00	(N)
28	$890.42	(N)	$330.00	(N)
29	$924.11	(N)	$330.00	(N)
30	$957.80	(N)	$330.00	(N)
31	$991.49	(N)	$330.00	(N)
32	$1,025.18	(N)	$330.00	(N)
33	$1,058.87	(N)	$330.00	(N)
34	$1,092.56	(N)	$330.00	(N)
35	$1,126.26	(N)	$330.00	(N)
36	$1,159.95	(N)	$330.00	(N)
37	$1,193.64	(N)	$330.00	(N)
38	$1,227.33	(N)	$330.00	(N)
39	$1,300.97	(N)	$330.00	(N)
40	$1,374.61	(N)	$330.00	(N)
41	$1,448.25	(N)	$330.00	(N)
42	$1,521.89	(N)	$330.00	(N)
43	$1,595.53	(N)	$330.00	(N)
44	$1,669.17	(N)	$330.00	(N)
45	$1,742.81	(N)	$330.00	(N)
46	$1,816.45	(N)	$330.00	(N)
47	$1,890.09	(N)	$330.00	(N)
48	$1,963.73	(N)	$330.00	(N)
49	$2,037.37	(N)	$330.00	(N)
50	$2,111.01	(N)	$330.00	(N)

DS1C 3.152 Mbps

Monthly Rate	Nonrecurring Charge
ICB	ICB

DS2 6.312 Mbps

Monthly Rate	Nonrecurring Charge
ICB	ICB

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ICB rates and charges are filed in Section 17.3.9, following.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service

(A) Channel Termination, Per Termination (Cont'd)

DS3 44.736 Mbps

Rate Band	Monthly Rate		Nonrecurring Charge	
1	$168.64	(R)	$445.00	
2	$337.28	(R)	$445.00	
3	$505.92	(R)	$445.00	
4	$674.57	(R)	$445.00	
5	$952.33	(R)	$445.00	
6	$1,230.09	(R)	$445.00	
7	$1,507.85	(R)	$445.00	
8	$1,785.62	(R)	$445.00	
9	$2,063.38	(R)	$445.00	
10	$2,341.14	(R)	$445.00	
11	$2,618.90	(R)	$445.00	
12	$2,896.67	(R)	$445.00	
13	$3,174.43	(R)	$445.00	
14	$3,452.19	(R)	$445.00	
15	$3,729.95	(R)	$445.00	
16	$4,007.72	(R)	$445.00	
17	$4,285.48	(I)	$445.00	
18	$4,563.24	(I)	$445.00	
19	$4,841.00	(I)	$445.00	
20	$5,118.77	(I)	$445.00	
21	$5,396.53	(I)	$445.00	
22	$5,674.29	(R)	$445.00	
23	$5,952.05	(R)	$445.00	
24	$6,229.82	(R)	$445.00	
25	$6,507.58	(N)	$445.00	(N)
26	$6,785.34	(N)	$445.00	(N)
27	$7,063.10	(N)	$445.00	(N)
28	$7,340.87	(N)	$445.00	(N)
29	$7,618.63	(N)	$445.00	(N)
30	$7,896.39	(N)	$445.00	(N)
31	$8,174.15	(N)	$445.00	(N)
32	$8,451.92	(N)	$445.00	(N)
33	$8,729.68	(N)	$445.00	(N)
34	$9,007.44	(N)	$445.00	(N)
35	$9,285.20	(N)	$445.00	(N)
36	$9,562.97	(N)	$445.00	(N)
37	$9,840.73	(N)	$445.00	(N)
38	$10,118.49	(N)	$445.00	(N)
39	$10,725.60	(N)	$445.00	(N)
40	$11,332.71	(N)	$445.00	(N)
41	$11,939.82	(N)	$445.00	(N)
42	$12,546.93	(N)	$445.00	(N)
43	$13,154.04	(N)	$445.00	(N)
44	$13,761.15	(N)	$445.00	(N)
45	$14,368.26	(N)	$445.00	(N)
46	$14,975.37	(N)	$445.00	(N)
47	$15,582.47	(N)	$445.00	(N)
48	$16,189.58	(N)	$445.00	(N)
49	$16,796.69	(N)	$445.00	(N)
50	$17,403.80	(N)	$445.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service (Cont'd)

(A) Channel Termination, Per Termination (Cont'd)

DS4 274.176 Mbps

Monthly Rate	Nonrecurring Charge
ICB	ICB

(B) Channel Mileage

(1) Channel Mileage Facility, Per Mile

Rate Band	Monthly Rate					
	64 kbps*		1.544 Mbps		3.152 Mbps	
1	$0.43	(R)	$1.27	(R)	ICB	
2	$0.85	(R)	$2.53	(R)	ICB	
3	$1.28	(R)	$3.80	(R)	ICB	
4	$1.71	(R)	$5.06	(R)	ICB	
5	$2.41	(R)	$7.15	(R)	ICB	
6	$3.11	(R)	$9.23	(R)	ICB	
7	$3.82	(R)	$11.32	(R)	ICB	
8	$4.52	(R)	$13.40	(R)	ICB	
9	$5.22	(R)	$15.49	(R)	ICB	
10	$5.93	(R)	$17.58	(R)	ICB	
11	$6.63	(R)	$19.66	(R)	ICB	
12	$7.33	(R)	$21.75	(R)	ICB	
13	$8.04	(R)	$23.83	(R)	ICB	
14	$8.74	(R)	$25.92	(R)	ICB	
15	$9.44	(R)	$28.00	(R)	ICB	
16	$10.15	(R)	$30.09	(R)	ICB	
17	$10.85	(I)	$32.17	(I)	ICB	
18	$11.55	(I)	$34.26	(I)	ICB	
19	$12.26	(I)	$36.34	(I)	ICB	
20	$12.96	(I)	$38.43	(I)	ICB	
21	$13.66	(I)	$40.51	(I)	ICB	
22	$14.37	(R)	$42.60	(R)	ICB	
23	$15.07	(R)	$44.68	(R)	ICB	
24	$15.77	(R)	$46.77	(R)	ICB	
25	$16.48	(N)	$48.85	(N)	ICB	(N)
26	$17.18	(N)	$50.94	(N)	ICB	(N)
27	$17.88	(N)	$53.02	(N)	ICB	(N)
28	$18.59	(N)	$55.11	(N)	ICB	(N)
29	$19.29	(N)	$57.19	(N)	ICB	(N)
30	$19.99	(N)	$59.28	(N)	ICB	(N)
31	$20.70	(N)	$61.36	(N)	ICB	(N)
32	$21.40	(N)	$63.45	(N)	ICB	(N)
33	$22.10	(N)	$65.53	(N)	ICB	(N)
34	$22.81	(N)	$67.62	(N)	ICB	(N)
35	$23.51	(N)	$69.70	(N)	ICB	(N)
36	$24.21	(N)	$71.79	(N)	ICB	(N)
37	$24.92	(N)	$73.87	(N)	ICB	(N)
38	$25.62	(N)	$75.96	(N)	ICB	(N)
39	$27.16	(N)	$80.52	(N)	ICB	(N)
40	$28.69	(N)	$85.08	(N)	ICB	(N)
41	$30.23	(N)	$89.63	(N)	ICB	(N)
42	$31.77	(N)	$94.19	(N)	ICB	(N)
43	$33.31	(N)	$98.75	(N)	ICB	(N)
44	$34.84	(N)	$103.31	(N)	ICB	(N)
45	$36.38	(N)	$107.86	(N)	ICB	(N)
46	$37.92	(N)	$112.42	(N)	ICB	(N)
47	$39.45	(N)	$116.98	(N)	ICB	(N)
48	$40.99	(N)	$121.54	(N)	ICB	(N)
49	$42.53	(N)	$126.09	(N)	ICB	(N)
50	$44.07	(N)	$130.65	(N)	ICB	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ICB Rates and Charges are filed in Section 17.3.9, following.

* Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64 kbps.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service (Cont'd)

(B) Channel Mileage (Cont'd)

(1) Channel Mileage Facility, Per Mile (Cont'd)

Rate Band	Monthly Rate 6.312 Mbps		44.736 Mbps		274.176 Mbps	
1	ICB		$11.02	(R)	ICB	
2	ICB		$22.05	(R)	ICB	
3	ICB		$33.07	(R)	ICB	
4	ICB		$44.09	(R)	ICB	
5	ICB		$62.25	(R)	ICB	
6	ICB		$80.41	(R)	ICB	
7	ICB		$98.56	(R)	ICB	
8	ICB		$116.72	(R)	ICB	
9	ICB		$134.88	(R)	ICB	
10	ICB		$153.03	(R)	ICB	
11	ICB		$171.19	(R)	ICB	
12	ICB		$189.34	(R)	ICB	
13	ICB		$207.50	(R)	ICB	
14	ICB		$225.66	(R)	ICB	
15	ICB		$243.81	(R)	ICB	
16	ICB		$261.97	(R)	ICB	
17	ICB		$280.13	(I)	ICB	
18	ICB		$298.28	(I)	ICB	
19	ICB		$316.44	(I)	ICB	
20	ICB		$334.60	(I)	ICB	
21	ICB		$352.75	(I)	ICB	
22	ICB		$370.91	(R)	ICB	
23	ICB		$389.06	(R)	ICB	
24	ICB		$407.22	(R)	ICB	
25	ICB	(N)	$425.38	(N)	ICB	(N)
26	ICB	(N)	$443.53	(N)	ICB	(N)
27	ICB	(N)	$461.69	(N)	ICB	(N)
28	ICB	(N)	$479.85	(N)	ICB	(N)
29	ICB	(N)	$498.00	(N)	ICB	(N)
30	ICB	(N)	$516.16	(N)	ICB	(N)
31	ICB	(N)	$534.32	(N)	ICB	(N)
32	ICB	(N)	$552.47	(N)	ICB	(N)
33	ICB	(N)	$570.63	(N)	ICB	(N)
34	ICB	(N)	$588.78	(N)	ICB	(N)
35	ICB	(N)	$606.94	(N)	ICB	(N)
36	ICB	(N)	$625.10	(N)	ICB	(N)
37	ICB	(N)	$643.25	(N)	ICB	(N)
38	ICB	(N)	$661.41	(N)	ICB	(N)
39	ICB	(N)	$701.09	(N)	ICB	(N)
40	ICB	(N)	$740.78	(N)	ICB	(N)
41	ICB	(N)	$780.46	(N)	ICB	(N)
42	ICB	(N)	$820.15	(N)	ICB	(N)
43	ICB	(N)	$859.83	(N)	ICB	(N)
44	ICB	(N)	$899.52	(N)	ICB	(N)
45	ICB	(N)	$939.20	(N)	ICB	(N)
46	ICB	(N)	$978.89	(N)	ICB	(N)
47	ICB	(N)	$1,018.57	(N)	ICB	(N)
48	ICB	(N)	$1,058.26	(N)	ICB	(N)
49	ICB	(N)	$1,097.94	(N)	ICB	(N)
50	ICB	(N)	$1,137.63	(N)	ICB	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ICB Rates and Charges are filed in Section 17.3.9, following.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service (Cont'd)

(B) Channel Mileage (Cont'd)

(2) Channel Mileage Termination, Per Termination

Rate Band	Monthly Rate 64 kbps*		1.544 Mbps		3.152 Mbps	
1	$4.28	(R)	$6.57	(R)	ICB	
2	$8.57	(R)	$13.13	(R)	ICB	
3	$12.85	(R)	$19.70	(R)	ICB	
4	$17.13	(R)	$26.26	(R)	ICB	
5	$24.19	(R)	$37.08	(R)	ICB	
6	$31.24	(R)	$47.89	(R)	ICB	
7	$38.30	(R)	$58.71	(R)	ICB	
8	$45.35	(R)	$69.52	(R)	ICB	
9	$52.41	(R)	$80.34	(R)	ICB	
10	$59.47	(R)	$91.15	(R)	ICB	
11	$66.52	(R)	$101.97	(R)	ICB	
12	$73.58	(R)	$112.78	(R)	ICB	
13	$80.63	(R)	$123.60	(R)	ICB	
14	$87.69	(R)	$134.41	(R)	ICB	
15	$94.74	(R)	$145.22	(R)	ICB	
16	$101.80	(R)	$156.04	(R)	ICB	
17	$108.85	(I)	$166.85	(I)	ICB	
18	$115.91	(I)	$177.67	(I)	ICB	
19	$122.96	(I)	$188.48	(I)	ICB	
20	$130.02	(I)	$199.30	(I)	ICB	
21	$137.07	(I)	$210.11	(I)	ICB	
22	$144.13	(R)	$220.93	(R)	ICB	
23	$151.18	(R)	$231.74	(R)	ICB	
24	$158.24	(R)	$242.56	(R)	ICB	
25	$165.29	(N)	$253.37	(N)	ICB	(N)
26	$172.35	(N)	$264.18	(N)	ICB	(N)
27	$179.40	(N)	$275.00	(N)	ICB	(N)
28	$186.46	(N)	$285.81	(N)	ICB	(N)
29	$193.51	(N)	$296.63	(N)	ICB	(N)
30	$200.57	(N)	$307.44	(N)	ICB	(N)
31	$207.62	(N)	$318.26	(N)	ICB	(N)
32	$214.68	(N)	$329.07	(N)	ICB	(N)
33	$221.73	(N)	$339.89	(N)	ICB	(N)
34	$228.79	(N)	$350.70	(N)	ICB	(N)
35	$235.84	(N)	$361.52	(N)	ICB	(N)
36	$242.90	(N)	$372.33	(N)	ICB	(N)
37	$249.95	(N)	$383.15	(N)	ICB	(N)
38	$257.01	(N)	$393.96	(N)	ICB	(N)
39	$272.43	(N)	$417.60	(N)	ICB	(N)
40	$287.85	(N)	$441.24	(N)	ICB	(N)
41	$303.27	(N)	$464.87	(N)	ICB	(N)
42	$318.69	(N)	$488.51	(N)	ICB	(N)
43	$334.11	(N)	$512.15	(N)	ICB	(N)
44	$349.53	(N)	$535.79	(N)	ICB	(N)
45	$364.95	(N)	$559.42	(N)	ICB	(N)
46	$380.37	(N)	$583.06	(N)	ICB	(N)
47	$395.80	(N)	$606.70	(N)	ICB	(N)
48	$411.22	(N)	$630.34	(N)	ICB	(N)
49	$426.64	(N)	$653.97	(N)	ICB	(N)
50	$442.06	(N)	$677.61	(N)	ICB	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ICB rates and charges are filed in Section 17.3.9, following.

* Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64 kbps.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service (Cont'd)

(B) Channel Mileage (Cont'd)

(2) Channel Mileage Termination, Per Termination (Cont'd)

Rate Band	Monthly Rate 6.312 Mbps		44.736 Mbps		274.176 Mbps	
1	ICB		$42.16	(R)	ICB	
2	ICB		$84.32	(R)	ICB	
3	ICB		$126.48	(R)	ICB	
4	ICB		$168.64	(R)	ICB	
5	ICB		$238.08	(R)	ICB	
6	ICB		$307.52	(R)	ICB	
7	ICB		$376.96	(R)	ICB	
8	ICB		$446.40	(R)	ICB	
9	ICB		$515.84	(R)	ICB	
10	ICB		$585.28	(R)	ICB	
11	ICB		$654.72	(R)	ICB	
12	ICB		$724.16	(R)	ICB	
13	ICB		$793.60	(R)	ICB	
14	ICB		$863.04	(R)	ICB	
15	ICB		$932.48	(R)	ICB	
16	ICB		$1,001.92	(R)	ICB	
17	ICB		$1,071.36	(I)	ICB	
18	ICB		$1,140.80	(I)	ICB	
19	ICB		$1,210.24	(I)	ICB	
20	ICB		$1,279.68	(I)	ICB	
21	ICB		$1,349.12	(I)	ICB	
22	ICB		$1,418.56	(R)	ICB	
23	ICB		$1,488.00	(R)	ICB	
24	ICB		$1,557.44	(R)	ICB	
25	ICB	(N)	$1,626.88	(N)	ICB	(N)
26	ICB	(N)	$1,696.32	(N)	ICB	(N)
27	ICB	(N)	$1,765.76	(N)	ICB	(N)
28	ICB	(N)	$1,835.20	(N)	ICB	(N)
29	ICB	(N)	$1,904.64	(N)	ICB	(N)
30	ICB	(N)	$1,974.08	(N)	ICB	(N)
31	ICB	(N)	$2,043.52	(N)	ICB	(N)
32	ICB	(N)	$2,112.96	(N)	ICB	(N)
33	ICB	(N)	$2,182.40	(N)	ICB	(N)
34	ICB	(N)	$2,251.84	(N)	ICB	(N)
35	ICB	(N)	$2,321.28	(N)	ICB	(N)
36	ICB	(N)	$2,390.72	(N)	ICB	(N)
37	ICB	(N)	$2,460.16	(N)	ICB	(N)
38	ICB	(N)	$2,529.60	(N)	ICB	(N)
39	ICB	(N)	$2,681.38	(N)	ICB	(N)
40	ICB	(N)	$2,833.15	(N)	ICB	(N)
41	ICB	(N)	$2,984.93	(N)	ICB	(N)
42	ICB	(N)	$3,136.70	(N)	ICB	(N)
43	ICB	(N)	$3,288.48	(N)	ICB	(N)
44	ICB	(N)	$3,440.26	(N)	ICB	(N)
45	ICB	(N)	$3,592.03	(N)	ICB	(N)
46	ICB	(N)	$3,743.81	(N)	ICB	(N)
47	ICB	(N)	$3,895.58	(N)	ICB	(N)
48	ICB	(N)	$4,047.36	(N)	ICB	(N)
49	ICB	(N)	$4,199.14	(N)	ICB	(N)
50	ICB	(N)	$4,350.91	(N)	ICB	(N)

(C) Optional Rate Plan Term Discounts

DS1 & DS3 Services	Percentage
36 Months	10%
60 Months	20%

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ICB rates and charges are filed in Section 17.3.9, following.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service (Cont'd)

(D) Optional Features and Functions

(1) Multiplexing, Per Arrangement

Rate Band	Monthly Rate DS4 to DS1		DS3 to DS1		DS2 to DS1		DS1C to DS1	
1	ICB		$39.08	(R)	ICB		ICB	
2	ICB		$78.15	(R)	ICB		ICB	
3	ICB		$117.23	(R)	ICB		ICB	
4	ICB		$156.30	(R)	ICB		ICB	
5	ICB		$220.66	(R)	ICB		ICB	
6	ICB		$285.02	(R)	ICB		ICB	
7	ICB		$349.38	(R)	ICB		ICB	
8	ICB		$413.74	(R)	ICB		ICB	
9	ICB		$478.10	(R)	ICB		ICB	
10	ICB		$542.46	(R)	ICB		ICB	
11	ICB		$606.82	(R)	ICB		ICB	
12	ICB		$671.18	(R)	ICB		ICB	
13	ICB		$735.54	(R)	ICB		ICB	
14	ICB		$799.90	(R)	ICB		ICB	
15	ICB		$864.26	(R)	ICB		ICB	
16	ICB		$928.62	(R)	ICB		ICB	
17	ICB		$992.98	(R)	ICB		ICB	
18	ICB		$1,057.34	(R)	ICB		ICB	
19	ICB		$1,121.70	(R)	ICB		ICB	
20	ICB		$1,186.06	(I)	ICB		ICB	
21	ICB		$1,250.42	(I)	ICB		ICB	
22	ICB		$1,314.78	(R)	ICB		ICB	
23	ICB		$1,379.14	(R)	ICB		ICB	
24	ICB		$1,443.49	(R)	ICB		ICB	
25	ICB	(N)	$1,507.85	(N)	ICB	(N)	ICB	(N)
26	ICB	(N)	$1,572.21	(N)	ICB	(N)	ICB	(N)
27	ICB	(N)	$1,636.57	(N)	ICB	(N)	ICB	(N)
28	ICB	(N)	$1,700.93	(N)	ICB	(N)	ICB	(N)
29	ICB	(N)	$1,765.29	(N)	ICB	(N)	ICB	(N)
30	ICB	(N)	$1,829.65	(N)	ICB	(N)	ICB	(N)
31	ICB	(N)	$1,894.01	(N)	ICB	(N)	ICB	(N)
32	ICB	(N)	$1,958.37	(N)	ICB	(N)	ICB	(N)
33	ICB	(N)	$2,022.73	(N)	ICB	(N)	ICB	(N)
34	ICB	(N)	$2,087.09	(N)	ICB	(N)	ICB	(N)
35	ICB	(N)	$2,151.45	(N)	ICB	(N)	ICB	(N)
36	ICB	(N)	$2,215.81	(N)	ICB	(N)	ICB	(N)
37	ICB	(N)	$2,280.17	(N)	ICB	(N)	ICB	(N)
38	ICB	(N)	$2,344.53	(N)	ICB	(N)	ICB	(N)
39	ICB	(N)	$2,485.20	(N)	ICB	(N)	ICB	(N)
40	ICB	(N)	$2,625.87	(N)	ICB	(N)	ICB	(N)
41	ICB	(N)	$2,766.55	(N)	ICB	(N)	ICB	(N)
42	ICB	(N)	$2,907.22	(N)	ICB	(N)	ICB	(N)
43	ICB	(N)	$3,047.89	(N)	ICB	(N)	ICB	(N)
44	ICB	(N)	$3,188.56	(N)	ICB	(N)	ICB	(N)
45	ICB	(N)	$3,329.23	(N)	ICB	(N)	ICB	(N)
46	ICB	(N)	$3,469.90	(N)	ICB	(N)	ICB	(N)
47	ICB	(N)	$3,610.58	(N)	ICB	(N)	ICB	(N)
48	ICB	(N)	$3,751.25	(N)	ICB	(N)	ICB	(N)
49	ICB	(N)	$3,891.92	(N)	ICB	(N)	ICB	(N)
50	ICB	(N)	$4,032.59	(N)	ICB	(N)	ICB	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ICB rates and charges are filed in Section 17.3.9, following.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service (Cont'd)

(D) Optional Features and Functions

(1) Multiplexing, Per Arrangement (Cont'd)

Rate Band	Monthly Rate DS1 to Voice**		DS1 to DS0	
1	$16.13	(R)	$16.13	(R)
2	$32.25	(R)	$32.25	(R)
3	$48.38	(R)	$48.38	(R)
4	$64.51	(R)	$64.51	(R)
5	$91.07	(R)	$91.07	(R)
6	$117.63	(R)	$117.63	(R)
7	$144.19	(R)	$144.19	(R)
8	$170.75	(R)	$170.75	(R)
9	$197.31	(R)	$197.31	(R)
10	$223.87	(R)	$223.87	(R)
11	$250.44	(R)	$250.44	(R)
12	$277.00	(R)	$277.00	(R)
13	$303.56	(R)	$303.56	(R)
14	$330.12	(R)	$330.12	(R)
15	$356.68	(R)	$356.68	(R)
16	$383.24	(R)	$383.24	(R)
17	$409.80	(R)	$409.80	(R)
18	$436.36	(R)	$436.36	(R)
19	$462.93	(R)	$462.93	(R)
20	$489.49	(I)	$489.49	(I)
21	$516.05	(I)	$516.05	(I)
22	$542.61	(R)	$542.61	(R)
23	$569.17	(R)	$569.17	(R)
24	$595.73	(R)	$595.73	(R)
25	$622.29	(N)	$622.29	(N)
26	$648.85	(N)	$648.85	(N)
27	$675.42	(N)	$675.42	(N)
28	$701.98	(N)	$701.98	(N)
29	$728.54	(N)	$728.54	(N)
30	$755.10	(N)	$755.10	(N)
31	$781.66	(N)	$781.66	(N)
32	$808.22	(N)	$808.22	(N)
33	$834.78	(N)	$834.78	(N)
34	$861.34	(N)	$861.34	(N)
35	$887.91	(N)	$887.91	(N)
36	$914.47	(N)	$914.47	(N)
37	$941.03	(N)	$941.03	(N)
38	$967.59	(N)	$967.59	(N)
39	$1,025.65	(N)	$1,025.65	(N)
40	$1,083.70	(N)	$1,083.70	(N)
41	$1,141.76	(N)	$1,141.76	(N)
42	$1,199.81	(N)	$1,199.81	(N)
43	$1,257.87	(N)	$1,257.87	(N)
44	$1,315.92	(N)	$1,315.92	(N)
45	$1,373.98	(N)	$1,373.98	(N)
46	$1,432.03	(N)	$1,432.03	(N)
47	$1,490.09	(N)	$1,490.09	(N)
48	$1,548.14	(N)	$1,548.14	(N)
49	$1,606.20	(N)	$1,606.20	(N)
50	$1,664.25	(N)	$1,664.25	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

** A channel of this DS1 to the Hub can be used for Digital Data Service.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(1) Multiplexing, Per Arrangement (Cont'd)

Monthly Rate

DS0 to Subrates

Rate Band	Up to 20 2.4 kbps		Up to 10 4.8 kbps		Up to 5 9.6 kbps	
1	$38.56	(R)	$26.20	(R)	$23.23	(R)
2	$77.11	(R)	$52.40	(R)	$46.46	(R)
3	$115.67	(R)	$78.60	(R)	$69.70	(R)
4	$154.22	(R)	$104.80	(R)	$92.93	(R)
5	$217.73	(R)	$147.95	(R)	$131.19	(R)
6	$281.23	(R)	$191.10	(R)	$169.46	(R)
7	$344.73	(R)	$234.25	(R)	$207.72	(R)
8	$408.23	(R)	$277.40	(R)	$245.99	(R)
9	$471.74	(R)	$320.55	(R)	$284.25	(R)
10	$535.24	(R)	$363.70	(R)	$322.51	(R)
11	$598.74	(R)	$406.86	(R)	$360.78	(R)
12	$662.25	(R)	$450.01	(R)	$399.04	(R)
13	$725.75	(R)	$493.16	(R)	$437.31	(R)
14	$789.25	(R)	$536.31	(R)	$475.57	(R)
15	$852.76	(R)	$579.46	(R)	$513.84	(R)
16	$916.26	(R)	$622.61	(R)	$552.10	(R)
17	$979.76	(R)	$665.76	(R)	$590.37	(R)
18	$1,043.27	(R)	$708.91	(R)	$628.63	(R)
19	$1,106.77	(R)	$752.07	(R)	$666.90	(R)
20	$1,170.27	(I)	$795.22	(I)	$705.16	(I)
21	$1,233.78	(I)	$838.37	(I)	$743.42	(I)
22	$1,297.28	(R)	$881.52	(R)	$781.69	(R)
23	$1,360.78	(R)	$924.67	(R)	$819.95	(R)
24	$1,424.29	(R)	$967.82	(R)	$858.22	(R)
25	$1,487.79	(N)	$1,010.97	(N)	$896.48	(N)
26	$1,551.29	(N)	$1,054.12	(N)	$934.75	(N)
27	$1,614.80	(N)	$1,097.28	(N)	$973.01	(N)
28	$1,678.30	(N)	$1,140.43	(N)	$1,011.28	(N)
29	$1,741.80	(N)	$1,183.58	(N)	$1,049.54	(N)
30	$1,805.30	(N)	$1,226.73	(N)	$1,087.80	(N)
31	$1,868.81	(N)	$1,269.88	(N)	$1,126.07	(N)
32	$1,932.31	(N)	$1,313.03	(N)	$1,164.33	(N)
33	$1,995.81	(N)	$1,356.18	(N)	$1,202.60	(N)
34	$2,059.32	(N)	$1,399.33	(N)	$1,240.86	(N)
35	$2,122.82	(N)	$1,442.49	(N)	$1,279.13	(N)
36	$2,186.32	(N)	$1,485.64	(N)	$1,317.39	(N)
37	$2,249.83	(N)	$1,528.79	(N)	$1,355.66	(N)
38	$2,313.33	(N)	$1,571.94	(N)	$1,393.92	(N)
39	$2,452.13	(N)	$1,666.26	(N)	$1,477.56	(N)
40	$2,590.93	(N)	$1,760.57	(N)	$1,561.19	(N)
41	$2,729.73	(N)	$1,854.89	(N)	$1,644.83	(N)
42	$2,868.53	(N)	$1,949.21	(N)	$1,728.46	(N)
43	$3,007.33	(N)	$2,043.52	(N)	$1,812.10	(N)
44	$3,146.13	(N)	$2,137.84	(N)	$1,895.73	(N)
45	$3,284.93	(N)	$2,232.15	(N)	$1,979.37	(N)
46	$3,423.73	(N)	$2,326.47	(N)	$2,063.00	(N)
47	$3,562.53	(N)	$2,420.79	(N)	$2,146.64	(N)
48	$3,701.33	(N)	$2,515.10	(N)	$2,230.27	(N)
49	$3,840.13	(N)	$2,609.42	(N)	$2,313.91	(N)
50	$3,978.93	(N)	$2,703.74	(N)	$2,397.54	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

Rate Band	Monthly Rate (2) Automatic Loop Transfer Per Arrangement*		(3)Transfer Arrangement (Key Activated** or Dial-Up***) Per 4 Port Arrangement Incl. Control Channel Termination****		(4) Clear Channel Capability Per 1.544 Mbps Transmission Path		(5) Shared SONET Ring Interoffice Transport Per DS3 Channel Mileage Facility	
1	$13.02	(R)	$14.19	(R)	None		None	
2	$26.03	(R)	$28.37	(R)	None		None	
3	$39.05	(R)	$42.56	(R)	None		None	
4	$52.06	(R)	$56.75	(R)	None		None	
5	$73.50	(R)	$80.11	(R)	None		None	
6	$94.94	(R)	$103.48	(R)	None		None	
7	$116.38	(R)	$126.85	(R)	None		None	
8	$137.82	(R)	$150.22	(R)	None		None	
9	$159.25	(R)	$173.58	(R)	None		None	
10	$180.69	(R)	$196.95	(R)	None		None	
11	$202.13	(R)	$220.32	(R)	None		None	
12	$223.57	(R)	$243.68	(R)	None		None	
13	$245.01	(R)	$267.05	(R)	None		None	
14	$266.45	(R)	$290.42	(R)	None		None	
15	$287.88	(R)	$313.78	(R)	None		None	
16	$309.32	(R)	$337.15	(R)	None		None	
17	$330.76	(R)	$360.52	(R)	None		None	
18	$352.20	(R)	$383.88	(R)	None		None	
19	$373.64	(R)	$407.25	(R)	None		None	
20	$395.07	(I)	$430.62	(I)	None		None	
21	$416.51	(I)	$453.98	(I)	None		None	
22	$437.95	(R)	$477.35	(R)	None		None	
23	$459.39	(R)	$500.72	(R)	None		None	
24	$480.83	(R)	$524.08	(R)	None		None	
25	$502.26	(N)	$547.45	(N)	None	(N)	None	(N)
26	$523.70	(N)	$570.82	(N)	None	(N)	None	(N)
27	$545.14	(N)	$594.18	(N)	None	(N)	None	(N)
28	$566.58	(N)	$617.55	(N)	None	(N)	None	(N)
29	$588.02	(N)	$640.92	(N)	None	(N)	None	(N)
30	$609.46	(N)	$664.29	(N)	None	(N)	None	(N)
31	$630.89	(N)	$687.65	(N)	None	(N)	None	(N)
32	$652.33	(N)	$711.02	(N)	None	(N)	None	(N)
33	$673.77	(N)	$734.39	(N)	None	(N)	None	(N)
34	$695.21	(N)	$757.75	(N)	None	(N)	None	(N)
35	$716.65	(N)	$781.12	(N)	None	(N)	None	(N)
36	$738.08	(N)	$804.49	(N)	None	(N)	None	(N)
37	$759.52	(N)	$827.85	(N)	None	(N)	None	(N)
38	$780.96	(N)	$851.22	(N)	None	(N)	None	(N)
39	$827.82	(N)	$902.29	(N)	None	(N)	None	(N)
40	$874.68	(N)	$953.37	(N)	None	(N)	None	(N)
41	$921.53	(N)	$1,004.44	(N)	None	(N)	None	(N)
42	$968.39	(N)	$1,055.51	(N)	None	(N)	None	(N)
43	$1,015.25	(N)	$1,106.59	(N)	None	(N)	None	(N)
44	$1,062.11	(N)	$1,157.66	(N)	None	(N)	None	(N)
45	$1,108.96	(N)	$1,208.73	(N)	None	(N)	None	(N)
46	$1,155.82	(N)	$1,259.81	(N)	None	(N)	None	(N)
47	$1,202.68	(N)	$1,310.88	(N)	None	(N)	None	(N)
48	$1,249.54	(N)	$1,361.95	(N)	None	(N)	None	(N)
49	$1,296.39	(N)	$1,413.03	(N)	None	(N)	None	(N)
50	$1,343.25	(N)	$1,464.10	(N)	None	(N)	None	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

* An additional Channel Termination charge will apply whenever the spare line is provided as a leg to the customer designated premises.

** The Key Activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

*** The Dial-Up option requires the customer to purchase the Controller Arrangement from Section 13.3.4, preceding.

**** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service (Cont'd)

(E) Network Channel Terminating Equipment (NCTE), Per Termination#

Rate Band	Monthly Rate 1.544 Mbps		Monthly Rate Automatic Loop Transfer	
1	$7.38	(R)	$29.66	(R)
2	$14.76	(R)	$59.32	(R)
3	$22.15	(R)	$88.98	(R)
4	$29.53	(R)	$118.64	(R)
5	$41.69	(R)	$167.49	(R)
6	$53.85	(R)	$216.34	(R)
7	$66.00	(R)	$265.19	(R)
8	$78.16	(R)	$314.04	(R)
9	$90.32	(R)	$362.89	(R)
10	$102.48	(R)	$411.74	(R)
11	$114.64	(R)	$460.59	(R)
12	$126.80	(R)	$509.45	(R)
13	$138.96	(R)	$558.30	(R)
14	$151.11	(R)	$607.15	(R)
15	$163.27	(R)	$656.00	(R)
16	$175.43	(R)	$704.85	(R)
17	$187.59	(R)	$753.70	(R)
18	$199.75	(R)	$802.55	(R)
19	$211.91	(R)	$851.40	(R)
20	$224.07	(I)	$900.25	(I)
21	$236.22	(I)	$949.10	(I)
22	$248.38	(R)	$997.95	(R)
23	$260.54	(R)	$1,046.81	(R)
24	$272.70	(R)	$1,095.66	(R)
25	$284.86	(N)	$1,144.51	(N)
26	$297.02	(N)	$1,193.36	(N)
27	$309.18	(N)	$1,242.21	(N)
28	$321.33	(N)	$1,291.06	(N)
29	$333.49	(N)	$1,339.91	(N)
30	$345.65	(N)	$1,388.76	(N)
31	$357.81	(N)	$1,437.61	(N)
32	$369.97	(N)	$1,486.46	(N)
33	$382.13	(N)	$1,535.32	(N)
34	$394.29	(N)	$1,584.17	(N)
35	$406.44	(N)	$1,633.02	(N)
36	$418.60	(N)	$1,681.87	(N)
37	$430.76	(N)	$1,730.72	(N)
38	$442.92	(N)	$1,779.57	(N)
39	$469.50	(N)	$1,886.34	(N)
40	$496.07	(N)	$1,993.12	(N)
41	$522.65	(N)	$2,099.89	(N)
42	$549.22	(N)	$2,206.67	(N)
43	$575.80	(N)	$2,313.44	(N)
44	$602.37	(N)	$2,420.22	(N)
45	$628.95	(N)	$2,526.99	(N)
46	$655.52	(N)	$2,633.76	(N)
47	$682.10	(N)	$2,740.54	(N)
48	$708.67	(N)	$2,847.31	(N)
49	$735.25	(N)	$2,954.09	(N)
50	$761.82	(N)	$3,060.86	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

NCTE will only be provided under tariff if it existed in the Telephone Company's inventory as of November 18, 1983.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service (Cont'd)

(F) DSL Access Service Connection

Rate Band	Monthly Rate Per 1.544 Mbps		Monthly Rate Per 44.736 Mbps		Nonrecurring Charge Per 1.544 Mbps		Nonrecurring Charge Per 44.736 Mbps	
1	$20.63	(R)	$143.29	(R)	$450.00		$650.00	
2	$41.27	(R)	$286.57	(R)	$450.00		$650.00	
3	$61.90	(R)	$429.86	(R)	$450.00		$650.00	
4	$82.53	(R)	$573.15	(R)	$450.00		$650.00	
5	$116.52	(R)	$809.15	(R)	$450.00		$650.00	
6	$150.50	(R)	$1,045.15	(R)	$450.00		$650.00	
7	$184.48	(R)	$1,281.15	(R)	$450.00		$650.00	
8	$218.47	(R)	$1,517.15	(R)	$450.00		$650.00	
9	$252.45	(R)	$1,753.15	(R)	$450.00		$650.00	
10	$286.43	(R)	$1,989.15	(R)	$450.00		$650.00	
11	$320.42	(R)	$2,225.16	(R)	$450.00		$650.00	
12	$354.40	(R)	$2,461.16	(R)	$450.00		$650.00	
13	$388.39	(R)	$2,697.16	(R)	$450.00		$650.00	
14	$422.37	(R)	$2,933.16	(R)	$450.00		$650.00	
15	$456.35	(R)	$3,169.16	(R)	$450.00		$650.00	
16	$490.34	(R)	$3,405.16	(R)	$450.00		$650.00	
17	$524.32	(I)	$3,641.16	(I)	$450.00		$650.00	
18	$558.30	(I)	$3,877.16	(I)	$450.00		$650.00	
19	$592.29	(I)	$4,113.17	(I)	$450.00		$650.00	
20	$626.27	(I)	$4,349.17	(I)	$450.00		$650.00	
21	$660.26	(I)	$4,585.17	(I)	$450.00		$650.00	
22	$694.24	(R)	$4,821.17	(R)	$450.00		$650.00	
23	$728.22	(R)	$5,057.17	(R)	$450.00		$650.00	
24	$762.21	(R)	$5,293.17	(R)	$450.00		$650.00	
25	$796.19	(N)	$5,529.17	(N)	$450.00	(N)	$650.00	(N)
26	$830.17	(N)	$5,765.17	(N)	$450.00	(N)	$650.00	(N)
27	$864.16	(N)	$6,001.18	(N)	$450.00	(N)	$650.00	(N)
28	$898.14	(N)	$6,237.18	(N)	$450.00	(N)	$650.00	(N)
29	$932.13	(N)	$6,473.18	(N)	$450.00	(N)	$650.00	(N)
30	$966.11	(N)	$6,709.18	(N)	$450.00	(N)	$650.00	(N)
31	$1,000.09	(N)	$6,945.18	(N)	$450.00	(N)	$650.00	(N)
32	$1,034.08	(N)	$7,181.18	(N)	$450.00	(N)	$650.00	(N)
33	$1,068.06	(N)	$7,417.18	(N)	$450.00	(N)	$650.00	(N)
34	$1,102.04	(N)	$7,653.18	(N)	$450.00	(N)	$650.00	(N)
35	$1,136.03	(N)	$7,889.19	(N)	$450.00	(N)	$650.00	(N)
36	$1,170.01	(N)	$8,125.19	(N)	$450.00	(N)	$650.00	(N)
37	$1,204.00	(N)	$8,361.19	(N)	$450.00	(N)	$650.00	(N)
38	$1,237.98	(N)	$8,597.19	(N)	$450.00	(N)	$650.00	(N)
39	$1,312.26	(N)	$9,113.02	(N)	$450.00	(N)	$650.00	(N)
40	$1,386.54	(N)	$9,628.85	(N)	$450.00	(N)	$650.00	(N)
41	$1,460.82	(N)	$10,144.68	(N)	$450.00	(N)	$650.00	(N)
42	$1,535.10	(N)	$10,660.52	(N)	$450.00	(N)	$650.00	(N)
43	$1,609.37	(N)	$11,176.35	(N)	$450.00	(N)	$650.00	(N)
44	$1,683.65	(N)	$11,692.18	(N)	$450.00	(N)	$650.00	(N)
45	$1,757.93	(N)	$12,208.01	(N)	$450.00	(N)	$650.00	(N)
46	$1,832.21	(N)	$12,723.84	(N)	$450.00	(N)	$650.00	(N)
47	$1,906.49	(N)	$13,239.67	(N)	$450.00	(N)	$650.00	(N)
48	$1,980.77	(N)	$13,755.50	(N)	$450.00	(N)	$650.00	(N)
49	$2,055.05	(N)	$14,271.34	(N)	$450.00	(N)	$650.00	(N)
50	$2,129.33	(N)	$14,787.17	(N)	$450.00	(N)	$650.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Individual Case Filings

Rate and charges for Special Access Service provided on an individual case basis are filed following:

(A) High Capacity Service

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(x) Issued to reflect new corporate address.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Individual Case Filings (Cont'd)

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(x) Issued to reflect new corporate address.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Individual Case Filings (Cont'd)

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(x) Issued to reflect new corporate address.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability

(A) Term Discount Plan Availability

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name	
2255	3 Rivers Telephone Cooperative, Inc.	
2191	Accipiter Communications, Inc. d/b/a Zona Communications	
1346	Ace Telephone Association	(T)
1345	Ace Telephone Association	(T)
0704	Ace Telephone Company of Michigan, Inc.	
989C	Adak Eagle Enterprises, LLC d/b/a Adak Telephone Utility	
0976	Adams Telephone Co-Operative	
1347	Albany Mutual Telephone Assn., Inc.	
2090	Alenco Communications, Inc.	
2288	All West Communications, Inc.	
2290	All West Communications, Inc.	
542D	Allband Communications Cooperative	
1642	Alliance Communications Cooperative, Inc. - Baltic	
1405	Alliance Communications Cooperative, Inc. - IA	
1406	Alliance Communications Cooperative, Inc. - MN	
280D	Alliance Communications Cooperative, Inc. - SD	
1657	Alliance Communications Cooperative, Inc. - Splitrock	
1860	Alma Communications Company d/b/a Alma Telephone Company	
0344	Alma Telephone Company, Inc.	
1106	Alpine Communications, L.C.	
4472	Alteva of Warwick LLC	
4473	Alteva of Warwick LLC	
3900	American Samoa Telecommunications Authority	
0585	Arcadia Telephone Company	
3001	Arctic Slope Tel. Assn. Coop., Inc.	
0280	Ardmore Tel. Co., Inc.	
1692	Arkansas Telephone Company, Inc.	
1734	Arkwest Communications, Inc.	
1517	Arlington Telephone Company	
0267	Armstrong Telephone	
0216	Armstrong Telephone - MD	
0071	Armstrong Telephone - NY	
0195	Armstrong Telephone - North	
0189	Armstrong Telephone - PA	
0256	Armstrong Telephone - WV	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability

(A) Term Discount Plan Availability

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name	
1374	Arrowhead Communications Corporation	
0586	Arthur Mutual Telephone Company	
4415	Asotin Telephone Company	(S)(x)
4416	Asotin Telephone Company	(S)(x)
1101	Atkins Telephone Company, Inc.	(N)
1966	Atlas Telephone Company	
1105	Ayrshire Farmers Mutual Telephone Company	
2259	Baca Valley Telephone Company	
0396	Ballard Rural Tel. Coop. Corp., Inc.	
0675	Baraga Telephone Company	
0469	Barnardsville Telephone Company	
0676	Barry County Telephone Company	
0589	Bascom Mutual Telephone Company	
0446	Bay Springs Telephone Company, Inc.	
3032	Bear Lake Communications	
2359	Beaver Creek Coop. Tel. Co.	
4612	Beehive Telephone Co., Inc. - Nevada	
4611	Beehive Telephone Company, Inc.	
1604	BEK Communications Cooperative	
0553	Ben Lomand Rural Telephone Cooperative, Inc.	(S)(x)
2455	Benkelman Telephone Company, Inc.	
0145	Bentleyville Communications Corporation t/d/b/a The Bentleyville Telephone Company	
0590	Benton Ridge Telephone Company	
0073	Berkshire Telephone Company	
1110	Bernard Telephone Company, Inc.	
2039	Big Bend Telephone Company, Inc.	
2192	Big Sandy Telecom, Inc.	
0849	Black Earth Telephone Company	
2235	Blackfoot Telephone Cooperative, Inc.	
2182	Blanca Telephone Company	
0554	Bledsoe Tel. Coop.	
0742	Bloomingdale Home Telephone Company, Inc.	
0679	Bloomingdale Telephone Company	
0282	Blountsville Telephone LLC	

(x) All material coded with an “S” was originally filed under Transmittal No. 1472 on December 17, 2015 and became effective on January 1, 2016.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name
1746	Blue Valley Tele-Communications, Inc.
1816	Bluestem Telephone Company
0851	Bonduel Telephone Company
0463	BPS Telephone Company
0398	Brandenburg Telephone Company
0347	Brantley Telephone Company, Inc.
2040	Brazoria Telephone Company
1112	Breda Telephone Corporation
0038	Bretton Woods Telephone Company
0591	Buckland Telephone Company
0856	Burlington, Brighton & Wheatland Telephone
1115	Butler-Bremer Mutual Telephone Company, Inc.
2301	Calaveras Tel. Co.
0448	Calhoun City Telephone Company, Inc.
1365	Callaway Telephone Exchange
2311	Cal-Ore Telephone Co.
1526	Cambridge Telephone Company
2215	Cambridge Telephone Company, Inc.
0744	Camden Telephone Company, Inc.
4476	Cameron Telephone Company
2362	Canby Telephone Association
2046	Cap Rock Telephone Cooperative
0683	Carr Telephone Company
1118	Cascade Communications Company
2371	Cascade Utilities, Inc.
1119	Casey Mutual Telephone Company
0076	Cassadaga Telephone Corporation
1125	Central Scott Telephone
2052	Central Texas Tel. Co-op., Inc.
2277	Central Utah Telephone, Inc.

Certain material formerly found on this page now appears on 37th Revised Page 17-29.5.3 for Triangle Telephone Cooperative Association, Inc. – CMC.

Certain material formerly found on this page now appears on 40th Revised Page 17-29.3.2 and 17th Revised Page 17-29.3.3. (S)(x) (S)(x)

(x) All material coded with an “S” was originally filed under Transmittal No 1472 on December 17, 2015 and became effective January 1, 2016.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name	
		(D)
		(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(16) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name	
0077	Champlain Tel. Co.	
1864	Chariton Valley Telephone Corporation	
0685	Chatham Telephone Company	(T)
0078	Chautauqua & Erie Tel. Corp.	(T)
0079	Chazy & Westport Telephone Corporation	
0860	Chequamegon Communications Cooperative, Inc.	
0861	Chibardun Telephone Cooperative, Inc.	(T)
0354	Chickamauga Telephone Corporation	
1980	Chickasaw Telephone Company	
1893	Choctaw Telephone Company	
1981	Chouteau Telephone Company	
2349	Churchill County Telephone & Telegraph System dba CC Communications	
1982	Cimarron Telephone Company	
3005	Circle Telephone & Electric, LLC	
0081	Citizens Tel. Co. of Hammond, New York, Inc.	
1865	Citizens Telephone Company	
0355	Citizens Telephone Company, Inc.	
0863	Citizens Telephone Cooperative, Inc.	
0751	Citizens Telephone Corporation	
1370	Clara City Telephone Exchange Co.	
1531	Clarks Telecommunications Co.	
0753	Clay County Rural Telephone Cooperative, Inc. d/b/a Endeavor Communications	
2363	Clear Creek Mutual Tel. Co.	(T)
1132	Clear Lake Independent Tel. Co.	
1372	Clements Tel. Co.	(T)
1698	Cleveland County Telephone Company, Inc.	
0688	Climax Telephone Company	
1133	C-M-L Telephone Cooperative Association	(M)
0005	Cobbosseecontee Telephone Company	
0866	Cochrane Cooperative Telephone Company	
2057	Coleman County Telephone Cooperative, Inc.	
1134	Colo Telephone Company	
2059	Colorado Valley Telephone Co-Operative, Inc.	
2364	Colton Telephone Company	

Certain material currently found on this page previously appeared on 43rd Revised Page 17-29.3.1.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name	
2204	Columbine Acquisition Corp. d/b/a Columbine Telecom Company	
2214	Columbine Telephone Company, Inc. d/b/a Silver Star Communications	
0604	Columbus Grove Telephone Company	
0672	Communications Corporation of Michigan	
0809	Communication Corporation of Southern Indiana	
0015	Community Service Telephone Company	
2061	Community Telephone Company	
0606	Conneaut Telephone Company	
1530	Consolidated Telco, Inc.	
1607	Consolidated Telcom	
1562	Consolidated Telecom, Inc.	
1373	Consolidated Telephone Company	
1532	Consolidated Telephone Company	
0607	Continental Telephone Company of Ohio	
1139	Cooperative Telephone Company	
3006	Copper Valley Telephone Cooperative, Inc.	
3333	Copper Valley Telephone, Inc.	
3007	Cordova Telephone Cooperative, Inc.	
1758	Council Grove Telephone Company	
1534	Cozad Telephone Company	
1009	C-R Telephone Company	
0756	Craigville Telephone Company, Inc.	
1818	Craw-Kan Telephone Coop., Inc.	
1759	Craw-Kan Telephone Coop., Inc.	
0561	Crockett Tel. Co., Inc.	
1985	Cross Tel. Co.	
0085	Crown Point Telephone Corp.	
1761	Cunningham Tel. Co., Inc.	
1536	Curtis Telephone Company	
2218	Custer Telephone Cooperative, Inc.	
1683	Dakota Central Telecom I, Inc.	
1610	Dakota Central Telecommunications Cooperative	
1537	Dalton Telephone Company	
0358	Darien Telephone	
0759	Daviess-Martin County Rural Tel. Corp. d/b/a RTC Communications	(N)
1699	Decatur Telephone Company	
0562	DeKalb Telephone Cooperative, Inc.	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name
0088	Delhi Telephone Company
4434	Dell Telephone Co-Operative, Inc.
0452	Delta Telephone Company, Inc.
0089	Deposit Telephone Company, Inc.
1611	Dickey Rural Telephone Cooperative
0875	Dickeyville Telephone Corp.
1540	Diller Telephone Co.
758D	Direct Communications Cedar Valley, LLC
1988	Dobson Tel. Co.
0609	Doylestown Telephone Company
2291	Dubois Telephone Exchange, Inc.
2313	Ducor Tel. Co.
0091	Dunkirk and Fredonia Telephone Company
0401	Duo County Telephone Coop., Inc.

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name	
1383	Eagle Valley Telephone Company	
1385	East Otter Tail Telephone Company	
0914	Eastcoast Telecom, Inc.	
2186	Eastern Slope Rural Telephone Assn., Inc.	
2068	Eastex Telephone Cooperative, Inc.	
1386	Eckles Telephone Company	
0092	Edwards Telephone Company, Inc.	
1004	El Paso Telephone Company	
2069	Electra Telephone Company	
1764	Elkhart Telephone Co., Inc.	
2412	Ellensburg Telephone Company	
0478	Ellerbe Telephone Company, Inc.	
1874	Ellington Telephone Company	
1157	Ellsworth Coop. Telephone Association	(N)
1518	Elsie Communications, Inc.	
0093	Empire Telephone Corporation	
0472	FairPoint Communications Missouri, Inc.	
1162	Farmers Coop. Telephone Company	
1168	Farmers Mutual Coop. Telephone Company	
0612	Farmers Mutual Telephone Company	
1172	Farmers Mutual Telephone Company	
1173	Farmers Mutual Telephone Company	
1389	Farmers Mutual Telephone Company	
2221	Farmers Mutual Telephone Company	
0290	Farmers Telecommunications Cooperative, Inc.	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name	
0880	Farmers Telephone Company	
1175	Farmers Telephone Company	
1177	Farmers Telephone Company – Riceville	
2188	Farmers Telephone Company, Inc.	
1390	Federated Telephone Cooperative	
1391	Felton Telephone Company, Inc.	
1179	Fenton Co-op. Telephone Company	
1882	Fidelity Telephone Company	
4435	Filer Mutual Telephone Company	
4436	Filer Mutual Telephone Company	
2071	Five Area Telephone Co-operative, Inc.	
1012	Flat Rock Telephone Co-Op, Inc.	(T)
0406	Foothills Rural Telephone Coop. Corp.	
2318	Foresthill Tel. Co., Inc. d/b/a Sebastian	
0614	Fort Jennings Telephone Company	
1660	Fort Randall Telephone Company d/b/a Mt. Rushmore Telephone Company	
0454	Franklin Telephone Company, Inc.	
2222	Fremont Telcom Co.	
2076	Ganado Telephone Company, Inc.	
1395	Garden Valley Telephone Company	
1396	Gardonville Cooperative Telephone Association	(T)
1016	Geneseo Telephone Company	
0456	Georgetown Telephone Company	
0618	Germantown Independent Tel. Co.	
0097	Germantown Telephone Company, Inc.	
2179	Gila River Telecommunications, Inc.	
0619	Glandorf Telephone Company, Inc.	
1017	Glasford Telephone Company	
1567	Glenwood Network Services, Inc.	
0365	Glenwood Telephone Company	
1553	Glenwood Telephone Membership Corporation	
1777	Golden Belt Telephone Association, Inc.	(T)
1659	Golden West Telecommunications Cooperative, Inc.	
1640	Golden West Telecommunications Cooperative, Inc. - Armour	
1667	Golden West Telecommunications Cooperative, Inc. - Kadoka	
1677	Golden West Telecommunications Cooperative, Inc. - Sioux Valley	
1684	Golden West Telecommunications Cooperative, Inc. - Union	
1686	Golden West Telecommunications Cooperative, Inc. - Vivian	
1778	Gorham Telephone Company, Inc.	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name	
1020	Grafton Telephone Company	
1887	Granby Telephone Company	(D)
0036	Granby Telephone LLC	
1888	Grand River Mutual Telephone Company	
0039	Granite State Telephone Company	
0930	Grantland Tel. Co., Inc.	
1577	Great Plains Communications, Inc.	
1890	Green Hills Telephone Corporation	
1023	Gridley Telephone Company	
1615	Griggs County Telephone Co.	
1622	Griggs County Telephone Co. (Moore & Liberty)	
1195	Griswold Co-Op Telephone Company	
0291	GTC, Inc.	
0294	GTC, Inc.	
2083	Guadalupe Valley Tel. Co-op, Inc.	
2279	Gunnison Telephone Company	
1781	H & B Communications, Inc.	(D)
1401	Halstad Telephone Company	
1024	Hamilton County Telephone Co-Op	
1555	Hamilton Telephone Company	
0010	Hampden Telephone Company	
0775	Hancock Rural Telephone Corporation d/b/a NineStar Connect	
0099	Hancock Telephone Company	
2321	Happy Valley Tel. Co.	
0259	Hardy Telecommunications, Inc.	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name
0368	Hart Telephone Company
0011	Hartland & St. Albans Telephone Company
1557	Hartman Telephone Exchanges, Inc.
1780	Haviland Tel. Co., Inc.
1199	Hawkeye Telephone Company
2190	Haxtun Telephone Company
1297	Heart of Iowa Communications Cooperative
1558	Hemingford Cooperative Telephone Company
1559	Henderson Co-Op Telephone Company
0713	Hiawatha Telephone Company
0237	Highland Telephone Cooperative
1995	Hinton Tel. Co. of Hinton OK, Inc.
1929	Holway Telephone Company
1408	Home Tel. Co.
0777	Home Tel. Co. of Pittsboro
1032	Home Telephone Co.
2377	Home Telephone Company
0778	Home Telephone Company, Inc.
1563	Hooper Tel. Co.
815D	Hopi Telecommunications, Inc.
0300	Hopper Telecommunications LLC
2322	Hornitos Tel. Co.
1203	Hubbard Cooperative Telephone Association
3304	Humboldt Telephone Company
0566	Humphrey's County Telephone Company
1205	Huxley Communications Cooperative

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name	
0936	Indianhead Telephone Company	
2093	Industry Telephone Company	
2423	Inland Telephone Company	
2242	Interbel Tel. Coop., Inc.	(T)
1616	Inter-Community Telephone Company, L.L.C.	
3011	Interior Telephone Company, Inc.	
1651	Interstate Telecommunications Cooperative, Inc.	
0677	Island Telephone Company	
0007	Island Telephone Company	
0331	ITS Telecommunications Systems, Inc.	
1785	J.B.N. Telephone Company, Inc.	
1664	James Valley Cooperative Telephone Company	
1410	Johnson Telephone Company	
1565	K&M Telephone Company, Inc.	
2426	Kalama Telephone Company	
0625	Kalida Telephone Company, Inc.	
4443	Kanokla Telephone Association	
4444	Kanokla Telephone Association	
2324	Kerman Telephone Company d/b/a Sebastian	
3013	Ketchikan Public Utilities	
1407	Killduff Telephone Company	
1901	Kingdom Telephone Company	
1900	KLM Telephone Company	
1043	La Harpe Telephone Company	
1222	La Motte Telephone Company	
2103	La Ward Telephone Exchange, Inc.	
0433	Lafourche Telephone Company, L.L.C.	
1932	Lathrop Telephone Company	
0179	Laurel Highland Telephone Company	
4445	Lavaca Telephone Company	
4446	Lavaca Telephone Company	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name	
2264	Leaco Rural Tel. Coop., Inc.	
1045	Leaf River Telephone Company	
0900	Lemonweir Valley Telephone Company	
0708	Lennon Telephone Company	
2427	Lewis River Telephone Company, Inc.	
0412	Lewisport Telephone Company, Inc.	
2351	Lincoln County Telephone System, Inc.	
0003	Lincolnville Networks, Inc.	
0613	Little Miama Communications Corp.	
0413	Logan Telephone Coop., Inc.	
1228	Lone Rock Cooperative Telephone Company	
1443	Loretel Systems, Inc.	
1229	Lost Nation-Elwood Telephone Company	
0058	Ludlow Telephone Company	
1232	Lynnville Telephone Company	
1709	Madison County Tel. Co., Inc.	
1049	Madison Telephone Company	
1801	Madison Telephone, LLC	
0183	Mahanoy & Mahantango Telephone Company	
0104	Margaretville Telephone Company, Inc.	
0185	Marianna - Scenery Hill Tel. Co.	
1237	Marne & Elk Horn Telephone Company	
1914	Mark Twain Rural Telephone Company	
0908	Marquette-Adams Telephone Cooperative, Inc.	
2431	Mashell Telecom, Inc.	
3015	Matanuska Telephone Association	(T)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name
0533	McClellanville Telephone Company, Inc.
2430	McDaniel Telephone Company
1912	McDonald County Telephone Company
1047	McDonough Telephone Cooperative
2006	McLoud Telephone Company
1048	McNabb Telephone Company
1251	Mediapolis Telephone Company
2008	Medicine Park Telephone Company
1430	Melrose Telephone Company
0788	Merchants & Farmers Telephone Company
1231	Mescalero Apache Telecom, Inc.
785G	Michigan Central Broadband Company, LLC
1054	Mid Century Telephone Co-operative
1413	Mid State Telephone Company, Inc. d/b/a K M P Telephone Company
2010	Mid-America Telephone, Inc.
0633	Middle Point Home Telephone Company
0105	Middleburgh Telephone Company
3315	Mid-Maine Telecom LLC
2112	Mid-Plains Rural Tel. Coop., Inc.
2246	Mid-Rivers Telephone Cooperative, Inc.
2226	Midvale Telephone Exchange, Inc.
0711	Midway Telephone Company
1431	Midwest Telephone Company
0304	Millry Telephone Company, Inc.
1158	Minburn Telecommunications, Inc.
1245	Minburn Telephone Company
587A	Missouri Valley Communications, Inc.

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name
2353	Moapa Valley Telephone Company
4447	MoKan Dial, Inc.
4448	MoKan Dial, Inc.
2383	Molalla Telephone Company
0305	Mon-Cre Telephone Cooperative, Inc.
0790	Monon Telephone Company, Inc.
1058	Montrose Mutual Telephone Company
0915	Mosinee Telephone Company, LLC
1060	Moultrie Independent Telephone Company
1808	Moundridge Telephone Company
0414	Mountain Rural Tel. Coop. Corp., Inc.
1712	Mountain View Telephone Company
2386	Mt. Angel Telephone Company
2116	Muenster Telephone Corporation of Texas d/b/a Nortex Communications
3016	Mukluk Telephone Company, Inc.
0792	Mulberry Cooperative Telephone Company, Inc.
1252	Mutual Telephone Company
1809	Mutual Telephone Company
0449	Myrtle Tel. Co., Inc.
0286	National Telephone of Alabama, Inc.
1574	Nebraska Central Telephone Company
0918	Nelson Communications Cooperative
4452	Nemont Telephone Cooperative, Inc.
4453	Nemont Telephone Cooperative, Inc.
3029	New Castle Tel. Co.
1928	New London Telephone Company
0107	Newport Telephone Company, Inc.
0108	Nicholville Telephone Company, Inc.
0573	North Central Telephone Cooperative, Inc.
1447	North Dakota Telephone Co.
1257	North English Cooperative Telephone Company
0192	North Penn Telephone Company
0491	North State Telephone Company d/b/a North State Communications
0335	Northeast Florida Telephone Company, Inc.
1230	Northeast Iowa Telephone Company, Inc.
0435	Northeast Louisiana Telephone Company, Inc.
1931	Northeast Missouri Rural Telephone Company
1576	Northeast Nebraska Telephone Company
0938	Northeast Telephone Company

Certain material formerly found on this page now appears on 8th Revised Page 17-29.4.4.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name	
1713	Northern Arkansas Telephone Company	
1259	Northern Iowa Telephone Company	
2248	Northern Telephone Cooperative, Inc.	
0061	Northfield Telephone Company	
2388	North-State Telephone Company	(M)
1260	Northwest Iowa Telephone, LLC	
1261	Northwest Tel. Coop.	
0800	Northwestern Indiana Tel. Co.	(T)
0535	Norway Telephone Company, Inc.	
0644	Nova Telephone Company	
2194	Nunn Telephone Company	
3018	Nushagak Electric & Telephone Cooperative, Inc.	
0311	Oakman Telephone Company, Inc.	
0645	Oakwood Mutual Telephone Company	
1065	Odin Telephone Exchange, Inc.	(T)
0714	Ogden Telephone Company	
1263	Ogden Telephone Company	
0111	Oneida County Rural Telephone Company	
0112	Ontario Telephone Company, Inc.	
0717	Ontonagon County Telephone Company	
1934	Orchard Farm Tel. Co.	
1935	Oregon Farmers Mutual Telephone Company	
2389	Oregon Telephone Corporation	
2390	Oregon-Idaho Utilities, Inc.	
0114	Oriskany Falls Telephone Corporation	
0649	Orwell Telephone Company	
1448	Osakis Telephone Company	
1917	Otelco Mid-Missouri LLC	
0650	Ottoville Mutual Telephone Company	
3019	OTZ Telephone	

Certain material currently found on this page previously appeared on 30th Revised Page 17-29.4.3.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B),16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name
1270	Palmer Mutual Telephone Company
0196	Palmerton Telephone Company
0536	Palmetto Rural Telephone Cooperative
1269	Palo Cooperative Telephone Association
1271	Panora Communications Cooperative
1450	Park Region Mutual Telephone Company
1187	Partner Communications Cooperative
0116	Pattersonville Telephone Company
1451	Paul Bunyan Rural Telephone Cooperative
2196	Peetz Cooperative Telephone Company
0376	Pembroke Telephone Company, Inc.
0243	Pembroke Telephone Cooperative
2270	Penasco Valley Telephone Cooperative, Inc.
2418	Pend Oreille Telephone Company
0197	Pennsylvania Tel. Co.
0244	Peoples Mutual Telephone Company, Inc.
0415	Peoples Rural Telephone Cooperative Corp.
1814	Peoples Telecommunications, LLC
0576	Peoples Telephone Company
1453	Peoples Telephone Company
0062	Perkinsville Telephone Company
0807	Perry-Spencer Rural Telephone Cooperative Inc. d/b/a PSC
2197	Phillips County Telephone Company
1581	Pierce Telephone Company
0721	Pigeon Telephone Company
2198	Pine Drive Telephone Company
2017	Pine Tel. Co.
2392	Pine Telephone System
0020	Pine Tree Telephone LLC
0377	Pineland Telephone Cooperative, Inc.
2346	Pinnacles Tel. Co.

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name	
2437	Pioneer Telephone Company	
2393	Pioneer Telephone Cooperative	
2018	Pioneer Telephone Cooperative, Inc.	
2199	Plains Cooperative Telephone Assoc., Inc.	
1582	Plainview Telephone Company, Inc.	
0379	Plant Telephone Company	
0378	Planters Rural Telephone Cooperative, Inc.	
2131	Poka-Lambro Rural Telephone Cooperative, Inc.	
1630	Polar Communications Mutual Aid Corporation	
1614	Polar Communications Mutual Aid Corporation	
2332	Ponderosa Tel. Co.	
0118	Port Byron Telephone Company	
2230	Potlatch Telephone Company, Inc.	
2020	Pottawatomie Telephone Company	
1718	Prairie Grove Telephone Company	
1344	Prairie Telephone Company	
1276	Preston Telephone Company	
0937	Price County Telephone Company	
0380	Progressive Rural Tel. Coop., Inc.	
2250	Project Telephone Company, Inc.	
0381	Public Service Telephone Company	
0813	Pulaski White Rural Tel. Coop., Inc.	
0200	Pymatuning Independent Tel. Co.	
1820	Rainbow Telecommunications Association, Inc.	
4457	Range Telephone Cooperative, Inc.	
1631	Red River Rural Telephone Association d/b/a Red River Communications	
4300	Red River Rural Telephone Association d/b/a Red River Communications	
1472	Redwood County Telephone Company	(T)
1632	Reservation Telephone Cooperative	
1721	Rice Belt Telephone Company	
2201	Rico Telephone Company	
0654	Ridgeville Telephone Company	
1280	Ringsted Telephone Company	
2356	Rio Virgin Telephone Company, Inc.	
0317	Roanoke Tel. Co., Inc.	
0815	Rochester Telephone Company	
2375	Roome Telecommunications, Inc.	
2272	Roosevelt County Rural Telephone Coop., Inc.	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name	
3410	RT Communications, Inc.	
2233	Rural Telephone Company	
1826	Rural Telephone Service Company, Inc. d/b/a Nex-Tech	
2203	Rye Telephone Company, Inc.	
1829	S & A Telephone Co., Inc.	
1827	S & T Telephone Cooperative Association	
0816	S & W Telephone Company, Inc.	
1476	Sacred Heart Telephone Company	
340E	Sacred Wind Communications, Inc.	
7991	Saddleback Communications	
0417	Salem Telephone Company	
2022	Salina-Spavinaw Tel. Co.	(T)
0498	Saluda Mountain Telephone Company	
2169	San Carlos Apache Telecommunications Utility, Inc.	
0546	Sandhill Telephone Cooperative, Inc.	
3021	Sandwich Isles Communications, Inc.	
4458	Santa Rosa Telephone Cooperative, Inc.	
4459	Santa Rosa Telephone Cooperative, Inc.	
1676	Santel Communications Cooperative, Inc.	
0945	Scandinavia Telephone Company	
2397	Scio Mutual Telephone Company	
0248	Scott County Telephone Cooperative, Inc.	
1479	Scott Rice Telephone Company d/b/a Integra Telecom	
1294	Scranton Telephone Company	
1292	Searsboro Telephone Company	
0500	Service Telephone Company	
1293	Sharon Telephone Company	
1295	Shell Rock Communications, Inc.	
0250	Shenandoah Telephone Company	
0656	Sherwood Mutual Telephone Association, Inc.	
0726	Shiawassee Telephone Company	
0064	Shoreham Telephone LLC	
2338	Sierra Telephone Company, Inc.	
4461	Silver Star Telephone Company, Inc.	
2283	Skyline Telecom	
581D	Skyline Telecom Company	
1483	Sleepy Eye Telephone Company	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name	
0204	South Canaan Telephone Company, Inc.	(D)
1094	South Central Communications, Inc.	
4462	South Central Telephone Association, Inc.	
2286	South Central Utah Tel. Assn., Inc.	
2195	South Park Telephone Company	
1298	South Slope Coop. Tel., Inc.	
3301	Southeast Mississippi Telephone Co.	
1591	Southeast Nebraska Communications, Inc.	
0952	Southeast Telephone Company of Wisconsin	
0819	Southeastern Indiana Rural Telephone Cooperative, Inc.	
1833	Southern Kansas Telephone Co., Inc.	
2254	Southern Montana Telephone Company	
1724	Southwest Arkansas Telephone Cooperative, Inc.	
2135	Southwest Texas Telephone Company	
1302	Springville Coop. Tel. Assn., Inc.	(D)
3303	SRT Communications, Inc.	
2442	St. John Telephone, Inc.	
0544	St. Stephen Telephone Company	
0502	Star Tel. Membership Corp.	
1487	Starbuck Telephone Company	
0955	State Long Distance Telephone Company, LLC	
0125	State Telephone Company	
2399	Stayton Coop. Telephone Company	
1949	Steelville Telephone Exchange, Inc.	
2206	Stoneham Cooperative Telephone Company	
1951	Stoutland Telephone Company	
1305	Stratford Mutual Telephone Company	
0206	Sugar Valley Telephone Company	
1306	Sully Telephone Association	
4466	Sunflower Telephone Company, Inc.	
4467	Sunflower Telephone Company, Inc.	
0658	Sycamore Telephone Company	
3334	Table Top Telephone Company, Inc.	
0084	Taconic Telephone Corp.	
2150	Tatum Telephone Company	
3800	TeleGuam Holdings, LLC	
0659	Telephone Service Company	
1308	Templeton Telephone Company	
2446	Tenino Telephone Company	
0958	Tenney Telephone Company	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name	
0419	Thacker/Grigsby Telephone Company	
1524	The Blair Telephone Company	
0156	The Citizens Telephone Company of Kecksburg	
0191	The North-Eastern Pennsylvania Telephone Company	
1525	Three River Telco	
3311	Tidewater Telecom, Inc.	
1310	Titonka Telephone Company d/b/a Titonka-Burt Communications	
2447	Toledo Tel., Co., Inc.	
1086	Tonica Telephone Company	
0068	Topsham Tel. Co.	
4468	Totah Communications, Inc.	
4469	Totah Communications, Inc.	
0129	Township Telephone Company, Inc.	
0389	Trenton Telephone Company	
2257	Triangle Telephone Cooperative Association, Inc.	
3310	Triangle Telephone Cooperative Association, Inc. - CMC	(T)(M)
0960	Tri-County Communications Cooperative, Inc.	
1839	Tri-County Telephone Association, Inc.	
1726	Tri-County Telephone Company, Inc.	
0131	Trumansburg Telephone Company, Inc.	
1678	Turtle Mountain Communications, Inc.	
0579	Twin Lakes Telephone Cooperative Corp.	
1840	Twin Valley Telephone, Inc.	
1491	Twin Valley-Ulen Telephone Company, Inc.	
2287	UBTA-UBET Communications, Inc. d/b/a Strata Networks	
0027	Union River Telephone Company	
0322	Union Springs Telephone Company, Inc.	(N)
1316	United Farmers Telephone Company	
1841	United Telephone Association, Inc.	
0581	United Telephone Company d/b/a/ United Communications	
1636	United Telephone Mutual Aid Corp.	
0732	Upper Peninsula Telephone Company	

(x) All material coded with an “S” was originally filed under Transmittal No. 1472 on December 17, 2015 and became effective on January 1, 2016.

Certain material currently found on this page previously appeared on 44th Revised Page 17-29.3.1.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name	
1685	Valley Telecomm Coop. Assn., Inc.	
2159	Valley Telephone Cooperative, Inc.	
4470	Valley Telephone Cooperative, Inc.	
4471	Valley Telephone Cooperative, Inc.	
1319	Van Buren Telephone Company, Inc.	(N)
0662	Vanlue Telephone Company	
0663	Vaughnsville Telephone Company	
1322	Ventura Telephone Company, Inc.	
1680	Venture Communications Cooperative	
3332	Vermont Telephone Co., Inc.	
0133	Vernon Telephone Company, Inc.	
2343	Volcano Tel. Co.	
0664	Wabash Mutual Telephone Company	
1088	Wabash Telephone Cooperative, Inc.	
0069	Waitsfield-Fayston Telephone Co., Inc.	
1729	Walnut Hill Telephone Company	
1326	Walnut Telephone Company	
1845	Wamego Telephone Company	
0258	War Telephone LLC	
0031	Warren Telephone Company	
1597	Wauneta Telephone Company	
0392	Waverly Hall Telephone, L.L.C.	
1327	Webb-Dickens Telephone Corporation	
1328	Webster–Calhoun Coop. Tel. Assn.	
0550	West Carolina Rural Telephone Cooperative, Inc.	
1501	West Central Telephone Association	
1331	West Iowa Telephone Company d/b/a Westel Systems	
0421	West Kentucky Rural Telephone Cooperative Corporation, Inc.	
598B	West Kentucky Rural Telephone Cooperative Corporation, Inc.	
1332	West Liberty Telephone Company	
0034	West Penobscot Telephone & Telegraph Company	
0480	West Plains Telecommunications, Inc.	
1689	West River Cooperative Telephone Company	
4413	West River Telecommunications Cooperative	
1671	West River Telecommunications Cooperative (Mobridge)	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability (Cont'd)

(A) Term Discount Plan Availability (Cont'd)

(1) The Term Discount Optional Rate Plans as described in 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, preceding are available only from those Telephone Companies listed below.

Company Code	Company Name	
4475	West Side Telephone Company	(T)
0583	West Tennessee Tel. Co., Inc.	
2166	West Texas Rural Tel. Coop., Inc.	
0971	West Wisconsin Telcom Coop., Inc.	(T)
1334	Western Iowa Telephone Association	
2268	Western New Mexico Telephone Company, Inc.	
2451	Western Wahkiakum County Telephone Company	
0735	Westphalia Telephone Company	
1335	Westside Independent Telephone Company	
2209	Wiggins Telephone Association	
0510	Wilkes Telephone Membership Corp.	
2210	Willard Telephone Company	
1849	Wilson Tel. Co., Inc.	
1336	Wilton Telephone Company	
1337	Winnebago Cooperative Telecom Association	
1507	Winsted Tel. Co.	
2323	Winterhaven Telephone Company	
0738	Wolverine Telephone Company	
0974	Wood County Telephone Company	
2034	Wyandotte Tel. Co.	
1343	Wyoming Mutual Telephone Company	
2170	XIT Rural Telephone Cooperative, Inc.	
2453	YCOM Networks, Inc.	
0215	Yukon-Waltz Telephone Company	
1515	Zumbrota Telephone Company	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

(D)
(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

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(x) Issued to reflect new corporate address.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.11 Synchronous Optical Channel Service

Regulations concerning Synchronous Optical Channel Service are set forth in Section 7.11, preceding.

(A) Channel Termination, Per Termination

Rate Band	Monthly Rate OC3/OC3C 155.52 Mbps		Monthly Rate OC12 622.08 Mbps		Nonrecurring Charge - All	
1	$172.19	(R)	$215.19	(R)	$360.00	
2	$344.37	(R)	$430.38	(R)	$360.00	
3	$516.56	(R)	$645.57	(R)	$360.00	
4	$688.74	(R)	$860.76	(R)	$360.00	
5	$972.34	(R)	$1,215.19	(R)	$360.00	
6	$1,255.94	(R)	$1,569.62	(R)	$360.00	
7	$1,539.54	(R)	$1,924.05	(R)	$360.00	
8	$1,823.14	(R)	$2,278.48	(R)	$360.00	
9	$2,106.74	(R)	$2,632.91	(R)	$360.00	
10	$2,390.34	(R)	$2,987.34	(R)	$360.00	
11	$2,673.94	(R)	$3,341.77	(R)	$360.00	
12	$2,957.54	(R)	$3,696.20	(R)	$360.00	
13	$3,241.14	(R)	$4,050.64	(R)	$360.00	
14	$3,524.74	(R)	$4,405.07	(R)	$360.00	
15	$3,808.34	(R)	$4,759.50	(R)	$360.00	
16	$4,091.94	(R)	$5,113.93	(R)	$360.00	
17	$4,375.54	(I)	$5,468.36	(I)	$360.00	
18	$4,659.14	(I)	$5,822.79	(I)	$360.00	
19	$4,942.74	(I)	$6,177.22	(I)	$360.00	
20	$5,226.34	(I)	$6,531.65	(I)	$360.00	
21	$5,509.94	(I)	$6,886.08	(I)	$360.00	
22	$5,793.54	(R)	$7,240.51	(R)	$360.00	
23	$6,077.14	(R)	$7,594.94	(R)	$360.00	
24	$6,360.73	(R)	$7,949.37	(R)	$360.00	
25	$6,644.33	(N)	$8,303.80	(N)	$360.00	(N)
26	$6,927.93	(N)	$8,658.23	(N)	$360.00	(N)
27	$7,211.53	(N)	$9,012.66	(N)	$360.00	(N)
28	$7,495.13	(N)	$9,367.09	(N)	$360.00	(N)
29	$7,778.73	(N)	$9,721.52	(N)	$360.00	(N)
30	$8,062.33	(N)	$10,075.96	(N)	$360.00	(N)
31	$8,345.93	(N)	$10,430.39	(N)	$360.00	(N)
32	$8,629.53	(N)	$10,784.82	(N)	$360.00	(N)
33	$8,913.13	(N)	$11,139.25	(N)	$360.00	(N)
34	$9,196.73	(N)	$11,493.68	(N)	$360.00	(N)
35	$9,480.33	(N)	$11,848.11	(N)	$360.00	(N)
36	$9,763.93	(N)	$12,202.54	(N)	$360.00	(N)
37	$10,047.53	(N)	$12,556.97	(N)	$360.00	(N)
38	$10,331.13	(N)	$12,911.40	(N)	$360.00	(N)
39	$10,951.00	(N)	$13,686.08	(N)	$360.00	(N)
40	$11,570.87	(N)	$14,460.77	(N)	$360.00	(N)
41	$12,190.73	(N)	$15,235.45	(N)	$360.00	(N)
42	$12,810.60	(N)	$16,010.14	(N)	$360.00	(N)
43	$13,430.47	(N)	$16,784.82	(N)	$360.00	(N)
44	$14,050.34	(N)	$17,559.50	(N)	$360.00	(N)
45	$14,670.20	(N)	$18,334.19	(N)	$360.00	(N)
46	$15,290.07	(N)	$19,108.87	(N)	$360.00	(N)
47	$15,909.94	(N)	$19,883.56	(N)	$360.00	(N)
48	$16,529.81	(N)	$20,658.24	(N)	$360.00	(N)
49	$17,149.68	(N)	$21,432.92	(N)	$360.00	(N)
50	$17,769.54	(N)	$22,207.61	(N)	$360.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.11 Synchronous Optical Channel Service (Cont'd)

(B) Channel Mileage Facility, Per Mile

Rate Band	Monthly Rate OC3/OC3C 155.52 Mbps		OC12 622.08 Mbps	
1	$11.82	(R)	$14.83	(R)
2	$23.63	(R)	$29.66	(R)
3	$35.45	(R)	$44.49	(R)
4	$47.26	(R)	$59.32	(R)
5	$66.72	(R)	$83.75	(R)
6	$86.18	(R)	$108.17	(R)
7	$105.64	(R)	$132.60	(R)
8	$125.10	(R)	$157.02	(R)
9	$144.56	(R)	$181.45	(R)
10	$164.02	(R)	$205.88	(R)
11	$183.48	(R)	$230.30	(R)
12	$202.94	(R)	$254.73	(R)
13	$222.40	(R)	$279.15	(R)
14	$241.86	(R)	$303.58	(R)
15	$261.32	(R)	$328.00	(R)
16	$280.78	(R)	$352.43	(R)
17	$300.24	(I)	$376.86	(I)
18	$319.70	(I)	$401.28	(I)
19	$339.16	(I)	$425.71	(I)
20	$358.62	(I)	$450.13	(I)
21	$378.08	(I)	$474.56	(I)
22	$397.54	(R)	$498.99	(R)
23	$417.00	(R)	$523.41	(R)
24	$436.46	(R)	$547.84	(R)
25	$455.92	(N)	$572.26	(N)
26	$475.38	(N)	$596.69	(N)
27	$494.84	(N)	$621.12	(N)
28	$514.30	(N)	$645.54	(N)
29	$533.76	(N)	$669.97	(N)
30	$553.22	(N)	$694.39	(N)
31	$572.68	(N)	$718.82	(N)
32	$592.14	(N)	$743.24	(N)
33	$611.60	(N)	$767.67	(N)
34	$631.06	(N)	$792.10	(N)
35	$650.52	(N)	$816.52	(N)
36	$669.98	(N)	$840.95	(N)
37	$689.44	(N)	$865.37	(N)
38	$708.90	(N)	$889.80	(N)
39	$751.43	(N)	$943.19	(N)
40	$793.97	(N)	$996.58	(N)
41	$836.50	(N)	$1,049.96	(N)
42	$879.04	(N)	$1,103.35	(N)
43	$921.57	(N)	$1,156.74	(N)
44	$964.10	(N)	$1,210.13	(N)
45	$1,006.64	(N)	$1,263.52	(N)
46	$1,049.17	(N)	$1,316.90	(N)
47	$1,091.71	(N)	$1,370.29	(N)
48	$1,134.24	(N)	$1,423.68	(N)
49	$1,176.77	(N)	$1,477.07	(N)
50	$1,219.31	(N)	$1,530.46	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.11 Synchronous Optical Channel Service (Cont'd)

(C) Channel Mileage Termination, Per Termination

Rate Band	Monthly Rate OC3/OC3C 155.52 Mbps		OC12 622.08 Mbps	
1	$43.95	(R)	$95.70	(R)
2	$87.91	(R)	$191.40	(R)
3	$131.86	(R)	$287.10	(R)
4	$175.81	(R)	$382.80	(R)
5	$248.21	(R)	$540.42	(R)
6	$320.60	(R)	$698.05	(R)
7	$392.99	(R)	$855.67	(R)
8	$465.38	(R)	$1,013.29	(R)
9	$537.78	(R)	$1,170.92	(R)
10	$610.17	(R)	$1,328.54	(R)
11	$682.56	(R)	$1,486.16	(R)
12	$754.96	(R)	$1,643.79	(R)
13	$827.35	(R)	$1,801.41	(R)
14	$899.74	(R)	$1,959.04	(R)
15	$972.14	(R)	$2,116.66	(R)
16	$1,044.53	(R)	$2,274.28	(R)
17	$1,116.92	(I)	$2,431.91	(I)
18	$1,189.32	(I)	$2,589.53	(I)
19	$1,261.71	(I)	$2,747.15	(I)
20	$1,334.10	(I)	$2,904.78	(I)
21	$1,406.50	(I)	$3,062.40	(I)
22	$1,478.89	(R)	$3,220.02	(R)
23	$1,551.28	(R)	$3,377.65	(R)
24	$1,623.68	(R)	$3,535.27	(R)
25	$1,696.07	(N)	$3,692.89	(N)
26	$1,768.46	(N)	$3,850.52	(N)
27	$1,840.86	(N)	$4,008.14	(N)
28	$1,913.25	(N)	$4,165.76	(N)
29	$1,985.64	(N)	$4,323.39	(N)
30	$2,058.03	(N)	$4,481.01	(N)
31	$2,130.43	(N)	$4,638.64	(N)
32	$2,202.82	(N)	$4,796.26	(N)
33	$2,275.21	(N)	$4,953.88	(N)
34	$2,347.61	(N)	$5,111.51	(N)
35	$2,420.00	(N)	$5,269.13	(N)
36	$2,492.39	(N)	$5,426.75	(N)
37	$2,564.79	(N)	$5,584.38	(N)
38	$2,637.18	(N)	$5,742.00	(N)
39	$2,795.41	(N)	$6,086.52	(N)
40	$2,953.64	(N)	$6,431.04	(N)
41	$3,111.87	(N)	$6,775.56	(N)
42	$3,270.10	(N)	$7,120.08	(N)
43	$3,428.33	(N)	$7,464.60	(N)
44	$3,586.56	(N)	$7,809.12	(N)
45	$3,744.80	(N)	$8,153.64	(N)
46	$3,903.03	(N)	$8,498.16	(N)
47	$4,061.26	(N)	$8,842.68	(N)
48	$4,219.49	(N)	$9,187.20	(N)
49	$4,377.72	(N)	$9,531.72	(N)
50	$4,535.95	(N)	$9,876.24	(N)

(D) Optional Rate Plan Term Discounts

OC3/OC3C and OC12 Services	Percentage
36 Months	10%
60 Months	20%

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.11 Synchronous Optical Channel Service (Cont'd)

(E) Optional Features and Functions

(1) Customer Node, Per Node

Rate Band	Monthly Rate OC3/OC3C 155.52 Mbps		Monthly Rate OC12 622.08		Nonrecurring Charge - All	
1	$39.98	(R)	$115.50	(R)	$640.00	
2	$79.96	(R)	$231.01	(R)	$640.00	
3	$119.95	(R)	$346.51	(R)	$640.00	
4	$159.93	(R)	$462.02	(R)	$640.00	
5	$225.78	(R)	$652.26	(R)	$640.00	
6	$291.64	(R)	$842.50	(R)	$640.00	
7	$357.49	(R)	$1,032.74	(R)	$640.00	
8	$423.34	(R)	$1,222.98	(R)	$640.00	
9	$489.20	(R)	$1,413.23	(R)	$640.00	
10	$555.05	(R)	$1,603.47	(R)	$640.00	
11	$620.90	(R)	$1,793.71	(R)	$640.00	
12	$686.76	(R)	$1,983.95	(R)	$640.00	
13	$752.61	(R)	$2,174.19	(R)	$640.00	
14	$818.47	(R)	$2,364.43	(R)	$640.00	
15	$884.32	(R)	$2,554.68	(R)	$640.00	
16	$950.17	(R)	$2,744.92	(R)	$640.00	
17	$1,016.03	(I)	$2,935.16	(I)	$640.00	
18	$1,081.88	(I)	$3,125.40	(I)	$640.00	
19	$1,147.73	(I)	$3,315.64	(I)	$640.00	
20	$1,213.59	(I)	$3,505.89	(I)	$640.00	
21	$1,279.44	(I)	$3,696.13	(I)	$640.00	
22	$1,345.29	(R)	$3,886.37	(R)	$640.00	
23	$1,411.15	(R)	$4,076.61	(R)	$640.00	
24	$1,477.00	(R)	$4,266.85	(R)	$640.00	
25	$1,542.85	(N)	$4,457.10	(N)	$640.00	(N)
26	$1,608.71	(N)	$4,647.34	(N)	$640.00	(N)
27	$1,674.56	(N)	$4,837.58	(N)	$640.00	(N)
28	$1,740.41	(N)	$5,027.82	(N)	$640.00	(N)
29	$1,806.27	(N)	$5,218.06	(N)	$640.00	(N)
30	$1,872.12	(N)	$5,408.30	(N)	$640.00	(N)
31	$1,937.98	(N)	$5,598.55	(N)	$640.00	(N)
32	$2,003.83	(N)	$5,788.79	(N)	$640.00	(N)
33	$2,069.68	(N)	$5,979.03	(N)	$640.00	(N)
34	$2,135.54	(N)	$6,169.27	(N)	$640.00	(N)
35	$2,201.39	(N)	$6,359.51	(N)	$640.00	(N)
36	$2,267.24	(N)	$6,549.76	(N)	$640.00	(N)
37	$2,333.10	(N)	$6,740.00	(N)	$640.00	(N)
38	$2,398.95	(N)	$6,930.24	(N)	$640.00	(N)
39	$2,542.89	(N)	$7,346.05	(N)	$640.00	(N)
40	$2,686.82	(N)	$7,761.87	(N)	$640.00	(N)
41	$2,830.76	(N)	$8,177.68	(N)	$640.00	(N)
42	$2,974.70	(N)	$8,593.50	(N)	$640.00	(N)
43	$3,118.64	(N)	$9,009.31	(N)	$640.00	(N)
44	$3,262.57	(N)	$9,425.13	(N)	$640.00	(N)
45	$3,406.51	(N)	$9,840.94	(N)	$640.00	(N)
46	$3,550.45	(N)	$10,256.76	(N)	$640.00	(N)
47	$3,694.38	(N)	$10,672.57	(N)	$640.00	(N)
48	$3,838.32	(N)	$11,088.38	(N)	$640.00	(N)
49	$3,982.26	(N)	$11,504.20	(N)	$640.00	(N)
50	$4,126.19	(N)	$11,920.01	(N)	$640.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.11 Synchronous Optical Channel Service (Cont'd)

(E) Optional Features and Functions (Cont'd)

(1) Customer Node, Per Node (Cont'd)

Customer Premises Port, Per Port

Monthly Rate

Rate Band	OC3/OC3C 155.52 Mbps	
1	$15.36	(R)
2	$30.71	(R)
3	$46.07	(R)
4	$61.42	(R)
5	$86.71	(R)
6	$112.00	(R)
7	$137.30	(R)
8	$162.59	(R)
9	$187.88	(R)
10	$213.17	(R)
11	$238.46	(R)
12	$263.75	(R)
13	$289.04	(R)
14	$314.34	(R)
15	$339.63	(R)
16	$364.92	(R)
17	$390.21	(I)
18	$415.50	(I)
19	$440.79	(I)
20	$466.08	(I)
21	$491.38	(I)
22	$516.67	(R)
23	$541.96	(R)
24	$567.25	(R)
25	$592.54	(N)
26	$617.83	(N)
27	$643.12	(N)
28	$668.42	(N)
29	$693.71	(N)
30	$719.00	(N)
31	$744.29	(N)
32	$769.58	(N)
33	$794.87	(N)
34	$820.16	(N)
35	$845.46	(N)
36	$870.75	(N)
37	$896.04	(N)
38	$921.33	(N)
39	$976.61	(N)
40	$1,031.89	(N)
41	$1,087.17	(N)
42	$1,142.45	(N)
43	$1,197.73	(N)
44	$1,253.01	(N)
45	$1,308.29	(N)
46	$1,363.57	(N)
47	$1,418.85	(N)
48	$1,474.13	(N)
49	$1,529.41	(N)
50	$1,584.69	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.11 Synchronous Optical Channel Service (Cont'd)

(E) Optional Features and Functions (Cont'd)

(1) Customer Node, Per Node (Cont'd)

Customer Premises Port, Per Port (Cont'd)

Rate Band	Monthly Rate STS-1 51.84 Mbps		Monthly Rate DS3 44.736 Mbps		Nonrecurring Charge - All	
1	$15.75	(R)	$15.75	(R)	$640.00	
2	$31.50	(R)	$31.50	(R)	$640.00	
3	$47.26	(R)	$47.26	(R)	$640.00	
4	$63.01	(R)	$63.01	(R)	$640.00	
5	$88.95	(R)	$88.95	(R)	$640.00	
6	$114.90	(R)	$114.90	(R)	$640.00	
7	$140.84	(R)	$140.84	(R)	$640.00	
8	$166.79	(R)	$166.79	(R)	$640.00	
9	$192.73	(R)	$192.73	(R)	$640.00	
10	$218.67	(R)	$218.67	(R)	$640.00	
11	$244.62	(R)	$244.62	(R)	$640.00	
12	$270.56	(R)	$270.56	(R)	$640.00	
13	$296.51	(R)	$296.51	(R)	$640.00	
14	$322.45	(R)	$322.45	(R)	$640.00	
15	$348.40	(R)	$348.40	(R)	$640.00	
16	$374.34	(R)	$374.34	(R)	$640.00	
17	$400.29	(I)	$400.29	(I)	$640.00	
18	$426.23	(I)	$426.23	(I)	$640.00	
19	$452.18	(I)	$452.18	(I)	$640.00	
20	$478.12	(I)	$478.12	(I)	$640.00	
21	$504.06	(I)	$504.06	(I)	$640.00	
22	$530.01	(R)	$530.01	(R)	$640.00	
23	$555.95	(R)	$555.95	(R)	$640.00	
24	$581.90	(R)	$581.90	(R)	$640.00	
25	$607.84	(N)	$607.84	(N)	$640.00	(N)
26	$633.79	(N)	$633.79	(N)	$640.00	(N)
27	$659.73	(N)	$659.73	(N)	$640.00	(N)
28	$685.68	(N)	$685.68	(N)	$640.00	(N)
29	$711.62	(N)	$711.62	(N)	$640.00	(N)
30	$737.56	(N)	$737.56	(N)	$640.00	(N)
31	$763.51	(N)	$763.51	(N)	$640.00	(N)
32	$789.45	(N)	$789.45	(N)	$640.00	(N)
33	$815.40	(N)	$815.40	(N)	$640.00	(N)
34	$841.34	(N)	$841.34	(N)	$640.00	(N)
35	$867.29	(N)	$867.29	(N)	$640.00	(N)
36	$893.23	(N)	$893.23	(N)	$640.00	(N)
37	$919.18	(N)	$919.18	(N)	$640.00	(N)
38	$945.12	(N)	$945.12	(N)	$640.00	(N)
39	$1,001.83	(N)	$1,001.83	(N)	$640.00	(N)
40	$1,058.53	(N)	$1,058.53	(N)	$640.00	(N)
41	$1,115.24	(N)	$1,115.24	(N)	$640.00	(N)
42	$1,171.95	(N)	$1,171.95	(N)	$640.00	(N)
43	$1,228.66	(N)	$1,228.66	(N)	$640.00	(N)
44	$1,285.36	(N)	$1,285.36	(N)	$640.00	(N)
45	$1,342.07	(N)	$1,342.07	(N)	$640.00	(N)
46	$1,398.78	(N)	$1,398.78	(N)	$640.00	(N)
47	$1,455.48	(N)	$1,455.48	(N)	$640.00	(N)
48	$1,512.19	(N)	$1,512.19	(N)	$640.00	(N)
49	$1,568.90	(N)	$1,568.90	(N)	$640.00	(N)
50	$1,625.61	(N)	$1,625.61	(N)	$640.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.11 Synchronous Optical Channel Service (Cont'd)

(E) Optional Features and Functions (Cont'd)

(1) Customer Node, Per Node (Cont'd)

Customer Premises Port, Per Port (Cont'd)

Monthly Rate

Rate Band	DS1 1.544 Mbps		Nonrecurring Charge	
1	$4.04	(R)	$640.00	
2	$8.07	(R)	$640.00	
3	$12.11	(R)	$640.00	
4	$16.15	(R)	$640.00	
5	$22.80	(R)	$640.00	
6	$29.45	(R)	$640.00	
7	$36.10	(R)	$640.00	
8	$42.75	(R)	$640.00	
9	$49.40	(R)	$640.00	
10	$56.05	(R)	$640.00	
11	$62.70	(R)	$640.00	
12	$69.35	(R)	$640.00	
13	$76.00	(R)	$640.00	
14	$82.65	(R)	$640.00	
15	$89.30	(R)	$640.00	
16	$95.95	(R)	$640.00	
17	$102.60	(I)	$640.00	
18	$109.25	(I)	$640.00	
19	$115.90	(I)	$640.00	
20	$122.55	(I)	$640.00	
21	$129.20	(I)	$640.00	
22	$135.85	(R)	$640.00	
23	$142.50	(R)	$640.00	
24	$149.15	(R)	$640.00	
25	$155.80	(N)	$640.00	(N)
26	$162.45	(N)	$640.00	(N)
27	$169.10	(N)	$640.00	(N)
28	$175.75	(N)	$640.00	(N)
29	$182.40	(N)	$640.00	(N)
30	$189.05	(N)	$640.00	(N)
31	$195.70	(N)	$640.00	(N)
32	$202.35	(N)	$640.00	(N)
33	$209.00	(N)	$640.00	(N)
34	$215.65	(N)	$640.00	(N)
35	$222.30	(N)	$640.00	(N)
36	$228.95	(N)	$640.00	(N)
37	$235.60	(N)	$640.00	(N)
38	$242.25	(N)	$640.00	(N)
39	$256.79	(N)	$640.00	(N)
40	$271.32	(N)	$640.00	(N)
41	$285.86	(N)	$640.00	(N)
42	$300.39	(N)	$640.00	(N)
43	$314.93	(N)	$640.00	(N)
44	$329.46	(N)	$640.00	(N)
45	$344.00	(N)	$640.00	(N)
46	$358.53	(N)	$640.00	(N)
47	$373.07	(N)	$640.00	(N)
48	$387.60	(N)	$640.00	(N)
49	$402.14	(N)	$640.00	(N)
50	$416.67	(N)	$640.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.11 Synchronous Optical Channel Service (Cont'd)

(E) Optional Features and Functions (Cont'd)

(2) Add/Drop Multiplexing Central Office Port, Per Port

	Monthly Rate					
Rate Band	OC3/OC3C 155.52 Mbps		DS3 44.736 Mbps		DS1 1.544 Mbps	
1	$15.36	(R)	$8.08	(R)	$3.23	(R)
2	$30.71	(R)	$16.15	(R)	$6.46	(R)
3	$46.07	(R)	$24.23	(R)	$9.69	(R)
4	$61.42	(R)	$32.31	(R)	$12.92	(R)
5	$86.71	(R)	$45.61	(R)	$18.25	(R)
6	$112.00	(R)	$58.91	(R)	$23.57	(R)
7	$137.30	(R)	$72.21	(R)	$28.89	(R)
8	$162.59	(R)	$85.52	(R)	$34.21	(R)
9	$187.88	(R)	$98.82	(R)	$39.53	(R)
10	$213.17	(R)	$112.12	(R)	$44.85	(R)
11	$238.46	(R)	$125.42	(R)	$50.18	(R)
12	$263.75	(R)	$138.73	(R)	$55.50	(R)
13	$289.04	(R)	$152.03	(R)	$60.82	(R)
14	$314.34	(R)	$165.33	(R)	$66.14	(R)
15	$339.63	(R)	$178.63	(R)	$71.46	(R)
16	$364.92	(R)	$191.94	(R)	$76.78	(R)
17	$390.21	(I)	$205.24	(I)	$82.11	(I)
18	$415.50	(I)	$218.54	(I)	$87.43	(I)
19	$440.79	(I)	$231.84	(I)	$92.75	(I)
20	$466.08	(I)	$245.15	(I)	$98.07	(I)
21	$491.38	(I)	$258.45	(I)	$103.39	(I)
22	$516.67	(R)	$271.75	(R)	$108.71	(R)
23	$541.96	(R)	$285.05	(R)	$114.04	(R)
24	$567.25	(R)	$298.36	(R)	$119.36	(R)
25	$592.54	(N)	$311.66	(N)	$124.68	(N)
26	$617.83	(N)	$324.96	(N)	$130.00	(N)
27	$643.12	(N)	$338.26	(N)	$135.32	(N)
28	$668.42	(N)	$351.57	(N)	$140.64	(N)
29	$693.71	(N)	$364.87	(N)	$145.97	(N)
30	$719.00	(N)	$378.17	(N)	$151.29	(N)
31	$744.29	(N)	$391.47	(N)	$156.61	(N)
32	$769.58	(N)	$404.78	(N)	$161.93	(N)
33	$794.87	(N)	$418.08	(N)	$167.25	(N)
34	$820.16	(N)	$431.38	(N)	$172.57	(N)
35	$845.46	(N)	$444.68	(N)	$177.90	(N)
36	$870.75	(N)	$457.99	(N)	$183.22	(N)
37	$896.04	(N)	$471.29	(N)	$188.54	(N)
38	$921.33	(N)	$484.59	(N)	$193.86	(N)
39	$976.61	(N)	$513.67	(N)	$205.49	(N)
40	$1,031.89	(N)	$542.74	(N)	$217.12	(N)
41	$1,087.17	(N)	$571.82	(N)	$228.75	(N)
42	$1,142.45	(N)	$600.89	(N)	$240.39	(N)
43	$1,197.73	(N)	$629.97	(N)	$252.02	(N)
44	$1,253.01	(N)	$659.04	(N)	$263.65	(N)
45	$1,308.29	(N)	$688.12	(N)	$275.28	(N)
46	$1,363.57	(N)	$717.19	(N)	$286.91	(N)
47	$1,418.85	(N)	$746.27	(N)	$298.54	(N)
48	$1,474.13	(N)	$775.34	(N)	$310.18	(N)
49	$1,529.41	(N)	$804.42	(N)	$321.81	(N)
50	$1,584.69	(N)	$833.49	(N)	$333.44	(N)

(3) Shared SONET Ring Interoffice Transport Per Channel Mileage Facility

	Monthly Rate
- OC3/OC3C	None
- OC12	None

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.11 Synchronous Optical Channel Service (Cont'd)

(E) Optional Features and Functions (Cont'd)

(4) DSL Access Service Connection

Rate Band	Monthly Rate Per OC3/OC3C		Nonrecurring Charge	
1	$251.04	(R)	$1,200.00	
2	$502.07	(R)	$1,200.00	
3	$753.11	(R)	$1,200.00	
4	$1,004.15	(R)	$1,200.00	
5	$1,417.62	(R)	$1,200.00	
6	$1,831.10	(R)	$1,200.00	
7	$2,244.57	(R)	$1,200.00	
8	$2,658.04	(R)	$1,200.00	
9	$3,071.52	(R)	$1,200.00	
10	$3,484.99	(R)	$1,200.00	
11	$3,898.46	(R)	$1,200.00	
12	$4,311.94	(R)	$1,200.00	
13	$4,725.41	(R)	$1,200.00	
14	$5,138.89	(R)	$1,200.00	
15	$5,552.36	(R)	$1,200.00	
16	$5,965.83	(R)	$1,200.00	
17	$6,379.31	(I)	$1,200.00	
18	$6,792.78	(I)	$1,200.00	
19	$7,206.25	(I)	$1,200.00	
20	$7,619.73	(I)	$1,200.00	
21	$8,033.20	(I)	$1,200.00	
22	$8,446.67	(R)	$1,200.00	
23	$8,860.15	(R)	$1,200.00	
24	$9,273.62	(R)	$1,200.00	(N)
25	$9,687.09	(N)	$1,200.00	(N)
26	$10,100.57	(N)	$1,200.00	(N)
27	$10,514.04	(N)	$1,200.00	(N)
28	$10,927.51	(N)	$1,200.00	(N)
29	$11,340.99	(N)	$1,200.00	(N)
30	$11,754.46	(N)	$1,200.00	(N)
31	$12,167.94	(N)	$1,200.00	(N)
32	$12,581.41	(N)	$1,200.00	(N)
33	$12,994.88	(N)	$1,200.00	(N)
34	$13,408.36	(N)	$1,200.00	(N)
35	$13,821.83	(N)	$1,200.00	(N)
36	$14,235.30	(N)	$1,200.00	(N)
37	$14,648.78	(N)	$1,200.00	(N)
38	$15,062.25	(N)	$1,200.00	(N)
39	$15,965.99	(N)	$1,200.00	(N)
40	$16,869.72	(N)	$1,200.00	(N)
41	$17,773.46	(N)	$1,200.00	(N)
42	$18,677.19	(N)	$1,200.00	(N)
43	$19,580.93	(N)	$1,200.00	(N)
44	$20,484.66	(N)	$1,200.00	(N)
45	$21,388.40	(N)	$1,200.00	(N)
46	$22,292.13	(N)	$1,200.00	(N)
47	$23,195.87	(N)	$1,200.00	(N)
48	$24,099.60	(N)	$1,200.00	(N)
49	$25,003.34	(N)	$1,200.00	(N)
50	$25,907.07	(N)	$1,200.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services

17.4.1 Access Ordering

		Charge		Tariff Section Reference
(A)	Access Order Charge			5.4.1
	per order	$86.00	(I)	
(B)	Service Date Change Charge			5.4.3
	A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The Access Order Charge as specified in 17.4.1(A) preceding does not apply. The applicable charge is:			
	Service Date Change Charge, per order	$60.00		
(C)	Design Change Charge			5.4.3
	The Design Change Charge will apply on a per order per occurrence basis, for each order requiring design change. The applicable charge is:			
	Design Change Charge, per order	$84.00		
(D)	Miscellaneous Service Order Charge			5.4.2
	Per Occurrence	$123.00		

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.2 Additional Engineering

Additional Engineering Periods	Each Half Hour or Fraction Thereof		Tariff Section Reference
(A) Basic Time per engineer normally scheduled working hours	$31.03	(I)	13.1
(B) Overtime per engineer outside of normally scheduled working hours	$46.55	(I)	13.1
(C) Premium time outside of scheduled work day, per engineer	$62.06	(I)	13.1

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.3 Additional Labor

Additional Labor Periods	Each Half Hour or Fraction Thereof		Tariff Section Reference
(A) Installation or Repair			
- Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	$47.57*	(I)	13.2.1 & 13.2.2
- Premium Time, outside of scheduled work day, per technician	$63.42*	(I)	13.2.1 & 13.2.2
(B) Stand by			
- Basic time, normally scheduled working hours, per technician	$21.18*	(R)	13.2.3
- Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	$31.77*	(R)	13.2.3
- Premium Time, outside of scheduled work day, per technician	$42.36*	(R)	13.2.3

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.3 Additional Labor (Cont'd)

Additional Labor Periods	Each Half Hour or Fraction Thereof				
	Installation and Repair Technician		Central Office Maintenance Technician		Tariff Section Reference
(C) Testing and Maintenance with other Telephone Companies, or Other Labor					
- Basic Time per technician normally scheduled working hours	$31.71	(I)	$34.66	(I)	13.2.4 & 13.2.5
- Overtime per technician outside of normally scheduled working hours on a scheduled work day	$47.57*	(I)	$51.99*	(I)	13.2.4 & 13.2.5
- Premium Time per technician outside of scheduled work day	$63.42*	(I)	$69.32*	(I)	13.2.4 & 13.2.5

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services

(A) Additional Cooperative Acceptance Testing - Switched Access

Testing Periods	Each Half Hour or Fraction Thereof	Tariff Section Reference
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 17.4.3(C) preceding.	13.3.1(A)(1)

(B) Additional Automatic Testing - Switched Access

To First Point of Switching

Additional Tests	Per Test Per Transmission Path	
Gain-Slope Tests	$2.89	13.3.1(A)(2)
C-Notched Noise Tests	$2.89	13.3.1(A)(2)
1004 Hz Loss**	$2.89	13.3.1(A)(2)
C-Message Noise**	$2.89	13.3.1(A)(2)
Balance (return loss)**	$2.89	13.3.1(A)(2)

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

** 1004 Hz Loss, C-Message Noise and Balance are non-chargeable routine tests, however, they may be requested on an as needed or more than routine scheduled basis, in which case the charges herein apply.

(x) Issued to reflect new corporate address.

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(C) Additional Manual Testing - Switched Access

To First Point of Switching

Additional Tests

	Each Half Hour or Fraction Thereof	Tariff Section Reference
Gain-Slope, C-Notched Noise and any other agreed to tests, per technician	See the rates for Additional Labor as set forth in 17.4.3(C) preceding	13.3.1(A)(3)

(D) Additional Cooperative Acceptance Testing - Special Access

Testing Periods	Each Half Hour or Fraction Thereof	Tariff Section Reference
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 17.4.3(C) preceding.	13.3.1(B)(1)

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(x) Issued to reflect new corporate address.

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(E) Additional Manual Testing - Special Access

Testing Periods	Each Half Hour or Fraction Thereof	Tariff Section Reference
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 17.4.3(C) preceding.	13.3.1(B)(2)

(F) Maintenance of Service

Maintenance of Service Periods	Each Half Hour or Fraction Thereof	Tariff Section Reference
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 17.4.3(C) preceding	13.3.2

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(x) Issued to reflect new corporate address.

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17. Rates and Charges (Cont'd) (N)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd) (N)

(G) Telecommunications Service Priority (M)

	Nonrecurring Charge	Tariff Section Reference
Per service arranged	$54.63	13.3.3

(H) Controller Arrangement

	Monthly Rate		
Per Arrangement	$100.00	13.3.4(A)	(M)

Certain material currently found on this page previously appeared on 14th Revised Page 17-37.

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

		Nonrecurring Charge	Tariff Section Reference	
(I)	Presubscribed Interexchange Carrier (PIC) Change Charge*		13.4(J)	(T)
	Per Telephone Exchange Service Line or trunk for each interLATA PIC change:			
	(1) Submitted using manual methods	$5.50		
	(2) Submitted using electronic methods	$1.25		
	(3) Submitted using manual methods when both the interLATA PIC and intraLATA PIC selections are changed simultaneously	$2.75		
	(4) Submitted using electronic methods when both the interLATA PIC and intraLATA PIC selections are changed simultaneously	$0.63		

* This charge is generally billed to the end user who is the subscriber to the Telephone Exchange Service. In those instances where the IC both requests the PIC change, and requests the associated charge be billed to it, the Telephone Company will bill the IC. In the event the subscriber is incorrectly presubscribed due to misassignment on the part of the Telephone Company, no charge shall apply. In the event the subscriber denies requesting a PIC change, the Telephone Company will credit the subscriber's account for the PIC Change Charge associated with the alleged unauthorized change, if such charge was billed to the subscriber. The Telephone Company will then bill the IC responsible for the alleged unauthorized change a PIC Change Charge to return the subscriber to its previous authorized carrier and, if initially billed to the subscriber, the PIC Change Charge for the alleged unauthorized change. (T) (T) (T) (T) (T)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(K) Blocking Service*

	Nonrecurring Charge	Tariff Section Reference
- Per exchange service line, or trunk and/or per Feature Group A Switched Access Line	$11.20	13.8

(L) Billing Name and Address Service

- Per BNA Order	$50.94	13.9.4(A)
- Per BNA Record	$0.33	13.9.4(A)
- Optional Magnetic Tape Charge-Per Magnetic Tape	$91.44	13.9.4(B)
- Optional Format Programming Charge - Per each half hour or fraction thereof	$37.20	13.9.4(C)

(M) Originating Line Screening (OLS) Service

- Per exchange service line	$7.95	13.10

(N) Coin Supervision Additive Service

	Monthly Rate	
- Per exchange service line	$2.21	13.12

* Blocking access to 900 Service is offered to all subscribers at no charge
(a) from November 1, 1993 through December 31, 1993 and
(b) at the time telephone service is established at a new number and for 60 days thereafter.

(x) Issued to reflect new corporate address.

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) Local Number Portability (LNP) End User Charge (T)

Regulations concerning the LNP End User Charge (T)
are set forth in Section 13.14.1 preceding.

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(1) The Telephone Companies listed below will bill the rates listed for the remainder of a 60-month period already in progress for the identified wire centers. These LNP capable wire centers were previously owned by a telephone company(s) who had been billing an LNP end user charge.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(a) The Telephone Companies listed below will bill the rates listed for the identified study areas over a 60-month period as specified for each rate, except as indicated below.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(a) The Telephone Companies listed below will bill the rates listed for the identified study areas over a 60-month period as specified for each rate, except as indicated below.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI	

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(a) The Telephone Companies listed below will bill the rates listed for the identified study areas over a 60-month period as specified for each rate, except as indicated below.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI	
								(D)
								(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(a) The Telephone Companies listed below will bill the rates listed for the identified study areas over a 60-month period as specified for each rate, except as indicated below.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(a) The Telephone Companies listed below will bill the rates listed for the identified study areas over a 60-month period as specified for each rate, except as indicated below.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI

Certain material formerly found on this page now appears on 6th Revised Page 17-37.4.1.1.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(a) The Telephone Companies listed below will bill the rates listed for the identified study areas over a 60-month period as specified for each rate, except as indicated below.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI	
Chibardun Telephone Cooperative, Inc.	WI	330861	4/1/11	3/31/16	$0.20	$1.80	$1.00	(D) (D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(a) The Telephone Companies listed below will bill the rates listed for the identified study areas over a 60-month period as specified for each rate, except as indicated below.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(a) The Telephone Companies listed below will bill the rates listed for the identified study areas over a 60-month period as specified for each rate, except as indicated below.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI	
								(D)
								(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(a) The Telephone Companies listed below will bill the rates listed for the identified study areas over a 60-month period as specified for each rate, except as indicated below.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI	
								(D)
								(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(a) The Telephone Companies listed below will bill the rates listed for the identified study areas over a 60-month period as specified for each rate, except as indicated below.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(a) The Telephone Companies listed below will bill the rates listed for the identified study areas over a 60-month period as specified for each rate, except as indicated below.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI	

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(a) The Telephone Companies listed below will bill the rates listed for the identified study areas over a 60-month period as specified for each rate, except as indicated below.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI	
								(D)
								(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(a) The Telephone Companies listed below will bill the rates listed for the identified study areas over a 60-month period as specified for each rate, except as indicated below.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI	
								(D)
								(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(a) The Telephone Companies listed below will bill the rates listed for the identified study areas over a 60-month period as specified for each rate, except as indicated below.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(a) The Telephone Companies listed below will bill the rates listed for the identified study areas over a 60-month period as specified for each rate, except as indicated below.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI	
								(D)
								(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(a) The Telephone Companies listed below will bill the rates listed for the identified study areas over a 60-month period as specified for each rate, except as indicated below.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI	
								(D)
								(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(a) The Telephone Companies listed below will bill the rates listed for the identified study areas over a 60-month period as specified for each rate, except as indicated below.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(b) The Telephone Companies listed below will bill the rates listed for the identified wire centers over a 60-month period as specified for each rate.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(b) The Telephone Companies listed below will bill the rates listed for the identified wire centers over a 60-month period as specified for each rate.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI

(D)
(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(b) The Telephone Companies listed below will bill the rates listed for the identified wire centers over a 60-month period as specified for each rate.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(b) The Telephone Companies listed below will bill the rates listed for the identified wire centers over a 60-month period as specified for each rate.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd))

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(P) LNP End User Charge (Cont'd)

(2)(b) The Telephone Companies listed below will bill the rates listed for the identified wire centers over a 60-month period as specified for each rate.

Company Name	State	Study Area Number	Effective Date of Rate	Termination Date of Rate (5 Years)	End User Rate Per Line	Rate Per PBX Trunk	Rate Per ISDN PRI	
								(D)
								(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(Q) Local Number Portability (LNP) Query Service

(1) The Telephone Companies listed below offer Local Number Portability Query Service under the provisions specified in 13.14.2 preceding.

Company Name	State	Study Area Number	Rate Per Query	LNP Order Charge	LNP Billing Charge	
Blountsville Telephone LLC	AL	250282	$0.0033	$211.00	$268.00	(D)
Brandenburg Telephone Company	KY	260398	$0.0016	$263.00	$375.00	
Cameron Telephone Company	LA	270425	$0.0037	$52.00	$71.00	
Champlain Tel. Co.	NY	150077	$0.0040	$74.00	$107.00	
Germantown Telephone Company, Inc.	NY	150097	$0.0043	$112.00	$141.00	
Hopper Telecommunications LLC	AL	250300	$0.0021	$211.00	$268.00	
Lincolnville Networks, Inc.	ME	100003	$0.0062	$105.00	$120.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(Q) Local Number Portability (LNP) Query Service

(1) The Telephone Companies listed below offer Local Number Portability Query Service under the provisions specified in 13.14.2 preceding.

Company Name	State	Study Area Number	Rate Per Query	LNP Order Charge	LNP Billing Charge	
Margaretville Telephone Company, Inc.	NY	150104	$0.0060	$198.00	$261.00	(D)
Missouri Valley Communications, Inc.	ND	382247	$0.0020	None	None	
Newport Telephone Company, Inc.	NY	150107	$0.0029	$158.00	$245.00	
North Central Telephone Cooperative, Inc.	TN	290573	$0.0014	$245.00	$385.00	
North State Telephone Company d/b/a North State Communications	NC	230491	$0.0011	$44.00	$328.00	
Ontario Telephone Company, Inc.	NY	150112	$0.0322	$135.00	$214.00	(D)
Penasco Valley Telephone Cooperative, Inc.	NM	492270	$0.0061	$160.00	$280.00	
Planters Rural Telephone Cooperative, Inc.	GA	220378	$0.0032	$63.00	$106.00	
Shenandoah Telephone Company	VA	190250	$0.0021	$22.00	$54.00	
TeleGuam Holdings, LLC	GU	663800	$0.0031	$65.00	$75.00	
Telephone Service Company	OH	300659	$0.0020	$96.00	$306.00	
Tidewater Telecom, Inc.	ME	100003	$0.0062	$105.00	$120.00	
Trumansburg Telephone Company, Inc.	NY	150131	$0.0049	$135.00	$214.00	

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(Q) Local Number Portability (LNP) Query Service (Cont'd) (N)

(2) The Telephone Companies listed below offer Local Number Portability Query Service under the provisions specified in 13.14.2 preceding in the identified wire centers. (M)

Company Name	State	Study Area Number	Rate Per Query	LNP Order Charge	LNP Billing Charge
Reservation Telephone Cooperative	ND	381632	$0.002	None	None
Wire Centers ALXNNDBCRS2 WTCYNDBA84G					

(M)

Certain material currently found on this page previously appeared on 6th Revised Page 17-37.5.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.5 Special Federal Government Access Services

(A) Voice Grade Secure Communications

	Monthly Rates	Nonrecurring Charges	Termination Charges
Type I, each T-3 Conditioning,	ICB rates and charges apply		
Additional Conditioning, per service termination	ICB rates and charges apply		
Type II, each G-1 Conditioning,	ICB rates and charges apply		
Type III, each G-2 Conditioning,	ICB rates and charges apply		
Additional Conditioning, per service termination	ICB rates and charges apply		
Type IV, each G-3 Conditioning,	ICB rates and charges apply		
Additional Conditioning, per service termination	ICB rates and charges apply		

(B) Wideband Digital Special Access Service

Wideband Secure Communications	Monthly Rates	Nonrecurring Charges	Termination Charges
Type I, each	ICB rates and charges apply		
Type II, each	ICB rates and charges apply		
Type III, each	ICB rates and charges apply		

(x) Issued to reflect new corporate address.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.5 Special Federal Government Access Services (Cont'd)

(C) Government Emergency Telecommunications Service (GETS)

(D)
(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.6 Special Facilities Routing of Access Services

(A) Diversity

For each service provided in accordance with 11.1.1. preceding, the rates and charges will be developed on an individual case basis.

(Reserved for future use.)

(B) Avoidance

For each service provided in accordance with 11.1.2 preceding, the rates and charges will be developed on an individual case basis.

(Reserved for future use.)

(C) Diversity and Avoidance Combined

For each service provided in accordance with 11.1.1 and 11.1.2 preceding, combined, the rates and charges will be developed on an individual case basis.

(Reserved for future use.)

(D) Cable-Only Facilities

For each service provided in accordance with 11.1.4 preceding, the rates and charges will be developed on an individual case basis.

(Reserved for future use.)

(x) Issued to reflect new corporate address.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.7 Specialized Service or Arrangements (T)

Specialized Service or Arrangements are provided on an individual case basis as set forth following:

(A) Reserved for Future Use (T)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network

(A) Frame Relay Access Service

Regulations concerning Frame Relay Service are set forth in Section 16.1, preceding.

Connections

(1) Frame Relay Access Connection (FRAC), Per FRAC

Rate Band	Monthly Rate 56.0 kbps		Monthly Rate 64.0 kbps		Nonrecurring Charge - All	
1	$14.15	(R)	$14.15	(R)	$345.00	
2	$28.31	(R)	$28.31	(R)	$345.00	
3	$42.46	(R)	$42.46	(R)	$345.00	
4	$56.62	(R)	$56.62	(R)	$345.00	
5	$79.93	(R)	$79.93	(R)	$345.00	
6	$103.24	(R)	$103.24	(R)	$345.00	
7	$126.56	(R)	$126.56	(R)	$345.00	
8	$149.87	(R)	$149.87	(R)	$345.00	
9	$173.18	(R)	$173.18	(R)	$345.00	
10	$196.50	(R)	$196.50	(R)	$345.00	
11	$219.81	(R)	$219.81	(R)	$345.00	
12	$243.12	(R)	$243.12	(R)	$345.00	
13	$266.44	(R)	$266.44	(R)	$345.00	
14	$289.75	(R)	$289.75	(R)	$345.00	
15	$313.06	(R)	$313.06	(R)	$345.00	
16	$336.38	(R)	$336.38	(R)	$345.00	
17	$359.69	(R)	$359.69	(R)	$345.00	
18	$383.00	(R)	$383.00	(R)	$345.00	
19	$406.32	(R)	$406.32	(R)	$345.00	
20	$429.63	(I)	$429.63	(I)	$345.00	
21	$452.94	(I)	$452.94	(I)	$345.00	
22	$476.26	(R)	$476.26	(R)	$345.00	
23	$499.57	(R)	$499.57	(R)	$345.00	
24	$522.88	(R)	$522.88	(R)	$345.00	(N)
25	$546.20	(N)	$546.20	(N)	$345.00	(N)
26	$569.51	(N)	$569.51	(N)	$345.00	(N)
27	$592.82	(N)	$592.82	(N)	$345.00	(N)
28	$616.14	(N)	$616.14	(N)	$345.00	(N)
29	$639.45	(N)	$639.45	(N)	$345.00	(N)
30	$662.76	(N)	$662.76	(N)	$345.00	(N)
31	$686.08	(N)	$686.08	(N)	$345.00	(N)
32	$709.39	(N)	$709.39	(N)	$345.00	(N)
33	$732.70	(N)	$732.70	(N)	$345.00	(N)
34	$756.02	(N)	$756.02	(N)	$345.00	(N)
35	$779.33	(N)	$779.33	(N)	$345.00	(N)
36	$802.64	(N)	$802.64	(N)	$345.00	(N)
37	$825.96	(N)	$825.96	(N)	$345.00	(N)
38	$849.27	(N)	$849.27	(N)	$345.00	(N)
39	$900.23	(N)	$900.23	(N)	$345.00	(N)
40	$951.18	(N)	$951.18	(N)	$345.00	(N)
41	$1,002.14	(N)	$1,002.14	(N)	$345.00	(N)
42	$1,053.09	(N)	$1,053.09	(N)	$345.00	(N)
43	$1,104.05	(N)	$1,104.05	(N)	$345.00	(N)
44	$1,155.01	(N)	$1,155.01	(N)	$345.00	(N)
45	$1,205.96	(N)	$1,205.96	(N)	$345.00	(N)
46	$1,256.92	(N)	$1,256.92	(N)	$345.00	(N)
47	$1,307.88	(N)	$1,307.88	(N)	$345.00	(N)
48	$1,358.83	(N)	$1,358.83	(N)	$345.00	(N)
49	$1,409.79	(N)	$1,409.79	(N)	$345.00	(N)
50	$1,460.74	(N)	$1,460.74	(N)	$345.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

(A) Frame Relay Access Service (Cont'd)

Connections (Cont'd)

(1) Frame Relay Access Connection (FRAC), Per FRAC (Cont'd)

Rate Band	Monthly Rate 1.544 Mbps		Nonrecurring Charge		Monthly Rate 44.736 Mbps		Nonrecurring Charge	
1	$30.11	(R)	$345.00		$223.46	(R)	$345.00	
2	$60.21	(R)	$345.00		$446.92	(R)	$345.00	
3	$90.32	(R)	$345.00		$670.38	(R)	$345.00	
4	$120.43	(R)	$345.00		$893.84	(R)	$345.00	
5	$170.02	(R)	$345.00		$1,261.89	(R)	$345.00	
6	$219.61	(R)	$345.00		$1,629.94	(R)	$345.00	
7	$269.20	(R)	$345.00		$1,997.99	(R)	$345.00	
8	$318.79	(R)	$345.00		$2,366.04	(R)	$345.00	
9	$368.37	(R)	$345.00		$2,734.09	(R)	$345.00	
10	$417.96	(R)	$345.00		$3,102.14	(R)	$345.00	
11	$467.55	(R)	$345.00		$3,470.19	(R)	$345.00	
12	$517.14	(R)	$345.00		$3,838.25	(R)	$345.00	
13	$566.73	(R)	$345.00		$4,206.30	(R)	$345.00	
14	$616.32	(R)	$345.00		$4,574.35	(R)	$345.00	
15	$665.91	(R)	$345.00		$4,942.40	(R)	$345.00	
16	$715.50	(R)	$345.00		$5,310.45	(R)	$345.00	
17	$765.08	(R)	$345.00		$5,678.50	(R)	$345.00	
18	$814.67	(R)	$345.00		$6,046.55	(R)	$345.00	
19	$864.26	(R)	$345.00		$6,414.60	(R)	$345.00	
20	$913.85	(I)	$345.00		$6,782.65	(I)	$345.00	
21	$963.44	(I)	$345.00		$7,150.70	(I)	$345.00	
22	$1,013.03	(R)	$345.00		$7,518.75	(R)	$345.00	
23	$1,062.62	(R)	$345.00		$7,886.81	(R)	$345.00	
24	$1,112.21	(R)	$345.00		$8,254.86	(R)	$345.00	
25	$1,161.80	(N)	$345.00	(N)	$8,622.91	(N)	$345.00	(N)
26	$1,211.38	(N)	$345.00	(N)	$8,990.96	(N)	$345.00	(N)
27	$1,260.97	(N)	$345.00	(N)	$9,359.01	(N)	$345.00	(N)
28	$1,310.56	(N)	$345.00	(N)	$9,727.06	(N)	$345.00	(N)
29	$1,360.15	(N)	$345.00	(N)	$10,095.11	(N)	$345.00	(N)
30	$1,409.74	(N)	$345.00	(N)	$10,463.16	(N)	$345.00	(N)
31	$1,459.33	(N)	$345.00	(N)	$10,831.21	(N)	$345.00	(N)
32	$1,508.92	(N)	$345.00	(N)	$11,199.26	(N)	$345.00	(N)
33	$1,558.51	(N)	$345.00	(N)	$11,567.32	(N)	$345.00	(N)
34	$1,608.09	(N)	$345.00	(N)	$11,935.37	(N)	$345.00	(N)
35	$1,657.68	(N)	$345.00	(N)	$12,303.42	(N)	$345.00	(N)
36	$1,707.27	(N)	$345.00	(N)	$12,671.47	(N)	$345.00	(N)
37	$1,756.86	(N)	$345.00	(N)	$13,039.52	(N)	$345.00	(N)
38	$1,806.45	(N)	$345.00	(N)	$13,407.57	(N)	$345.00	(N)
39	$1,914.84	(N)	$345.00	(N)	$14,212.02	(N)	$345.00	(N)
40	$2,023.22	(N)	$345.00	(N)	$15,016.48	(N)	$345.00	(N)
41	$2,131.61	(N)	$345.00	(N)	$15,820.93	(N)	$345.00	(N)
42	$2,240.00	(N)	$345.00	(N)	$16,625.39	(N)	$345.00	(N)
43	$2,348.39	(N)	$345.00	(N)	$17,429.84	(N)	$345.00	(N)
44	$2,456.77	(N)	$345.00	(N)	$18,234.30	(N)	$345.00	(N)
45	$2,565.16	(N)	$345.00	(N)	$19,038.75	(N)	$345.00	(N)
46	$2,673.55	(N)	$345.00	(N)	$19,843.20	(N)	$345.00	(N)
47	$2,781.93	(N)	$345.00	(N)	$20,647.66	(N)	$345.00	(N)
48	$2,890.32	(N)	$345.00	(N)	$21,452.11	(N)	$345.00	(N)
49	$2,998.71	(N)	$345.00	(N)	$22,256.57	(N)	$345.00	(N)
50	$3,107.09	(N)	$345.00	(N)	$23,061.02	(N)	$345.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(A) Frame Relay Access Service (Cont'd)

Connections (Cont'd)

(2) Frame Relay Inter-network Connection (FRIC), Per FRIC

Rate Band	Monthly Rate 1.544 Mbps		Nonrecurring Charge		Monthly Rate 44.736 Mbps		Nonrecurring Charge	
1	$30.11	(R)	$345.00		$223.46	(R)	$345.00	
2	$60.21	(R)	$345.00		$446.92	(R)	$345.00	
3	$90.32	(R)	$345.00		$670.38	(R)	$345.00	
4	$120.43	(R)	$345.00		$893.84	(R)	$345.00	
5	$170.02	(R)	$345.00		$1,261.89	(R)	$345.00	
6	$219.61	(R)	$345.00		$1,629.94	(R)	$345.00	
7	$269.20	(R)	$345.00		$1,997.99	(R)	$345.00	
8	$318.79	(R)	$345.00		$2,366.04	(R)	$345.00	
9	$368.37	(R)	$345.00		$2,734.09	(R)	$345.00	
10	$417.96	(R)	$345.00		$3,102.14	(R)	$345.00	
11	$467.55	(R)	$345.00		$3,470.19	(R)	$345.00	
12	$517.14	(R)	$345.00		$3,838.25	(R)	$345.00	
13	$566.73	(R)	$345.00		$4,206.30	(R)	$345.00	
14	$616.32	(R)	$345.00		$4,574.35	(R)	$345.00	
15	$665.91	(R)	$345.00		$4,942.40	(R)	$345.00	
16	$715.50	(R)	$345.00		$5,310.45	(R)	$345.00	
17	$765.08	(R)	$345.00		$5,678.50	(R)	$345.00	
18	$814.67	(R)	$345.00		$6,046.55	(R)	$345.00	
19	$864.26	(R)	$345.00		$6,414.60	(R)	$345.00	
20	$913.85	(I)	$345.00		$6,782.65	(I)	$345.00	
21	$963.44	(I)	$345.00		$7,150.70	(I)	$345.00	
22	$1,013.03	(R)	$345.00		$7,518.75	(R)	$345.00	
23	$1,062.62	(R)	$345.00		$7,886.81	(R)	$345.00	
24	$1,112.21	(R)	$345.00		$8,254.86	(R)	$345.00	
25	$1,161.80	(N)	$345.00	(N)	$8,622.91	(N)	$345.00	(N)
26	$1,211.38	(N)	$345.00	(N)	$8,990.96	(N)	$345.00	(N)
27	$1,260.97	(N)	$345.00	(N)	$9,359.01	(N)	$345.00	(N)
28	$1,310.56	(N)	$345.00	(N)	$9,727.06	(N)	$345.00	(N)
29	$1,360.15	(N)	$345.00	(N)	$10,095.11	(N)	$345.00	(N)
30	$1,409.74	(N)	$345.00	(N)	$10,463.16	(N)	$345.00	(N)
31	$1,459.33	(N)	$345.00	(N)	$10,831.21	(N)	$345.00	(N)
32	$1,508.92	(N)	$345.00	(N)	$11,199.26	(N)	$345.00	(N)
33	$1,558.51	(N)	$345.00	(N)	$11,567.32	(N)	$345.00	(N)
34	$1,608.09	(N)	$345.00	(N)	$11,935.37	(N)	$345.00	(N)
35	$1,657.68	(N)	$345.00	(N)	$12,303.42	(N)	$345.00	(N)
36	$1,707.27	(N)	$345.00	(N)	$12,671.47	(N)	$345.00	(N)
37	$1,756.86	(N)	$345.00	(N)	$13,039.52	(N)	$345.00	(N)
38	$1,806.45	(N)	$345.00	(N)	$13,407.57	(N)	$345.00	(N)
39	$1,914.84	(N)	$345.00	(N)	$14,212.02	(N)	$345.00	(N)
40	$2,023.22	(N)	$345.00	(N)	$15,016.48	(N)	$345.00	(N)
41	$2,131.61	(N)	$345.00	(N)	$15,820.93	(N)	$345.00	(N)
42	$2,240.00	(N)	$345.00	(N)	$16,625.39	(N)	$345.00	(N)
43	$2,348.39	(N)	$345.00	(N)	$17,429.84	(N)	$345.00	(N)
44	$2,456.77	(N)	$345.00	(N)	$18,234.30	(N)	$345.00	(N)
45	$2,565.16	(N)	$345.00	(N)	$19,038.75	(N)	$345.00	(N)
46	$2,673.55	(N)	$345.00	(N)	$19,843.20	(N)	$345.00	(N)
47	$2,781.93	(N)	$345.00	(N)	$20,647.66	(N)	$345.00	(N)
48	$2,890.32	(N)	$345.00	(N)	$21,452.11	(N)	$345.00	(N)
49	$2,998.71	(N)	$345.00	(N)	$22,256.57	(N)	$345.00	(N)
50	$3,107.09	(N)	$345.00	(N)	$23,061.02	(N)	$345.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(A) Frame Relay Access Service (Cont'd)

Connections (Cont'd)

(3) End User Port, Per Port

Monthly Rate

Rate Band	56.0 kbps		64.0 kbps		1.544 Mbps		44.736 Mbps	
1	$5.77	(R)	$5.77	(R)	$13.44	(R)	$102.37	(R)
2	$11.54	(R)	$11.54	(R)	$26.88	(R)	$204.73	(R)
3	$17.31	(R)	$17.31	(R)	$40.32	(R)	$307.10	(R)
4	$23.09	(R)	$23.09	(R)	$53.76	(R)	$409.46	(R)
5	$32.59	(R)	$32.59	(R)	$75.89	(R)	$578.07	(R)
6	$42.10	(R)	$42.10	(R)	$98.03	(R)	$746.67	(R)
7	$51.60	(R)	$51.60	(R)	$120.16	(R)	$915.27	(R)
8	$61.11	(R)	$61.11	(R)	$142.30	(R)	$1,083.88	(R)
9	$70.62	(R)	$70.62	(R)	$164.44	(R)	$1,252.48	(R)
10	$80.12	(R)	$80.12	(R)	$186.57	(R)	$1,421.08	(R)
11	$89.63	(R)	$89.63	(R)	$208.71	(R)	$1,589.68	(R)
12	$99.13	(R)	$99.13	(R)	$230.84	(R)	$1,758.29	(R)
13	$108.64	(R)	$108.64	(R)	$252.98	(R)	$1,926.89	(R)
14	$118.15	(R)	$118.15	(R)	$275.11	(R)	$2,095.49	(R)
15	$127.65	(R)	$127.65	(R)	$297.25	(R)	$2,264.10	(R)
16	$137.16	(R)	$137.16	(R)	$319.39	(R)	$2,432.70	(R)
17	$146.66	(R)	$146.66	(R)	$341.52	(R)	$2,601.30	(R)
18	$156.17	(R)	$156.17	(R)	$363.66	(R)	$2,769.90	(R)
19	$165.68	(R)	$165.68	(R)	$385.79	(R)	$2,938.51	(R)
20	$175.18	(I)	$175.18	(I)	$407.93	(I)	$3,107.11	(I)
21	$184.69	(I)	$184.69	(I)	$430.06	(I)	$3,275.71	(I)
22	$194.19	(R)	$194.19	(R)	$452.20	(R)	$3,444.31	(R)
23	$203.70	(R)	$203.70	(R)	$474.34	(R)	$3,612.92	(R)
24	$213.21	(R)	$213.21	(R)	$496.47	(R)	$3,781.52	(R)
25	$222.71	(N)	$222.71	(N)	$518.61	(N)	$3,950.12	(N)
26	$232.22	(N)	$232.22	(N)	$540.74	(N)	$4,118.73	(N)
27	$241.72	(N)	$241.72	(N)	$562.88	(N)	$4,287.33	(N)
28	$251.23	(N)	$251.23	(N)	$585.01	(N)	$4,455.93	(N)
29	$260.74	(N)	$260.74	(N)	$607.15	(N)	$4,624.53	(N)
30	$270.24	(N)	$270.24	(N)	$629.28	(N)	$4,793.14	(N)
31	$279.75	(N)	$279.75	(N)	$651.42	(N)	$4,961.74	(N)
32	$289.25	(N)	$289.25	(N)	$673.56	(N)	$5,130.34	(N)
33	$298.76	(N)	$298.76	(N)	$695.69	(N)	$5,298.95	(N)
34	$308.27	(N)	$308.27	(N)	$717.83	(N)	$5,467.55	(N)
35	$317.77	(N)	$317.77	(N)	$739.96	(N)	$5,636.15	(N)
36	$327.28	(N)	$327.28	(N)	$762.10	(N)	$5,804.75	(N)
37	$336.78	(N)	$336.78	(N)	$784.23	(N)	$5,973.36	(N)
38	$346.29	(N)	$346.29	(N)	$806.37	(N)	$6,141.96	(N)
39	$367.07	(N)	$367.07	(N)	$854.75	(N)	$6,510.48	(N)
40	$387.84	(N)	$387.84	(N)	$903.13	(N)	$6,879.00	(N)
41	$408.62	(N)	$408.62	(N)	$951.52	(N)	$7,247.51	(N)
42	$429.40	(N)	$429.40	(N)	$999.90	(N)	$7,616.03	(N)
43	$450.18	(N)	$450.18	(N)	$1,048.28	(N)	$7,984.55	(N)
44	$470.95	(N)	$470.95	(N)	$1,096.66	(N)	$8,353.07	(N)
45	$491.73	(N)	$491.73	(N)	$1,145.05	(N)	$8,721.58	(N)
46	$512.51	(N)	$512.51	(N)	$1,193.43	(N)	$9,090.10	(N)
47	$533.29	(N)	$533.29	(N)	$1,241.81	(N)	$9,458.62	(N)
48	$554.06	(N)	$554.06	(N)	$1,290.19	(N)	$9,827.14	(N)
49	$574.84	(N)	$574.84	(N)	$1,338.57	(N)	$10,195.65	(N)
50	$595.62	(N)	$595.62	(N)	$1,386.96	(N)	$10,564.17	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(A) Frame Relay Access Service (Cont'd)

Connections (Cont'd)

(4) Inter-network Customer Port, Per Port

Monthly Rate

Rate Band	1.544 Mbps		44.736 Mbps	
1	$13.44	(R)	$102.37	(R)
2	$26.88	(R)	$204.73	(R)
3	$40.32	(R)	$307.10	(R)
4	$53.76	(R)	$409.46	(R)
5	$75.89	(R)	$578.07	(R)
6	$98.03	(R)	$746.67	(R)
7	$120.16	(R)	$915.27	(R)
8	$142.30	(R)	$1,083.88	(R)
9	$164.44	(R)	$1,252.48	(R)
10	$186.57	(R)	$1,421.08	(R)
11	$208.71	(R)	$1,589.68	(R)
12	$230.84	(R)	$1,758.29	(R)
13	$252.98	(R)	$1,926.89	(R)
14	$275.11	(R)	$2,095.49	(R)
15	$297.25	(R)	$2,264.10	(R)
16	$319.39	(R)	$2,432.70	(R)
17	$341.52	(R)	$2,601.30	(R)
18	$363.66	(R)	$2,769.90	(R)
19	$385.79	(R)	$2,938.51	(R)
20	$407.93	(I)	$3,107.11	(I)
21	$430.06	(I)	$3,275.71	(I)
22	$452.20	(R)	$3,444.31	(R)
23	$474.34	(R)	$3,612.92	(R)
24	$496.47	(R)	$3,781.52	(R)
25	$518.61	(N)	$3,950.12	(N)
26	$540.74	(N)	$4,118.73	(N)
27	$562.88	(N)	$4,287.33	(N)
28	$585.01	(N)	$4,455.93	(N)
29	$607.15	(N)	$4,624.53	(N)
30	$629.28	(N)	$4,793.14	(N)
31	$651.42	(N)	$4,961.74	(N)
32	$673.56	(N)	$5,130.34	(N)
33	$695.69	(N)	$5,298.95	(N)
34	$717.83	(N)	$5,467.55	(N)
35	$739.96	(N)	$5,636.15	(N)
36	$762.10	(N)	$5,804.75	(N)
37	$784.23	(N)	$5,973.36	(N)
38	$806.37	(N)	$6,141.96	(N)
39	$854.75	(N)	$6,510.48	(N)
40	$903.13	(N)	$6,879.00	(N)
41	$951.52	(N)	$7,247.51	(N)
42	$999.90	(N)	$7,616.03	(N)
43	$1,048.28	(N)	$7,984.55	(N)
44	$1,096.66	(N)	$8,353.07	(N)
45	$1,145.05	(N)	$8,721.58	(N)
46	$1,193.43	(N)	$9,090.10	(N)
47	$1,241.81	(N)	$9,458.62	(N)
48	$1,290.19	(N)	$9,827.14	(N)
49	$1,338.57	(N)	$10,195.65	(N)
50	$1,386.96	(N)	$10,564.17	(N)

(5) Optional Rate Plan, Term Discounts

	Percentage
36 Months	10%
60 Months	20%

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(A) Frame Relay Access Service (Cont'd)

(6) Permanent Virtual Connections (PVCs)

(a) Standard CIR

Monthly Rate

Rate Band	8 kbps		16 kbps		28 kbps		32 kbps		56 kbps		64 kbps	
1	$0.41	(R)	$0.41	(R)	$0.49	(R)	$0.49	(R)	$0.58	(R)	$0.58	(R)
2	$0.82	(R)	$0.82	(R)	$0.99	(R)	$0.99	(R)	$1.16	(R)	$1.16	(R)
3	$1.24	(R)	$1.24	(R)	$1.48	(R)	$1.48	(R)	$1.73	(R)	$1.73	(R)
4	$1.65	(R)	$1.65	(R)	$1.98	(R)	$1.98	(R)	$2.31	(R)	$2.31	(R)
5	$2.33	(R)	$2.33	(R)	$2.79	(R)	$2.79	(R)	$3.26	(R)	$3.26	(R)
6	$3.01	(R)	$3.01	(R)	$3.60	(R)	$3.60	(R)	$4.22	(R)	$4.22	(R)
7	$3.68	(R)	$3.68	(R)	$4.42	(R)	$4.42	(R)	$5.17	(R)	$5.17	(R)
8	$4.36	(R)	$4.36	(R)	$5.23	(R)	$5.23	(R)	$6.12	(R)	$6.12	(R)
9	$5.04	(R)	$5.04	(R)	$6.04	(R)	$6.04	(R)	$7.07	(R)	$7.07	(R)
10	$5.72	(R)	$5.72	(R)	$6.86	(R)	$6.86	(R)	$8.02	(R)	$8.02	(R)
11	$6.40	(R)	$6.40	(R)	$7.67	(R)	$7.67	(R)	$8.98	(R)	$8.98	(R)
12	$7.08	(R)	$7.08	(R)	$8.49	(R)	$8.49	(R)	$9.93	(R)	$9.93	(R)
13	$7.76	(R)	$7.76	(R)	$9.30	(R)	$9.30	(R)	$10.88	(R)	$10.88	(R)
14	$8.43	(R)	$8.43	(R)	$10.11	(R)	$10.11	(R)	$11.83	(R)	$11.83	(R)
15	$9.11	(R)	$9.11	(R)	$10.93	(R)	$10.93	(R)	$12.78	(R)	$12.78	(R)
16	$9.79	(R)	$9.79	(R)	$11.74	(R)	$11.74	(R)	$13.74	(R)	$13.74	(R)
17	$10.47	(R)	$10.47	(R)	$12.55	(R)	$12.55	(R)	$14.69	(R)	$14.69	(R)
18	$11.15	(R)	$11.15	(R)	$13.37	(R)	$13.37	(R)	$15.64	(R)	$15.64	(R)
19	$11.83	(R)	$11.83	(R)	$14.18	(R)	$14.18	(R)	$16.59	(R)	$16.59	(R)
20	$12.51		$12.51		$14.99		$14.99		$17.54		$17.54	
21	$13.18	(I)	$13.18	(I)	$15.81	(I)	$15.81	(I)	$18.50	(I)	$18.50	(I)
22	$13.86	(R)	$13.86	(R)	$16.62	(R)	$16.62	(R)	$19.45	(R)	$19.45	(R)
23	$14.54	(R)	$14.54	(R)	$17.44	(R)	$17.44	(R)	$20.40	(R)	$20.40	(R)
24	$15.22	(R)	$15.22	(R)	$18.25	(R)	$18.25	(R)	$21.35	(R)	$21.35	(R)
25	$15.90	(N)	$15.90	(N)	$19.06	(N)	$19.06	(N)	$22.30	(N)	$22.30	(N)
26	$16.58	(N)	$16.58	(N)	$19.88	(N)	$19.88	(N)	$23.26	(N)	$23.26	(N)
27	$17.26	(N)	$17.26	(N)	$20.69	(N)	$20.69	(N)	$24.21	(N)	$24.21	(N)
28	$17.93	(N)	$17.93	(N)	$21.50	(N)	$21.50	(N)	$25.16	(N)	$25.16	(N)
29	$18.61	(N)	$18.61	(N)	$22.32	(N)	$22.32	(N)	$26.11	(N)	$26.11	(N)
30	$19.29	(N)	$19.29	(N)	$23.13	(N)	$23.13	(N)	$27.06	(N)	$27.06	(N)
31	$19.97	(N)	$19.97	(N)	$23.94	(N)	$23.94	(N)	$28.02	(N)	$28.02	(N)
32	$20.65	(N)	$20.65	(N)	$24.76	(N)	$24.76	(N)	$28.97	(N)	$28.97	(N)
33	$21.33	(N)	$21.33	(N)	$25.57	(N)	$25.57	(N)	$29.92	(N)	$29.92	(N)
34	$22.01	(N)	$22.01	(N)	$26.39	(N)	$26.39	(N)	$30.87	(N)	$30.87	(N)
35	$22.68	(N)	$22.68	(N)	$27.20	(N)	$27.20	(N)	$31.82	(N)	$31.82	(N)
36	$23.36	(N)	$23.36	(N)	$28.01	(N)	$28.01	(N)	$32.78	(N)	$32.78	(N)
37	$24.04	(N)	$24.04	(N)	$28.83	(N)	$28.83	(N)	$33.73	(N)	$33.73	(N)
38	$24.72	(N)	$24.72	(N)	$29.64	(N)	$29.64	(N)	$34.68	(N)	$34.68	(N)
39	$26.20	(N)	$26.20	(N)	$31.42	(N)	$31.42	(N)	$36.76	(N)	$36.76	(N)
40	$27.69	(N)	$27.69	(N)	$33.20	(N)	$33.20	(N)	$38.84	(N)	$38.84	(N)
41	$29.17	(N)	$29.17	(N)	$34.98	(N)	$34.98	(N)	$40.92	(N)	$40.92	(N)
42	$30.65	(N)	$30.65	(N)	$36.75	(N)	$36.75	(N)	$43.00	(N)	$43.00	(N)
43	$32.14	(N)	$32.14	(N)	$38.53	(N)	$38.53	(N)	$45.08	(N)	$45.08	(N)
44	$33.62	(N)	$33.62	(N)	$40.31	(N)	$40.31	(N)	$47.16	(N)	$47.16	(N)
45	$35.10	(N)	$35.10	(N)	$42.09	(N)	$42.09	(N)	$49.25	(N)	$49.25	(N)
46	$36.59	(N)	$36.59	(N)	$43.87	(N)	$43.87	(N)	$51.33	(N)	$51.33	(N)
47	$38.07	(N)	$38.07	(N)	$45.65	(N)	$45.65	(N)	$53.41	(N)	$53.41	(N)
48	$39.55	(N)	$39.55	(N)	$47.42	(N)	$47.42	(N)	$55.49	(N)	$55.49	(N)
49	$41.04	(N)	$41.04	(N)	$49.20	(N)	$49.20	(N)	$57.57	(N)	$57.57	(N)
50	$42.52	(N)	$42.52	(N)	$50.98	(N)	$50.98	(N)	$59.65	(N)	$59.65	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(A) Frame Relay Access Service (Cont'd)

(6) Permanent Virtual Connections (PVCs) (Cont'd)

(a) Standard CIR (Cont'd)

Monthly Rate

Rate Band	128 kbps		192 kbps		256 kbps		384 kbps		512 kbps		768 kbps	
1	$0.74	(R)	$0.99	(R)	$1.15	(R)	$1.65	(R)	$2.31	(R)	$2.97	(R)
2	$1.48	(R)	$1.98	(R)	$2.31	(R)	$3.30	(R)	$4.62	(R)	$5.94	(R)
3	$2.22	(R)	$2.97	(R)	$3.46	(R)	$4.95	(R)	$6.92	(R)	$8.90	(R)
4	$2.96	(R)	$3.96	(R)	$4.62	(R)	$6.60	(R)	$9.23	(R)	$11.87	(R)
5	$4.18	(R)	$5.59	(R)	$6.52	(R)	$9.31	(R)	$13.03	(R)	$16.76	(R)
6	$5.40	(R)	$7.22	(R)	$8.42	(R)	$12.03	(R)	$16.83	(R)	$21.65	(R)
7	$6.62	(R)	$8.85	(R)	$10.32	(R)	$14.75	(R)	$20.64	(R)	$26.54	(R)
8	$7.84	(R)	$10.48	(R)	$12.22	(R)	$17.47	(R)	$24.44	(R)	$31.43	(R)
9	$9.06	(R)	$12.11	(R)	$14.13	(R)	$20.18	(R)	$28.24	(R)	$36.31	(R)
10	$10.28	(R)	$13.74	(R)	$16.03	(R)	$22.90	(R)	$32.04	(R)	$41.20	(R)
11	$11.50	(R)	$15.37	(R)	$17.93	(R)	$25.62	(R)	$35.84	(R)	$46.09	(R)
12	$12.72	(R)	$17.00	(R)	$19.83	(R)	$28.33	(R)	$39.64	(R)	$50.98	(R)
13	$13.94	(R)	$18.63	(R)	$21.73	(R)	$31.05	(R)	$43.44	(R)	$55.87	(R)
14	$15.16	(R)	$20.26	(R)	$23.63	(R)	$33.77	(R)	$47.25	(R)	$60.76	(R)
15	$16.38	(R)	$21.89	(R)	$25.53	(R)	$36.48	(R)	$51.05	(R)	$65.65	(R)
16	$17.60	(R)	$23.52	(R)	$27.44	(R)	$39.20	(R)	$54.85	(R)	$70.53	(R)
17	$18.82	(R)	$25.14	(R)	$29.34	(R)	$41.92	(R)	$58.65	(R)	$75.42	(R)
18	$20.04	(R)	$26.77	(R)	$31.24	(R)	$44.63	(R)	$62.45	(R)	$80.31	(R)
19	$21.26	(R)	$28.40	(R)	$33.14	(R)	$47.35	(R)	$66.25	(R)	$85.20	(R)
20	$22.48	(I)	$30.03		$35.04		$50.07	(I)	$70.05	(I)	$90.09	(I)
21	$23.70	(I)	$31.66	(I)	$36.94	(I)	$52.78	(I)	$73.86	(I)	$94.98	(I)
22	$24.92	(R)	$33.29	(R)	$38.85	(R)	$55.50	(R)	$77.66	(R)	$99.86	(R)
23	$26.14	(R)	$34.92	(R)	$40.75	(R)	$58.22	(R)	$81.46	(R)	$104.75	(R)
24	$27.35	(R)	$36.55	(R)	$42.65	(R)	$60.93	(R)	$85.26	(R)	$109.64	(R)
25	$28.57	(N)	$38.18	(N)	$44.55	(N)	$63.65	(N)	$89.06	(N)	$114.53	(N)
26	$29.79	(N)	$39.81	(N)	$46.45	(N)	$66.37	(N)	$92.86	(N)	$119.42	(N)
27	$31.01	(N)	$41.44	(N)	$48.35	(N)	$69.08	(N)	$96.66	(N)	$124.31	(N)
28	$32.23	(N)	$43.07	(N)	$50.25	(N)	$71.80	(N)	$100.47	(N)	$129.20	(N)
29	$33.45	(N)	$44.70	(N)	$52.16	(N)	$74.52	(N)	$104.27	(N)	$134.08	(N)
30	$34.67	(N)	$46.33	(N)	$54.06	(N)	$77.24	(N)	$108.07	(N)	$138.97	(N)
31	$35.89	(N)	$47.96	(N)	$55.96	(N)	$79.95	(N)	$111.87	(N)	$143.86	(N)
32	$37.11	(N)	$49.59	(N)	$57.86	(N)	$82.67	(N)	$115.67	(N)	$148.75	(N)
33	$38.33	(N)	$51.22	(N)	$59.76	(N)	$85.39	(N)	$119.47	(N)	$153.64	(N)
34	$39.55	(N)	$52.85	(N)	$61.66	(N)	$88.10	(N)	$123.27	(N)	$158.53	(N)
35	$40.77	(N)	$54.48	(N)	$63.57	(N)	$90.82	(N)	$127.08	(N)	$163.41	(N)
36	$41.99	(N)	$56.11	(N)	$65.47	(N)	$93.54	(N)	$130.88	(N)	$168.30	(N)
37	$43.21	(N)	$57.74	(N)	$67.37	(N)	$96.25	(N)	$134.68	(N)	$173.19	(N)
38	$44.43	(N)	$59.37	(N)	$69.27	(N)	$98.97	(N)	$138.48	(N)	$178.08	(N)
39	$47.10	(N)	$62.93	(N)	$73.43	(N)	$104.91	(N)	$146.79	(N)	$188.76	(N)
40	$49.76	(N)	$66.49	(N)	$77.58	(N)	$110.85	(N)	$155.10	(N)	$199.45	(N)
41	$52.43	(N)	$70.06	(N)	$81.74	(N)	$116.78	(N)	$163.41	(N)	$210.13	(N)
42	$55.09	(N)	$73.62	(N)	$85.89	(N)	$122.72	(N)	$171.72	(N)	$220.82	(N)
43	$57.76	(N)	$77.18	(N)	$90.05	(N)	$128.66	(N)	$180.02	(N)	$231.50	(N)
44	$60.42	(N)	$80.74	(N)	$94.21	(N)	$134.60	(N)	$188.33	(N)	$242.19	(N)
45	$63.09	(N)	$84.31	(N)	$98.36	(N)	$140.54	(N)	$196.64	(N)	$252.87	(N)
46	$65.76	(N)	$87.87	(N)	$102.52	(N)	$146.48	(N)	$204.95	(N)	$263.56	(N)
47	$68.42	(N)	$91.43	(N)	$106.68	(N)	$152.41	(N)	$213.26	(N)	$274.24	(N)
48	$71.09	(N)	$94.99	(N)	$110.83	(N)	$158.35	(N)	$221.57	(N)	$284.93	(N)
49	$73.75	(N)	$98.55	(N)	$114.99	(N)	$164.29	(N)	$229.88	(N)	$295.61	(N)
50	$76.42	(N)	$102.12	(N)	$119.14	(N)	$170.23	(N)	$238.19	(N)	$306.30	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(A) Frame Relay Access Service (Cont'd)

(6) Permanent Virtual Connections (PVCs) (Cont'd)

(b) Extended CIR

Rate Band	Monthly Rate 8 kbps		16 kbps		28 kbps		32 kbps		56 kbps		64 kbps	
1	$0.49	(R)	$0.49	(R)	$0.63	(R)	$0.63	(R)	$1.22	(R)	$1.22	(R)
2	$0.99	(R)	$0.99	(R)	$1.25	(R)	$1.25	(R)	$2.45	(R)	$2.45	(R)
3	$1.48	(R)	$1.48	(R)	$1.88	(R)	$1.88	(R)	$3.67	(R)	$3.67	(R)
4	$1.98	(R)	$1.98	(R)	$2.50	(R)	$2.50	(R)	$4.89	(R)	$4.89	(R)
5	$2.79	(R)	$2.79	(R)	$3.54	(R)	$3.54	(R)	$6.91	(R)	$6.91	(R)
6	$3.60	(R)	$3.60	(R)	$4.57	(R)	$4.57	(R)	$8.92	(R)	$8.92	(R)
7	$4.42	(R)	$4.42	(R)	$5.60	(R)	$5.60	(R)	$10.94	(R)	$10.94	(R)
8	$5.23	(R)	$5.23	(R)	$6.63	(R)	$6.63	(R)	$12.95	(R)	$12.95	(R)
9	$6.04	(R)	$6.04	(R)	$7.66	(R)	$7.66	(R)	$14.96	(R)	$14.96	(R)
10	$6.86	(R)	$6.86	(R)	$8.69	(R)	$8.69	(R)	$16.98	(R)	$16.98	(R)
11	$7.67	(R)	$7.67	(R)	$9.72	(R)	$9.72	(R)	$18.99	(R)	$18.99	(R)
12	$8.49	(R)	$8.49	(R)	$10.75	(R)	$10.75	(R)	$21.01	(R)	$21.01	(R)
13	$9.30	(R)	$9.30	(R)	$11.78	(R)	$11.78	(R)	$23.02	(R)	$23.02	(R)
14	$10.11	(R)	$10.11	(R)	$12.81	(R)	$12.81	(R)	$25.04	(R)	$25.04	(R)
15	$10.93	(R)	$10.93	(R)	$13.85	(R)	$13.85	(R)	$27.05	(R)	$27.05	(R)
16	$11.74	(R)	$11.74	(R)	$14.88	(R)	$14.88	(R)	$29.06	(R)	$29.06	(R)
17	$12.55	(R)	$12.55	(R)	$15.91	(R)	$15.91	(R)	$31.08	(R)	$31.08	(R)
18	$13.37	(R)	$13.37	(R)	$16.94	(R)	$16.94	(R)	$33.09	(R)	$33.09	(R)
19	$14.18	(R)	$14.18	(R)	$17.97	(R)	$17.97	(R)	$35.11	(R)	$35.11	(R)
20	$14.99		$14.99		$19.00		$19.00		$37.12		$37.12	
21	$15.81	(I)	$15.81	(I)	$20.03	(I)	$20.03	(I)	$39.14	(I)	$39.14	(I)
22	$16.62	(R)	$16.62	(R)	$21.06	(R)	$21.06	(R)	$41.15	(R)	$41.15	(R)
23	$17.44	(R)	$17.44	(R)	$22.09	(R)	$22.09	(R)	$43.16	(R)	$43.16	(R)
24	$18.25	(R)	$18.25	(R)	$23.13	(R)	$23.13	(R)	$45.18	(R)	$45.18	(R)
25	$19.06	(N)	$19.06	(N)	$24.16	(N)	$24.16	(N)	$47.19	(N)	$47.19	(N)
26	$19.88	(N)	$19.88	(N)	$25.19	(N)	$25.19	(N)	$49.21	(N)	$49.21	(N)
27	$20.69	(N)	$20.69	(N)	$26.22	(N)	$26.22	(N)	$51.22	(N)	$51.22	(N)
28	$21.50	(N)	$21.50	(N)	$27.25	(N)	$27.25	(N)	$53.24	(N)	$53.24	(N)
29	$22.32	(N)	$22.32	(N)	$28.28	(N)	$28.28	(N)	$55.25	(N)	$55.25	(N)
30	$23.13	(N)	$23.13	(N)	$29.31	(N)	$29.31	(N)	$57.27	(N)	$57.27	(N)
31	$23.94	(N)	$23.94	(N)	$30.34	(N)	$30.34	(N)	$59.28	(N)	$59.28	(N)
32	$24.76	(N)	$24.76	(N)	$31.37	(N)	$31.37	(N)	$61.29	(N)	$61.29	(N)
33	$25.57	(N)	$25.57	(N)	$32.40	(N)	$32.40	(N)	$63.31	(N)	$63.31	(N)
34	$26.39	(N)	$26.39	(N)	$33.44	(N)	$33.44	(N)	$65.32	(N)	$65.32	(N)
35	$27.20	(N)	$27.20	(N)	$34.47	(N)	$34.47	(N)	$67.34	(N)	$67.34	(N)
36	$28.01	(N)	$28.01	(N)	$35.50	(N)	$35.50	(N)	$69.35	(N)	$69.35	(N)
37	$28.83	(N)	$28.83	(N)	$36.53	(N)	$36.53	(N)	$71.37	(N)	$71.37	(N)
38	$29.64	(N)	$29.64	(N)	$37.56	(N)	$37.56	(N)	$73.38	(N)	$73.38	(N)
39	$31.42	(N)	$31.42	(N)	$39.81	(N)	$39.81	(N)	$77.78	(N)	$77.78	(N)
40	$33.20	(N)	$33.20	(N)	$42.07	(N)	$42.07	(N)	$82.19	(N)	$82.19	(N)
41	$34.98	(N)	$34.98	(N)	$44.32	(N)	$44.32	(N)	$86.59	(N)	$86.59	(N)
42	$36.75	(N)	$36.75	(N)	$46.57	(N)	$46.57	(N)	$90.99	(N)	$90.99	(N)
43	$38.53	(N)	$38.53	(N)	$48.83	(N)	$48.83	(N)	$95.39	(N)	$95.39	(N)
44	$40.31	(N)	$40.31	(N)	$51.08	(N)	$51.08	(N)	$99.80	(N)	$99.80	(N)
45	$42.09	(N)	$42.09	(N)	$53.34	(N)	$53.34	(N)	$104.20	(N)	$104.20	(N)
46	$43.87	(N)	$43.87	(N)	$55.59	(N)	$55.59	(N)	$108.60	(N)	$108.60	(N)
47	$45.65	(N)	$45.65	(N)	$57.84	(N)	$57.84	(N)	$113.01	(N)	$113.01	(N)
48	$47.42	(N)	$47.42	(N)	$60.10	(N)	$60.10	(N)	$117.41	(N)	$117.41	(N)
49	$49.20	(N)	$49.20	(N)	$62.35	(N)	$62.35	(N)	$121.81	(N)	$121.81	(N)
50	$50.98	(N)	$50.98	(N)	$64.60	(N)	$64.60	(N)	$126.21	(N)	$126.21	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(A) Frame Relay Access Service (Cont'd)

(6) Permanent Virtual Connections (PVCs) (Cont'd)

(b) Extended CIR (Cont'd)

	Monthly Rate											
Rate Band	128 kbps		192 kbps		256 kbps		384 kbps		512 kbps		768 kbps	
1	$2.68	(R)	$3.61	(R)	$4.80	(R)	$7.68	(R)	$9.59	(R)	$14.36	(R)
2	$5.36	(R)	$7.21	(R)	$9.59	(R)	$15.36	(R)	$19.19	(R)	$28.72	(R)
3	$8.04	(R)	$10.82	(R)	$14.39	(R)	$23.04	(R)	$28.78	(R)	$43.08	(R)
4	$10.72	(R)	$14.42	(R)	$19.18	(R)	$30.72	(R)	$38.38	(R)	$57.45	(R)
5	$15.13	(R)	$20.36	(R)	$27.08	(R)	$43.38	(R)	$54.18	(R)	$81.10	(R)
6	$19.54	(R)	$26.30	(R)	$34.98	(R)	$56.03	(R)	$69.98	(R)	$104.75	(R)
7	$23.95	(R)	$32.24	(R)	$42.88	(R)	$68.68	(R)	$85.78	(R)	$128.41	(R)
8	$28.37	(R)	$38.18	(R)	$50.78	(R)	$81.33	(R)	$101.58	(R)	$152.06	(R)
9	$32.78	(R)	$44.12	(R)	$58.68	(R)	$93.98	(R)	$117.39	(R)	$175.72	(R)
10	$37.19	(R)	$50.06	(R)	$66.58	(R)	$106.63	(R)	$133.19	(R)	$199.37	(R)
11	$41.60	(R)	$56.00	(R)	$74.48	(R)	$119.28	(R)	$148.99	(R)	$223.03	(R)
12	$46.02	(R)	$61.94	(R)	$82.38	(R)	$131.93	(R)	$164.79	(R)	$246.68	(R)
13	$50.43	(R)	$67.88	(R)	$90.28	(R)	$144.58	(R)	$180.59	(R)	$270.33	(R)
14	$54.84	(R)	$73.82	(R)	$98.18	(R)	$157.23	(R)	$196.39	(R)	$293.99	(R)
15	$59.25	(R)	$79.76	(R)	$106.08	(R)	$169.89	(R)	$212.20	(R)	$317.64	(R)
16	$63.67	(R)	$85.70	(R)	$113.98	(R)	$182.54	(R)	$228.00	(R)	$341.30	(R)
17	$68.08	(R)	$91.63	(R)	$121.87	(R)	$195.19	(R)	$243.80	(R)	$364.95	(R)
18	$72.49	(R)	$97.57	(R)	$129.77	(R)	$207.84	(R)	$259.60	(R)	$388.61	(R)
19	$76.90	(R)	$103.51	(R)	$137.67	(R)	$220.49	(R)	$275.40	(R)	$412.26	(R)
20	$81.32	(I)	$109.45	(I)	$145.57	(I)	$233.14	(I)	$291.21	(I)	$435.91	(I)
21	$85.73	(I)	$115.39	(I)	$153.47	(I)	$245.79	(I)	$307.01	(I)	$459.57	(I)
22	$90.14	(R)	$121.33	(R)	$161.37	(R)	$258.44	(R)	$322.81	(R)	$483.22	(R)
23	$94.55	(R)	$127.27	(R)	$169.27	(R)	$271.09	(R)	$338.61	(R)	$506.88	(R)
24	$98.97	(R)	$133.21	(R)	$177.17	(R)	$283.75	(R)	$354.41	(R)	$530.53	(R)
25	$103.38	(N)	$139.15	(N)	$185.07	(N)	$296.40	(N)	$370.22	(N)	$554.18	(N)
26	$107.79	(N)	$145.09	(N)	$192.97	(N)	$309.05	(N)	$386.02	(N)	$577.84	(N)
27	$112.20	(N)	$151.03	(N)	$200.87	(N)	$321.70	(N)	$401.82	(N)	$601.49	(N)
28	$116.62	(N)	$156.97	(N)	$208.77	(N)	$334.35	(N)	$417.62	(N)	$625.15	(N)
29	$121.03	(N)	$162.91	(N)	$216.67	(N)	$347.00	(N)	$433.42	(N)	$648.80	(N)
30	$125.44	(N)	$168.85	(N)	$224.57	(N)	$359.65	(N)	$449.22	(N)	$672.46	(N)
31	$129.85	(N)	$174.78	(N)	$232.46	(N)	$372.30	(N)	$465.03	(N)	$696.11	(N)
32	$134.27	(N)	$180.72	(N)	$240.36	(N)	$384.95	(N)	$480.83	(N)	$719.76	(N)
33	$138.68	(N)	$186.66	(N)	$248.26	(N)	$397.60	(N)	$496.63	(N)	$743.42	(N)
34	$143.09	(N)	$192.60	(N)	$256.16	(N)	$410.26	(N)	$512.43	(N)	$767.07	(N)
35	$147.50	(N)	$198.54	(N)	$264.06	(N)	$422.91	(N)	$528.23	(N)	$790.73	(N)
36	$151.92	(N)	$204.48	(N)	$271.96	(N)	$435.56	(N)	$544.04	(N)	$814.38	(N)
37	$156.33	(N)	$210.42	(N)	$279.86	(N)	$448.21	(N)	$559.84	(N)	$838.04	(N)
38	$160.74	(N)	$216.36	(N)	$287.76	(N)	$460.86	(N)	$575.64	(N)	$861.69	(N)
39	$170.38	(N)	$229.34	(N)	$305.03	(N)	$488.51	(N)	$610.18	(N)	$913.39	(N)
40	$180.03	(N)	$242.32	(N)	$322.29	(N)	$516.16	(N)	$644.72	(N)	$965.09	(N)
41	$189.67	(N)	$255.30	(N)	$339.56	(N)	$543.81	(N)	$679.26	(N)	$1,016.79	(N)
42	$199.32	(N)	$268.29	(N)	$356.82	(N)	$571.47	(N)	$713.79	(N)	$1,068.50	(N)
43	$208.96	(N)	$281.27	(N)	$374.09	(N)	$599.12	(N)	$748.33	(N)	$1,120.20	(N)
44	$218.61	(N)	$294.25	(N)	$391.35	(N)	$626.77	(N)	$782.87	(N)	$1,171.90	(N)
45	$228.25	(N)	$307.23	(N)	$408.62	(N)	$654.42	(N)	$817.41	(N)	$1,223.60	(N)
46	$237.90	(N)	$320.21	(N)	$425.88	(N)	$682.07	(N)	$851.95	(N)	$1,275.30	(N)
47	$247.54	(N)	$333.19	(N)	$443.15	(N)	$709.72	(N)	$886.49	(N)	$1,327.00	(N)
48	$257.18	(N)	$346.18	(N)	$460.42	(N)	$737.38	(N)	$921.02	(N)	$1,378.70	(N)
49	$266.83	(N)	$359.16	(N)	$477.68	(N)	$765.03	(N)	$955.56	(N)	$1,430.41	(N)
50	$276.47	(N)	$372.14	(N)	$494.95	(N)	$792.68	(N)	$990.10	(N)	$1,482.11	(N)

	Nonrecurring Charge
(7) PVC Installation Charge	$64.00
(8) PVC Rearrangement Charge	$32.00

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

(B) Asynchronous Transfer Mode Cell Relay Access Service

Regulations concerning Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) are set forth in Section 16.2, preceding.

(1) Ports

(a) Per Basic UNI or NNI Port

Rate Band	Monthly Rate 1.544 Mbps		Nonrecurring Charge		Monthly Rate 44.736 Mbps		Nonrecurring Charge	
1	$36.85	(R)	$390.00		$204.71	(R)	$390.00	
2	$73.70	(R)	$390.00		$409.41	(R)	$390.00	
3	$110.55	(R)	$390.00		$614.12	(R)	$390.00	
4	$147.39	(R)	$390.00		$818.83	(R)	$390.00	
5	$208.09	(R)	$390.00		$1,156.00	(R)	$390.00	
6	$268.78	(R)	$390.00		$1,493.16	(R)	$390.00	
7	$329.47	(R)	$390.00		$1,830.33	(R)	$390.00	
8	$390.16	(R)	$390.00		$2,167.49	(R)	$390.00	
9	$450.85	(R)	$390.00		$2,504.66	(R)	$390.00	
10	$511.54	(R)	$390.00		$2,841.82	(R)	$390.00	
11	$572.24	(R)	$390.00		$3,178.99	(R)	$390.00	
12	$632.93	(R)	$390.00		$3,516.15	(R)	$390.00	
13	$693.62	(R)	$390.00		$3,853.32	(R)	$390.00	
14	$754.31	(R)	$390.00		$4,190.48	(R)	$390.00	
15	$815.00	(R)	$390.00		$4,527.65	(R)	$390.00	
16	$875.69	(R)	$390.00		$4,864.81	(R)	$390.00	
17	$936.39	(R)	$390.00		$5,201.98	(R)	$390.00	
18	$997.08	(R)	$390.00		$5,539.14	(R)	$390.00	
19	$1,057.77	(R)	$390.00		$5,876.31	(R)	$390.00	
20	$1,118.46	(I)	$390.00		$6,213.47	(I)	$390.00	
21	$1,179.15	(I)	$390.00		$6,550.64	(I)	$390.00	
22	$1,239.84	(R)	$390.00		$6,887.81	(R)	$390.00	
23	$1,300.54	(R)	$390.00		$7,224.97	(R)	$390.00	
24	$1,361.23	(R)	$390.00		$7,562.14	(R)	$390.00	
25	$1,421.92	(N)	$390.00	(N)	$7,899.30	(N)	$390.00	(N)
26	$1,482.61	(N)	$390.00	(N)	$8,236.47	(N)	$390.00	(N)
27	$1,543.30	(N)	$390.00	(N)	$8,573.63	(N)	$390.00	(N)
28	$1,603.99	(N)	$390.00	(N)	$8,910.80	(N)	$390.00	(N)
29	$1,664.69	(N)	$390.00	(N)	$9,247.96	(N)	$390.00	(N)
30	$1,725.38	(N)	$390.00	(N)	$9,585.13	(N)	$390.00	(N)
31	$1,786.07	(N)	$390.00	(N)	$9,922.29	(N)	$390.00	(N)
32	$1,846.76	(N)	$390.00	(N)	$10,259.46	(N)	$390.00	(N)
33	$1,907.45	(N)	$390.00	(N)	$10,596.62	(N)	$390.00	(N)
34	$1,968.14	(N)	$390.00	(N)	$10,933.79	(N)	$390.00	(N)
35	$2,028.84	(N)	$390.00	(N)	$11,270.95	(N)	$390.00	(N)
36	$2,089.53	(N)	$390.00	(N)	$11,608.12	(N)	$390.00	(N)
37	$2,150.22	(N)	$390.00	(N)	$11,945.28	(N)	$390.00	(N)
38	$2,210.91	(N)	$390.00	(N)	$12,282.45	(N)	$390.00	(N)
39	$2,343.56	(N)	$390.00	(N)	$13,019.40	(N)	$390.00	(N)
40	$2,476.22	(N)	$390.00	(N)	$13,756.34	(N)	$390.00	(N)
41	$2,608.87	(N)	$390.00	(N)	$14,493.29	(N)	$390.00	(N)
42	$2,741.53	(N)	$390.00	(N)	$15,230.24	(N)	$390.00	(N)
43	$2,874.18	(N)	$390.00	(N)	$15,967.19	(N)	$390.00	(N)
44	$3,006.84	(N)	$390.00	(N)	$16,704.13	(N)	$390.00	(N)
45	$3,139.49	(N)	$390.00	(N)	$17,441.08	(N)	$390.00	(N)
46	$3,272.15	(N)	$390.00	(N)	$18,178.03	(N)	$390.00	(N)
47	$3,404.80	(N)	$390.00	(N)	$18,914.97	(N)	$390.00	(N)
48	$3,537.46	(N)	$390.00	(N)	$19,651.92	(N)	$390.00	(N)
49	$3,670.11	(N)	$390.00	(N)	$20,388.87	(N)	$390.00	(N)
50	$3,802.77	(N)	$390.00	(N)	$21,125.81	(N)	$390.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

(B) Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

(1) Ports (Cont'd)

(a) Per Basic UNI or NNI Port (Cont'd)

Rate Band	Monthly Rate 155.52 Mbps		Nonrecurring Charge		Monthly Rate 622.08 Mbps		Nonrecurring Charge	
1	$317.20	(R)	$390.00		$460.43	(R)	$390.00	
2	$634.40	(R)	$390.00		$920.86	(R)	$390.00	
3	$951.59	(R)	$390.00		$1,381.28	(R)	$390.00	
4	$1,268.79	(R)	$390.00		$1,841.71	(R)	$390.00	
5	$1,791.24	(R)	$390.00		$2,600.06	(R)	$390.00	
6	$2,313.68	(R)	$390.00		$3,358.42	(R)	$390.00	
7	$2,836.12	(R)	$390.00		$4,116.77	(R)	$390.00	
8	$3,358.57	(R)	$390.00		$4,875.12	(R)	$390.00	
9	$3,881.01	(R)	$390.00		$5,633.47	(R)	$390.00	
10	$4,403.45	(R)	$390.00		$6,391.82	(R)	$390.00	
11	$4,925.90	(R)	$390.00		$7,150.18	(R)	$390.00	
12	$5,448.34	(R)	$390.00		$7,908.53	(R)	$390.00	
13	$5,970.79	(R)	$390.00		$8,666.88	(R)	$390.00	
14	$6,493.23	(R)	$390.00		$9,425.23	(R)	$390.00	
15	$7,015.67	(R)	$390.00		$10,183.58	(R)	$390.00	
16	$7,538.12	(R)	$390.00		$10,941.94	(R)	$390.00	
17	$8,060.56	(R)	$390.00		$11,700.29	(R)	$390.00	
18	$8,583.00	(R)	$390.00		$12,458.64	(R)	$390.00	
19	$9,105.45	(R)	$390.00		$13,216.99	(R)	$390.00	
20	$9,627.89	(I)	$390.00		$13,975.34	(I)	$390.00	
21	$10,150.34	(I)	$390.00		$14,733.70	(I)	$390.00	
22	$10,672.78	(R)	$390.00		$15,492.05	(R)	$390.00	
23	$11,195.22	(R)	$390.00		$16,250.40	(R)	$390.00	
24	$11,717.67	(R)	$390.00		$17,008.75	(R)	$390.00	
25	$12,240.11	(N)	$390.00	(N)	$17,767.10	(N)	$390.00	(N)
26	$12,762.55	(N)	$390.00	(N)	$18,525.46	(N)	$390.00	(N)
27	$13,285.00	(N)	$390.00	(N)	$19,283.81	(N)	$390.00	(N)
28	$13,807.44	(N)	$390.00	(N)	$20,042.16	(N)	$390.00	(N)
29	$14,329.89	(N)	$390.00	(N)	$20,800.51	(N)	$390.00	(N)
30	$14,852.33	(N)	$390.00	(N)	$21,558.86	(N)	$390.00	(N)
31	$15,374.77	(N)	$390.00	(N)	$22,317.22	(N)	$390.00	(N)
32	$15,897.22	(N)	$390.00	(N)	$23,075.57	(N)	$390.00	(N)
33	$16,419.66	(N)	$390.00	(N)	$23,833.92	(N)	$390.00	(N)
34	$16,942.10	(N)	$390.00	(N)	$24,592.27	(N)	$390.00	(N)
35	$17,464.55	(N)	$390.00	(N)	$25,350.62	(N)	$390.00	(N)
36	$17,986.99	(N)	$390.00	(N)	$26,108.98	(N)	$390.00	(N)
37	$18,509.44	(N)	$390.00	(N)	$26,867.33	(N)	$390.00	(N)
38	$19,031.88	(N)	$390.00	(N)	$27,625.68	(N)	$390.00	(N)
39	$20,173.79	(N)	$390.00	(N)	$29,283.22	(N)	$390.00	(N)
40	$21,315.71	(N)	$390.00	(N)	$30,940.76	(N)	$390.00	(N)
41	$22,457.62	(N)	$390.00	(N)	$32,598.30	(N)	$390.00	(N)
42	$23,599.53	(N)	$390.00	(N)	$34,255.84	(N)	$390.00	(N)
43	$24,741.44	(N)	$390.00	(N)	$35,913.38	(N)	$390.00	(N)
44	$25,883.36	(N)	$390.00	(N)	$37,570.92	(N)	$390.00	(N)
45	$27,025.27	(N)	$390.00	(N)	$39,228.47	(N)	$390.00	(N)
46	$28,167.18	(N)	$390.00	(N)	$40,886.01	(N)	$390.00	(N)
47	$29,309.10	(N)	$390.00	(N)	$42,543.55	(N)	$390.00	(N)
48	$30,451.01	(N)	$390.00	(N)	$44,201.09	(N)	$390.00	(N)
49	$31,592.92	(N)	$390.00	(N)	$45,858.63	(N)	$390.00	(N)
50	$32,734.83	(N)	$390.00	(N)	$47,516.17	(N)	$390.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(B) Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

(1) Ports (Cont'd)

(b) Per Ethernet-based UNI or NNI Port

Rate Band	Monthly Rate 10 Mbps		Nonrecurring Charge		Monthly Rate 100 Mbps		Nonrecurring Charge	
1	$56.75	(R)	$1,780.00		$107.10	(R)	$1,780.00	
2	$113.51	(R)	$1,780.00		$214.21	(R)	$1,780.00	
3	$170.26	(R)	$1,780.00		$321.31	(R)	$1,780.00	
4	$227.02	(R)	$1,780.00		$428.42	(R)	$1,780.00	
5	$320.49	(R)	$1,780.00		$604.83	(R)	$1,780.00	
6	$413.97	(R)	$1,780.00		$781.23	(R)	$1,780.00	
7	$507.45	(R)	$1,780.00		$957.64	(R)	$1,780.00	
8	$600.92	(R)	$1,780.00		$1,134.05	(R)	$1,780.00	
9	$694.40	(R)	$1,780.00		$1,310.46	(R)	$1,780.00	
10	$787.88	(R)	$1,780.00		$1,486.86	(R)	$1,780.00	
11	$881.36	(R)	$1,780.00		$1,663.27	(R)	$1,780.00	
12	$974.83	(R)	$1,780.00		$1,839.68	(R)	$1,780.00	
13	$1,068.31	(R)	$1,780.00		$2,016.08	(R)	$1,780.00	
14	$1,161.79	(R)	$1,780.00		$2,192.49	(R)	$1,780.00	
15	$1,255.26	(R)	$1,780.00		$2,368.90	(R)	$1,780.00	
16	$1,348.74	(R)	$1,780.00		$2,545.31	(R)	$1,780.00	
17	$1,442.22	(R)	$1,780.00		$2,721.71	(R)	$1,780.00	
18	$1,535.70	(R)	$1,780.00		$2,898.12	(R)	$1,780.00	
19	$1,629.17	(R)	$1,780.00		$3,074.53	(R)	$1,780.00	
20	$1,722.65	(I)	$1,780.00		$3,250.94	(I)	$1,780.00	
21	$1,816.13	(I)	$1,780.00		$3,427.34	(I)	$1,780.00	
22	$1,909.61	(R)	$1,780.00		$3,603.75	(R)	$1,780.00	
23	$2,003.08	(R)	$1,780.00		$3,780.16	(R)	$1,780.00	
24	$2,096.56	(R)	$1,780.00		$3,956.57	(R)	$1,780.00	
25	$2,190.04	(N)	$1,780.00	(N)	$4,132.97	(N)	$1,780.00	(N)
26	$2,283.51	(N)	$1,780.00	(N)	$4,309.38	(N)	$1,780.00	(N)
27	$2,376.99	(N)	$1,780.00	(N)	$4,485.79	(N)	$1,780.00	(N)
28	$2,470.47	(N)	$1,780.00	(N)	$4,662.20	(N)	$1,780.00	(N)
29	$2,563.95	(N)	$1,780.00	(N)	$4,838.60	(N)	$1,780.00	(N)
30	$2,657.42	(N)	$1,780.00	(N)	$5,015.01	(N)	$1,780.00	(N)
31	$2,750.90	(N)	$1,780.00	(N)	$5,191.42	(N)	$1,780.00	(N)
32	$2,844.38	(N)	$1,780.00	(N)	$5,367.83	(N)	$1,780.00	(N)
33	$2,937.85	(N)	$1,780.00	(N)	$5,544.23	(N)	$1,780.00	(N)
34	$3,031.33	(N)	$1,780.00	(N)	$5,720.64	(N)	$1,780.00	(N)
35	$3,124.81	(N)	$1,780.00	(N)	$5,897.05	(N)	$1,780.00	(N)
36	$3,218.29	(N)	$1,780.00	(N)	$6,073.46	(N)	$1,780.00	(N)
37	$3,311.76	(N)	$1,780.00	(N)	$6,249.86	(N)	$1,780.00	(N)
38	$3,405.24	(N)	$1,780.00	(N)	$6,426.27	(N)	$1,780.00	(N)
39	$3,609.55	(N)	$1,780.00	(N)	$6,811.85	(N)	$1,780.00	(N)
40	$3,813.87	(N)	$1,780.00	(N)	$7,197.42	(N)	$1,780.00	(N)
41	$4,018.18	(N)	$1,780.00	(N)	$7,583.00	(N)	$1,780.00	(N)
42	$4,222.50	(N)	$1,780.00	(N)	$7,968.57	(N)	$1,780.00	(N)
43	$4,426.81	(N)	$1,780.00	(N)	$8,354.15	(N)	$1,780.00	(N)
44	$4,631.13	(N)	$1,780.00	(N)	$8,739.73	(N)	$1,780.00	(N)
45	$4,835.44	(N)	$1,780.00	(N)	$9,125.30	(N)	$1,780.00	(N)
46	$5,039.76	(N)	$1,780.00	(N)	$9,510.88	(N)	$1,780.00	(N)
47	$5,244.07	(N)	$1,780.00	(N)	$9,896.46	(N)	$1,780.00	(N)
48	$5,448.38	(N)	$1,780.00	(N)	$10,282.03	(N)	$1,780.00	(N)
49	$5,652.70	(N)	$1,780.00	(N)	$10,667.61	(N)	$1,780.00	(N)
50	$5,857.01	(N)	$1,780.00	(N)	$11,053.18	(N)	$1,780.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(B) Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

(1) Ports (Cont'd)

(b) Per Ethernet-based UNI or NNI Port (Cont'd)

Rate Band	Monthly Rate 1 Gbps		Nonrecurring Charge	
1	$207.11	(R)	$3,233.00	
2	$414.23	(R)	$3,233.00	
3	$621.34	(R)	$3,233.00	
4	$828.46	(R)	$3,233.00	
5	$1,169.59	(R)	$3,233.00	
6	$1,510.72	(R)	$3,233.00	
7	$1,851.85	(R)	$3,233.00	
8	$2,192.98	(R)	$3,233.00	
9	$2,534.11	(R)	$3,233.00	
10	$2,875.24	(R)	$3,233.00	
11	$3,216.37	(R)	$3,233.00	
12	$3,557.50	(R)	$3,233.00	
13	$3,898.63	(R)	$3,233.00	
14	$4,239.76	(R)	$3,233.00	
15	$4,580.89	(R)	$3,233.00	
16	$4,922.02	(R)	$3,233.00	
17	$5,263.14	(R)	$3,233.00	
18	$5,604.27	(R)	$3,233.00	
19	$5,945.40	(R)	$3,233.00	
20	$6,286.53	(I)	$3,233.00	
21	$6,627.66	(I)	$3,233.00	
22	$6,968.79	(R)	$3,233.00	
23	$7,309.92	(R)	$3,233.00	
24	$7,651.05	(R)	$3,233.00	
25	$7,992.18	(N)	$3,233.00	(N)
26	$8,333.31	(N)	$3,233.00	(N)
27	$8,674.44	(N)	$3,233.00	(N)
28	$9,015.57	(N)	$3,233.00	(N)
29	$9,356.70	(N)	$3,233.00	(N)
30	$9,697.83	(N)	$3,233.00	(N)
31	$10,038.96	(N)	$3,233.00	(N)
32	$10,380.09	(N)	$3,233.00	(N)
33	$10,721.22	(N)	$3,233.00	(N)
34	$11,062.35	(N)	$3,233.00	(N)
35	$11,403.48	(N)	$3,233.00	(N)
36	$11,744.61	(N)	$3,233.00	(N)
37	$12,085.74	(N)	$3,233.00	(N)
38	$12,426.87	(N)	$3,233.00	(N)
39	$13,172.48	(N)	$3,233.00	(N)
40	$13,918.09	(N)	$3,233.00	(N)
41	$14,663.71	(N)	$3,233.00	(N)
42	$15,409.32	(N)	$3,233.00	(N)
43	$16,154.93	(N)	$3,233.00	(N)
44	$16,900.54	(N)	$3,233.00	(N)
45	$17,646.16	(N)	$3,233.00	(N)
46	$18,391.77	(N)	$3,233.00	(N)
47	$19,137.38	(N)	$3,233.00	(N)
48	$19,882.99	(N)	$3,233.00	(N)
49	$20,628.60	(N)	$3,233.00	(N)
50	$21,374.22	(N)	$3,233.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(B) Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

(2) Virtual Paths

(a) Path Charge, Per Path

Rate Band	Monthly Rate		Nonrecurring Charge	
1	$0.41	(R)	$64.00	
2	$0.82	(R)	$64.00	
3	$1.24	(R)	$64.00	
4	$1.65	(R)	$64.00	
5	$2.33	(R)	$64.00	
6	$3.01	(R)	$64.00	
7	$3.68	(R)	$64.00	
8	$4.36	(R)	$64.00	
9	$5.04	(R)	$64.00	
10	$5.72	(R)	$64.00	
11	$6.40	(R)	$64.00	
12	$7.08	(R)	$64.00	
13	$7.76	(R)	$64.00	
14	$8.43	(R)	$64.00	
15	$9.11	(R)	$64.00	
16	$9.79	(R)	$64.00	
17	$10.47	(R)	$64.00	
18	$11.15	(R)	$64.00	
19	$11.83	(R)	$64.00	
20	$12.51		$64.00	
21	$13.18	(I)	$64.00	
22	$13.86	(R)	$64.00	
23	$14.54	(R)	$64.00	
24	$15.22	(R)	$64.00	
25	$15.90	(N)	$64.00	(N)
26	$16.58	(N)	$64.00	(N)
27	$17.26	(N)	$64.00	(N)
28	$17.93	(N)	$64.00	(N)
29	$18.61	(N)	$64.00	(N)
30	$19.29	(N)	$64.00	(N)
31	$19.97	(N)	$64.00	(N)
32	$20.65	(N)	$64.00	(N)
33	$21.33	(N)	$64.00	(N)
34	$22.01	(N)	$64.00	(N)
35	$22.68	(N)	$64.00	(N)
36	$23.36	(N)	$64.00	(N)
37	$24.04	(N)	$64.00	(N)
38	$24.72	(N)	$64.00	(N)
39	$26.20	(N)	$64.00	(N)
40	$27.69	(N)	$64.00	(N)
41	$29.17	(N)	$64.00	(N)
42	$30.65	(N)	$64.00	(N)
43	$32.14	(N)	$64.00	(N)
44	$33.62	(N)	$64.00	(N)
45	$35.10	(N)	$64.00	(N)
46	$36.59	(N)	$64.00	(N)
47	$38.07	(N)	$64.00	(N)
48	$39.55	(N)	$64.00	(N)
49	$41.04	(N)	$64.00	(N)
50	$42.52	(N)	$64.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(B) Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

(2) Virtual Paths (Cont'd)

(b) Capacity Charge, Per Megabit of Capacity, Per Path

Traffic Routing Prioritization Parameter

Monthly Rate

Path size 1 to 50 Mbps

Rate Band	CBR		VBR-rt		VBR-nrt		UBR	
1	$2.37	(R)	$1.90	(R)	$1.42	(R)	$1.19	(R)
2	$4.74	(R)	$3.79	(R)	$2.85	(R)	$2.37	(R)
3	$7.11	(R)	$5.69	(R)	$4.27	(R)	$3.56	(R)
4	$9.48	(R)	$7.59	(R)	$5.69	(R)	$4.74	(R)
5	$13.39	(R)	$10.71	(R)	$8.04	(R)	$6.69	(R)
6	$17.29	(R)	$13.83	(R)	$10.38	(R)	$8.65	(R)
7	$21.20	(R)	$16.96	(R)	$12.73	(R)	$10.60	(R)
8	$25.10	(R)	$20.08	(R)	$15.07	(R)	$12.55	(R)
9	$29.01	(R)	$23.20	(R)	$17.42	(R)	$14.50	(R)
10	$32.92	(R)	$26.33	(R)	$19.76	(R)	$16.46	(R)
11	$36.82	(R)	$29.45	(R)	$22.11	(R)	$18.41	(R)
12	$40.73	(R)	$32.58	(R)	$24.45	(R)	$20.36	(R)
13	$44.63	(R)	$35.70	(R)	$26.80	(R)	$22.32	(R)
14	$48.54	(R)	$38.82	(R)	$29.14	(R)	$24.27	(R)
15	$52.44	(R)	$41.95	(R)	$31.48	(R)	$26.22	(R)
16	$56.35	(R)	$45.07	(R)	$33.83	(R)	$28.17	(R)
17	$60.25	(R)	$48.19	(R)	$36.17	(R)	$30.13	(R)
18	$64.16	(R)	$51.32	(R)	$38.52	(R)	$32.08	(R)
19	$68.06	(R)	$54.44	(R)	$40.86	(R)	$34.03	(R)
20	$71.97	(I)	$57.56	(I)	$43.21	(I)	$35.98	
21	$75.87	(I)	$60.69	(I)	$45.55	(I)	$37.94	(I)
22	$79.78	(R)	$63.81	(R)	$47.90	(R)	$39.89	(R)
23	$83.68	(R)	$66.94	(R)	$50.24	(R)	$41.84	(R)
24	$87.59	(R)	$70.06	(R)	$52.59	(R)	$43.79	(R)
25	$91.49	(N)	$73.18	(N)	$54.93	(N)	$45.75	(N)
26	$95.40	(N)	$76.31	(N)	$57.27	(N)	$47.70	(N)
27	$99.30	(N)	$79.43	(N)	$59.62	(N)	$49.65	(N)
28	$103.21	(N)	$82.55	(N)	$61.96	(N)	$51.60	(N)
29	$107.11	(N)	$85.68	(N)	$64.31	(N)	$53.56	(N)
30	$111.02	(N)	$88.80	(N)	$66.65	(N)	$55.51	(N)
31	$114.92	(N)	$91.92	(N)	$69.00	(N)	$57.46	(N)
32	$118.83	(N)	$95.05	(N)	$71.34	(N)	$59.41	(N)
33	$122.73	(N)	$98.17	(N)	$73.69	(N)	$61.37	(N)
34	$126.64	(N)	$101.30	(N)	$76.03	(N)	$63.32	(N)
35	$130.54	(N)	$104.42	(N)	$78.38	(N)	$65.27	(N)
36	$134.45	(N)	$107.54	(N)	$80.72	(N)	$67.22	(N)
37	$138.35	(N)	$110.67	(N)	$83.07	(N)	$69.18	(N)
38	$142.26	(N)	$113.79	(N)	$85.41	(N)	$71.13	(N)
39	$150.80	(N)	$120.62	(N)	$90.53	(N)	$75.40	(N)
40	$159.33	(N)	$127.44	(N)	$95.66	(N)	$79.67	(N)
41	$167.87	(N)	$134.27	(N)	$100.78	(N)	$83.93	(N)
42	$176.40	(N)	$141.10	(N)	$105.91	(N)	$88.20	(N)
43	$184.94	(N)	$147.93	(N)	$111.03	(N)	$92.47	(N)
44	$193.47	(N)	$154.75	(N)	$116.16	(N)	$96.74	(N)
45	$202.01	(N)	$161.58	(N)	$121.28	(N)	$101.00	(N)
46	$210.54	(N)	$168.41	(N)	$126.41	(N)	$105.27	(N)
47	$219.08	(N)	$175.24	(N)	$131.53	(N)	$109.54	(N)
48	$227.62	(N)	$182.06	(N)	$136.66	(N)	$113.81	(N)
49	$236.15	(N)	$188.89	(N)	$141.78	(N)	$118.08	(N)
50	$244.69	(N)	$195.72	(N)	$146.91	(N)	$122.34	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(B) Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

(2) Virtual Paths (Cont'd)

(b) Capacity Charge, Per Megabit of Capacity, Per Path (Cont'd)

Traffic Routing Prioritization Parameter (Cont'd)

Monthly Rate

Path Size 51 to 150 Mbps

Rate Band	CBR		VBR-rt		VBR-nrt		UBR	
1	$2.13	(R)	$1.66	(R)	$1.19	(R)	$0.95	(R)
2	$4.27	(R)	$3.32	(R)	$2.37	(R)	$1.90	(R)
3	$6.40	(R)	$4.98	(R)	$3.56	(R)	$2.84	(R)
4	$8.53	(R)	$6.64	(R)	$4.74	(R)	$3.79	(R)
5	$12.05	(R)	$9.37	(R)	$6.69	(R)	$5.35	(R)
6	$15.56	(R)	$12.10	(R)	$8.65	(R)	$6.91	(R)
7	$19.08	(R)	$14.84	(R)	$10.60	(R)	$8.48	(R)
8	$22.59	(R)	$17.57	(R)	$12.55	(R)	$10.04	(R)
9	$26.10	(R)	$20.30	(R)	$14.50	(R)	$11.60	(R)
10	$29.62	(R)	$23.04	(R)	$16.46	(R)	$13.16	(R)
11	$33.13	(R)	$25.77	(R)	$18.41	(R)	$14.72	(R)
12	$36.65	(R)	$28.50	(R)	$20.36	(R)	$16.28	(R)
13	$40.16	(R)	$31.24	(R)	$22.32	(R)	$17.84	(R)
14	$43.67	(R)	$33.97	(R)	$24.27	(R)	$19.41	(R)
15	$47.19	(R)	$36.70	(R)	$26.22	(R)	$20.97	(R)
16	$50.70	(R)	$39.44	(R)	$28.17	(R)	$22.53	(R)
17	$54.22	(R)	$42.17	(R)	$30.13	(R)	$24.09	(R)
18	$57.73	(R)	$44.90	(R)	$32.08	(R)	$25.65	(R)
19	$61.24	(R)	$47.64	(R)	$34.03	(R)	$27.21	(R)
20	$64.76	(I)	$50.37	(I)	$35.98		$28.77	(I)
21	$68.27	(I)	$53.10	(I)	$37.94	(I)	$30.34	(I)
22	$71.79	(R)	$55.84	(R)	$39.89	(R)	$31.90	(R)
23	$75.30	(R)	$58.57	(R)	$41.84	(R)	$33.46	(R)
24	$78.81	(R)	$61.30	(R)	$43.79	(R)	$35.02	(R)
25	$82.33	(N)	$64.04	(N)	$45.75	(N)	$36.58	(N)
26	$85.84	(N)	$66.77	(N)	$47.70	(N)	$38.14	(N)
27	$89.36	(N)	$69.50	(N)	$49.65	(N)	$39.70	(N)
28	$92.87	(N)	$72.24	(N)	$51.60	(N)	$41.27	(N)
29	$96.38	(N)	$74.97	(N)	$53.56	(N)	$42.83	(N)
30	$99.90	(N)	$77.70	(N)	$55.51	(N)	$44.39	(N)
31	$103.41	(N)	$80.44	(N)	$57.46	(N)	$45.95	(N)
32	$106.93	(N)	$83.17	(N)	$59.41	(N)	$47.51	(N)
33	$110.44	(N)	$85.90	(N)	$61.37	(N)	$49.07	(N)
34	$113.95	(N)	$88.64	(N)	$63.32	(N)	$50.63	(N)
35	$117.47	(N)	$91.37	(N)	$65.27	(N)	$52.20	(N)
36	$120.98	(N)	$94.10	(N)	$67.22	(N)	$53.76	(N)
37	$124.50	(N)	$96.84	(N)	$69.18	(N)	$55.32	(N)
38	$128.01	(N)	$99.57	(N)	$71.13	(N)	$56.88	(N)
39	$135.69	(N)	$105.54	(N)	$75.40	(N)	$60.29	(N)
40	$143.37	(N)	$111.52	(N)	$79.67	(N)	$63.71	(N)
41	$151.05	(N)	$117.49	(N)	$83.93	(N)	$67.12	(N)
42	$158.73	(N)	$123.47	(N)	$88.20	(N)	$70.53	(N)
43	$166.41	(N)	$129.44	(N)	$92.47	(N)	$73.94	(N)
44	$174.09	(N)	$135.42	(N)	$96.74	(N)	$77.36	(N)
45	$181.77	(N)	$141.39	(N)	$101.00	(N)	$80.77	(N)
46	$189.45	(N)	$147.36	(N)	$105.27	(N)	$84.18	(N)
47	$197.14	(N)	$153.34	(N)	$109.54	(N)	$87.60	(N)
48	$204.82	(N)	$159.31	(N)	$113.81	(N)	$91.01	(N)
49	$212.50	(N)	$165.29	(N)	$118.08	(N)	$94.42	(N)
50	$220.18	(N)	$171.26	(N)	$122.34	(N)	$97.83	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(B) Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

(2) Virtual Paths (Cont'd)

(b) Capacity Charge, Per Megabit of Capacity, Per Path (Cont'd)

Traffic Routing Prioritization Parameter (Cont'd)

Monthly Rate

Path Size Over 150 Mbps

Rate Band	CBR		VBR-rt		VBR-nrt		UBR	
1	$1.66	(R)	$1.19	(R)	$0.95	(R)	$0.71	(R)
2	$3.32	(R)	$2.37	(R)	$1.90	(R)	$1.42	(R)
3	$4.98	(R)	$3.56	(R)	$2.84	(R)	$2.13	(R)
4	$6.64	(R)	$4.74	(R)	$3.79	(R)	$2.84	(R)
5	$9.37	(R)	$6.69	(R)	$5.35	(R)	$4.01	(R)
6	$12.10	(R)	$8.65	(R)	$6.91	(R)	$5.18	(R)
7	$14.84	(R)	$10.60	(R)	$8.48	(R)	$6.35	(R)
8	$17.57	(R)	$12.55	(R)	$10.04	(R)	$7.52	(R)
9	$20.30	(R)	$14.50	(R)	$11.60	(R)	$8.69	(R)
10	$23.04	(R)	$16.46	(R)	$13.16	(R)	$9.86	(R)
11	$25.77	(R)	$18.41	(R)	$14.72	(R)	$11.03	(R)
12	$28.50	(R)	$20.36	(R)	$16.28	(R)	$12.20	(R)
13	$31.24	(R)	$22.32	(R)	$17.84	(R)	$13.37	(R)
14	$33.97	(R)	$24.27	(R)	$19.41	(R)	$14.54	(R)
15	$36.70	(R)	$26.22	(R)	$20.97	(R)	$15.71	(R)
16	$39.44	(R)	$28.17	(R)	$22.53	(R)	$16.88	(R)
17	$42.17	(R)	$30.13	(R)	$24.09	(R)	$18.06	(R)
18	$44.90	(R)	$32.08	(R)	$25.65	(R)	$19.23	(R)
19	$47.64	(R)	$34.03	(R)	$27.21	(R)	$20.40	(R)
20	$50.37	(I)	$35.98		$28.77	(I)	$21.57	
21	$53.10	(I)	$37.94	(I)	$30.34	(I)	$22.74	(I)
22	$55.84	(R)	$39.89	(R)	$31.90	(R)	$23.91	(R)
23	$58.57	(R)	$41.84	(R)	$33.46	(R)	$25.08	(R)
24	$61.30	(R)	$43.79	(R)	$35.02	(R)	$26.25	(R)
25	$64.04	(N)	$45.75	(N)	$36.58	(N)	$27.42	(N)
26	$66.77	(N)	$47.70	(N)	$38.14	(N)	$28.59	(N)
27	$69.50	(N)	$49.65	(N)	$39.70	(N)	$29.76	(N)
28	$72.24	(N)	$51.60	(N)	$41.27	(N)	$30.93	(N)
29	$74.97	(N)	$53.56	(N)	$42.83	(N)	$32.10	(N)
30	$77.70	(N)	$55.51	(N)	$44.39	(N)	$33.27	(N)
31	$80.44	(N)	$57.46	(N)	$45.95	(N)	$34.44	(N)
32	$83.17	(N)	$59.41	(N)	$47.51	(N)	$35.61	(N)
33	$85.90	(N)	$61.37	(N)	$49.07	(N)	$36.78	(N)
34	$88.64	(N)	$63.32	(N)	$50.63	(N)	$37.95	(N)
35	$91.37	(N)	$65.27	(N)	$52.20	(N)	$39.12	(N)
36	$94.10	(N)	$67.22	(N)	$53.76	(N)	$40.29	(N)
37	$96.84	(N)	$69.18	(N)	$55.32	(N)	$41.46	(N)
38	$99.57	(N)	$71.13	(N)	$56.88	(N)	$42.63	(N)
39	$105.54	(N)	$75.40	(N)	$60.29	(N)	$45.19	(N)
40	$111.52	(N)	$79.67	(N)	$63.71	(N)	$47.75	(N)
41	$117.49	(N)	$83.93	(N)	$67.12	(N)	$50.30	(N)
42	$123.47	(N)	$88.20	(N)	$70.53	(N)	$52.86	(N)
43	$129.44	(N)	$92.47	(N)	$73.94	(N)	$55.42	(N)
44	$135.42	(N)	$96.74	(N)	$77.36	(N)	$57.98	(N)
45	$141.39	(N)	$101.00	(N)	$80.77	(N)	$60.53	(N)
46	$147.36	(N)	$105.27	(N)	$84.18	(N)	$63.09	(N)
47	$153.34	(N)	$109.54	(N)	$87.60	(N)	$65.65	(N)
48	$159.31	(N)	$113.81	(N)	$91.01	(N)	$68.21	(N)
49	$165.29	(N)	$118.08	(N)	$94.42	(N)	$70.77	(N)
50	$171.26	(N)	$122.34	(N)	$97.83	(N)	$73.32	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(B) Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

(3) Virtual Circuit Channels, Per Virtual Circuit Channel

Rate Band	Monthly Rate		Nonrecurring Charge	
1	$0.41	(R)	$64.00	
2	$0.81	(R)	$64.00	
3	$1.22	(R)	$64.00	
4	$1.62	(R)	$64.00	
5	$2.29	(R)	$64.00	
6	$2.96	(R)	$64.00	
7	$3.63	(R)	$64.00	
8	$4.30	(R)	$64.00	
9	$4.97	(R)	$64.00	
10	$5.64	(R)	$64.00	
11	$6.30	(R)	$64.00	
12	$6.97	(R)	$64.00	
13	$7.64	(R)	$64.00	
14	$8.31	(R)	$64.00	
15	$8.98	(R)	$64.00	
16	$9.65	(R)	$64.00	
17	$10.32	(R)	$64.00	
18	$10.99	(R)	$64.00	
19	$11.65	(R)	$64.00	
20	$12.32	(R)	$64.00	
21	$12.99	(R)	$64.00	
22	$13.66	(R)	$64.00	
23	$14.33	(R)	$64.00	
24	$15.00	(R)	$64.00	
25	$15.67	(N)	$64.00	(N)
26	$16.34	(N)	$64.00	(N)
27	$17.00	(N)	$64.00	(N)
28	$17.67	(N)	$64.00	(N)
29	$18.34	(N)	$64.00	(N)
30	$19.01	(N)	$64.00	(N)
31	$19.68	(N)	$64.00	(N)
32	$20.35	(N)	$64.00	(N)
33	$21.02	(N)	$64.00	(N)
34	$21.69	(N)	$64.00	(N)
35	$22.35	(N)	$64.00	(N)
36	$23.02	(N)	$64.00	(N)
37	$23.69	(N)	$64.00	(N)
38	$24.36	(N)	$64.00	(N)
39	$25.82	(N)	$64.00	(N)
40	$27.28	(N)	$64.00	(N)
41	$28.74	(N)	$64.00	(N)
42	$30.21	(N)	$64.00	(N)
43	$31.67	(N)	$64.00	(N)
44	$33.13	(N)	$64.00	(N)
45	$34.59	(N)	$64.00	(N)
46	$36.05	(N)	$64.00	(N)
47	$37.51	(N)	$64.00	(N)
48	$38.98	(N)	$64.00	(N)
49	$40.44	(N)	$64.00	(N)
50	$41.90	(N)	$64.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(B) Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

(4) Optional Features and Functions

(a) DSL Access Service Connection

(i) Per Basic UNI or NNI Port Equipped

Port Speed	Nonrecurring Charge
1.544 Mbps	$450.00
44.736 Mbps	$650.00
155.52 Mbps	$1,200.00
622.08 Mbps	$1,608.00

(ii) Per Ethernet-based UNI or NNI Port Equipped

Port Speed	Nonrecurring Charge
10 Mbps	$450.00
100 Mbps	$650.00
1 Gbps	$1,608.00

Certain material formerly found on this page now appears on Original Page 17-41.4.1.

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(B) Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

(4) Optional Features and Functions (Cont'd)

(a) DSL Access Service Connection (Cont'd)

(iii) Per 1 Mbps DSL VCC

Rate Band	Monthly Rate		Nonrecurring Charge	
1	$2.43	(R)	$64.00	
2	$4.86	(R)	$64.00	
3	$7.30	(R)	$64.00	
4	$9.73	(R)	$64.00	
5	$13.73	(R)	$64.00	
6	$17.74	(R)	$64.00	
7	$21.74	(R)	$64.00	
8	$25.75	(R)	$64.00	
9	$29.76	(R)	$64.00	
10	$33.76	(R)	$64.00	
11	$37.77	(R)	$64.00	
12	$41.77	(R)	$64.00	
13	$45.78	(R)	$64.00	
14	$49.78	(R)	$64.00	
15	$53.79	(R)	$64.00	
16	$57.80	(R)	$64.00	
17	$61.80	(R)	$64.00	
18	$65.81	(R)	$64.00	
19	$69.81	(R)	$64.00	
20	$73.82	(R)	$64.00	
21	$77.82	(R)	$64.00	
22	$81.83	(R)	$64.00	
23	$85.84	(R)	$64.00	
24	$89.84	(R)	$64.00	
25	$93.85	(N)	$64.00	(N)
26	$97.85	(N)	$64.00	(N)
27	$101.86	(N)	$64.00	(N)
28	$105.86	(N)	$64.00	(N)
29	$109.87	(N)	$64.00	(N)
30	$113.87	(N)	$64.00	(N)
31	$117.88	(N)	$64.00	(N)
32	$121.89	(N)	$64.00	(N)
33	$125.89	(N)	$64.00	(N)
34	$129.90	(N)	$64.00	(N)
35	$133.90	(N)	$64.00	(N)
36	$137.91	(N)	$64.00	(N)
37	$141.91	(N)	$64.00	(N)
38	$145.92	(N)	$64.00	(N)
39	$154.68	(N)	$64.00	(N)
40	$163.43	(N)	$64.00	(N)
41	$172.19	(N)	$64.00	(N)
42	$180.94	(N)	$64.00	(N)
43	$189.70	(N)	$64.00	(N)
44	$198.45	(N)	$64.00	(N)
45	$207.21	(N)	$64.00	(N)
46	$215.96	(N)	$64.00	(N)
47	$224.72	(N)	$64.00	(N)
48	$233.47	(N)	$64.00	(N)
49	$242.23	(N)	$64.00	(N)
50	$250.98	(N)	$64.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(B) Asynchronous Transfer Mode Cell Relay Service (Cont'd)

(4) Optional Features and Functions (Cont'd)

(a) DSL Access Service Connection (Cont'd)

(iv) Per MM-VCC

Rate Band	Monthly Rate Per 1 Mbps Increment		Monthly Rate Per 4 Mbps Increment		Nonrecurring Charge Per MM-VCC	
1	$0.16	(R)	$0.31	(R)	$7.00	
2	$0.32	(R)	$0.62	(R)	$7.00	
3	$0.48	(R)	$0.93	(R)	$7.00	
4	$0.64	(R)	$1.24	(R)	$7.00	
5	$0.90	(R)	$1.75	(R)	$7.00	
6	$1.17	(R)	$2.26	(R)	$7.00	
7	$1.43	(R)	$2.77	(R)	$7.00	
8	$1.69	(R)	$3.28	(R)	$7.00	
9	$1.96	(R)	$3.79	(R)	$7.00	
10	$2.22	(R)	$4.30	(R)	$7.00	
11	$2.48	(R)	$4.81	(R)	$7.00	
12	$2.75	(R)	$5.32	(R)	$7.00	
13	$3.01	(R)	$5.83	(R)	$7.00	
14	$3.28	(R)	$6.34	(R)	$7.00	
15	$3.54	(R)	$6.85	(R)	$7.00	
16	$3.80	(R)	$7.36	(R)	$7.00	
17	$4.07	(R)	$7.86	(R)	$7.00	
18	$4.33	(R)	$8.37	(R)	$7.00	
19	$4.59	(R)	$8.88	(R)	$7.00	
20	$4.86	(R)	$9.39	(R)	$7.00	
21	$5.12	(R)	$9.90	(R)	$7.00	
22	$5.38	(R)	$10.41	(R)	$7.00	
23	$5.65	(R)	$10.92	(R)	$7.00	
24	$5.91	(R)	$11.43	(R)	$7.00	
25	$6.17	(N)	$11.94	(N)	$7.00	(N)
26	$6.44	(N)	$12.45	(N)	$7.00	(N)
27	$6.70	(N)	$12.96	(N)	$7.00	(N)
28	$6.96	(N)	$13.47	(N)	$7.00	(N)
29	$7.23	(N)	$13.98	(N)	$7.00	(N)
30	$7.49	(N)	$14.49	(N)	$7.00	(N)
31	$7.76	(N)	$15.00	(N)	$7.00	(N)
32	$8.02	(N)	$15.51	(N)	$7.00	(N)
33	$8.28	(N)	$16.02	(N)	$7.00	(N)
34	$8.55	(N)	$16.53	(N)	$7.00	(N)
35	$8.81	(N)	$17.04	(N)	$7.00	(N)
36	$9.07	(N)	$17.55	(N)	$7.00	(N)
37	$9.34	(N)	$18.06	(N)	$7.00	(N)
38	$9.60	(N)	$18.57	(N)	$7.00	(N)
39	$10.18	(N)	$19.68	(N)	$7.00	(N)
40	$10.75	(N)	$20.80	(N)	$7.00	(N)
41	$11.33	(N)	$21.91	(N)	$7.00	(N)
42	$11.90	(N)	$23.03	(N)	$7.00	(N)
43	$12.48	(N)	$24.14	(N)	$7.00	(N)
44	$13.06	(N)	$25.26	(N)	$7.00	(N)
45	$13.63	(N)	$26.37	(N)	$7.00	(N)
46	$14.21	(N)	$27.48	(N)	$7.00	(N)
47	$14.78	(N)	$28.60	(N)	$7.00	(N)
48	$15.36	(N)	$29.71	(N)	$7.00	(N)
49	$15.94	(N)	$30.83	(N)	$7.00	(N)
50	$16.51	(N)	$31.94	(N)	$7.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(B) Asynchronous Transfer Mode Cell Relay Service (Cont'd)

(4) Optional Features and Functions (Cont'd)

(a) DSL Access Service Connection (Cont'd) (N)

	Nonrecurring Charge	(M)
(v) Per MM–VCC Design Change	$6.00	

(5) ATM-CRS Term Discount Plan

Term Commitment	Percentage	
36 months	10%	
60 months	20%	(M)

Certain material currently found on this page previously appeared on 15th Revised Page 17-41.5.

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments. (N) (N)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

(C) Ethernet Transport Service

Regulations concerning Ethernet Transport Service (ETS) are set forth in Section 16.3, preceding. Except as provided for in Section 16.3.5(F), preceding, the following monthly rates and nonrecurring charges apply for ETS.

(1) ETS Channel Terminations

(a) Per termination when customer designated premises located within 300 feet of ETS SWC

Rate Band	Monthly Rate								Nonrecurring Charge - All	
	2 Mbps		5 Mbps		10 Mbps		20 Mbps			
1	$4.66	(R)	$5.72	(R)	$6.61	(R)	$7.26	(R)	$295.00	
2	$9.33	(R)	$11.45	(R)	$13.22	(R)	$14.51	(R)	$295.00	
3	$13.99	(R)	$17.17	(R)	$19.83	(R)	$21.77	(R)	$295.00	
4	$18.66	(R)	$22.90	(R)	$26.44	(R)	$29.03	(R)	$295.00	
5	$26.34	(R)	$32.32	(R)	$37.33	(R)	$40.98	(R)	$295.00	
6	$34.02	(R)	$41.75	(R)	$48.22	(R)	$52.93	(R)	$295.00	
7	$41.71	(R)	$51.18	(R)	$59.11	(R)	$64.89	(R)	$295.00	
8	$49.39	(R)	$60.61	(R)	$70.00	(R)	$76.84	(R)	$295.00	
9	$57.07	(R)	$70.03	(R)	$80.89	(R)	$88.79	(R)	$295.00	
10	$64.75	(R)	$79.46	(R)	$91.78	(R)	$100.74	(R)	$295.00	
11	$72.44	(R)	$88.89	(R)	$102.66	(R)	$112.70	(R)	$295.00	
12	$80.12	(R)	$98.32	(R)	$113.55	(R)	$124.65	(R)	$295.00	
13	$87.80	(R)	$107.75	(R)	$124.44	(R)	$136.60	(R)	$295.00	
14	$95.49	(R)	$117.17	(R)	$135.33	(R)	$148.56	(R)	$295.00	
15	$103.17	(R)	$126.60	(R)	$146.22	(R)	$160.51	(R)	$295.00	
16	$110.85	(R)	$136.03	(R)	$157.11	(R)	$172.46	(R)	$295.00	
17	$118.53	(R)	$145.46	(R)	$168.00	(R)	$184.41	(R)	$295.00	
18	$126.22	(R)	$154.88	(R)	$178.89	(R)	$196.37	(R)	$295.00	
19	$133.90	(R)	$164.31	(R)	$189.77	(R)	$208.32	(R)	$295.00	
20	$141.58	(R)	$173.74	(R)	$200.66	(R)	$220.27	(R)	$295.00	
21	$149.26	(R)	$183.17	(R)	$211.55	(R)	$232.22	(R)	$295.00	
22	$156.95	(R)	$192.60	(R)	$222.44	(R)	$244.18	(R)	$295.00	
23	$164.63	(R)	$202.02	(R)	$233.33	(R)	$256.13	(R)	$295.00	
24	$172.31	(R)	$211.45	(R)	$244.22	(R)	$268.08	(R)	$295.00	
25	$179.99	(N)	$220.88	(N)	$255.11	(N)	$280.03	(N)	$295.00	(N)
26	$187.68	(N)	$230.31	(N)	$266.00	(N)	$291.99	(N)	$295.00	(N)
27	$195.36	(N)	$239.73	(N)	$276.88	(N)	$303.94	(N)	$295.00	(N)
28	$203.04	(N)	$249.16	(N)	$287.77	(N)	$315.89	(N)	$295.00	(N)
29	$210.73	(N)	$258.59	(N)	$298.66	(N)	$327.85	(N)	$295.00	(N)
30	$218.41	(N)	$268.02	(N)	$309.55	(N)	$339.80	(N)	$295.00	(N)
31	$226.09	(N)	$277.45	(N)	$320.44	(N)	$351.75	(N)	$295.00	(N)
32	$233.77	(N)	$286.87	(N)	$331.33	(N)	$363.70	(N)	$295.00	(N)
33	$241.46	(N)	$296.30	(N)	$342.22	(N)	$375.66	(N)	$295.00	(N)
34	$249.14	(N)	$305.73	(N)	$353.11	(N)	$387.61	(N)	$295.00	(N)
35	$256.82	(N)	$315.16	(N)	$363.99	(N)	$399.56	(N)	$295.00	(N)
36	$264.50	(N)	$324.58	(N)	$374.88	(N)	$411.51	(N)	$295.00	(N)
37	$272.19	(N)	$334.01	(N)	$385.77	(N)	$423.47	(N)	$295.00	(N)
38	$279.87	(N)	$343.44	(N)	$396.66	(N)	$435.42	(N)	$295.00	(N)
39	$296.66	(N)	$364.05	(N)	$420.46	(N)	$461.55	(N)	$295.00	(N)
40	$313.45	(N)	$384.65	(N)	$444.26	(N)	$487.67	(N)	$295.00	(N)
41	$330.25	(N)	$405.26	(N)	$468.06	(N)	$513.80	(N)	$295.00	(N)
42	$347.04	(N)	$425.87	(N)	$491.86	(N)	$539.92	(N)	$295.00	(N)
43	$363.83	(N)	$446.47	(N)	$515.66	(N)	$566.05	(N)	$295.00	(N)
44	$380.62	(N)	$467.08	(N)	$539.46	(N)	$592.17	(N)	$295.00	(N)
45	$397.42	(N)	$487.68	(N)	$563.26	(N)	$618.30	(N)	$295.00	(N)
46	$414.21	(N)	$508.29	(N)	$587.06	(N)	$644.42	(N)	$295.00	(N)
47	$431.00	(N)	$528.90	(N)	$610.86	(N)	$670.55	(N)	$295.00	(N)
48	$447.79	(N)	$549.50	(N)	$634.66	(N)	$696.67	(N)	$295.00	(N)
49	$464.58	(N)	$570.11	(N)	$658.46	(N)	$722.80	(N)	$295.00	(N)
50	$481.38	(N)	$590.72	(N)	$682.26	(N)	$748.92	(N)	$295.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(1) ETS Channel Terminations (Cont'd)

(a) Per termination when customer designated premises located within 300 feet of ETS SWC (Cont'd)

Rate Band	Monthly Rate 50 Mbps		100 Mbps		250 Mbps		Nonrecurring Charge - All	
1	$8.39	(R)	$9.32	(R)	$13.28	(R)	$295.00	
2	$16.78	(R)	$18.65	(R)	$26.55	(R)	$295.00	
3	$25.17	(R)	$27.97	(R)	$39.83	(R)	$295.00	
4	$33.56	(R)	$37.29	(R)	$53.11	(R)	$295.00	
5	$47.38	(R)	$52.65	(R)	$74.98	(R)	$295.00	
6	$61.20	(R)	$68.00	(R)	$96.84	(R)	$295.00	
7	$75.02	(R)	$83.36	(R)	$118.71	(R)	$295.00	
8	$88.84	(R)	$98.71	(R)	$140.58	(R)	$295.00	
9	$102.66	(R)	$114.07	(R)	$162.45	(R)	$295.00	
10	$116.48	(R)	$129.43	(R)	$184.32	(R)	$295.00	
11	$130.30	(R)	$144.78	(R)	$206.18	(R)	$295.00	
12	$144.12	(R)	$160.14	(R)	$228.05	(R)	$295.00	
13	$157.94	(R)	$175.49	(R)	$249.92	(R)	$295.00	
14	$171.76	(R)	$190.85	(R)	$271.79	(R)	$295.00	
15	$185.58	(R)	$206.20	(R)	$293.66	(R)	$295.00	
16	$199.40	(R)	$221.56	(R)	$315.52	(R)	$295.00	
17	$213.22	(R)	$236.91	(R)	$337.39	(R)	$295.00	
18	$227.04	(R)	$252.27	(R)	$359.26	(R)	$295.00	
19	$240.86	(R)	$267.62	(R)	$381.13	(R)	$295.00	
20	$254.68	(R)	$282.98	(R)	$403.00	(R)	$295.00	
21	$268.50	(R)	$298.34	(R)	$424.86	(R)	$295.00	
22	$282.32	(R)	$313.69	(R)	$446.73	(R)	$295.00	
23	$296.14	(R)	$329.05	(R)	$468.60	(R)	$295.00	
24	$309.95	(R)	$344.40	(R)	$490.47	(R)	$295.00	
25	$323.77	(N)	$359.76	(N)	$512.34	(N)	$295.00	(N)
26	$337.59	(N)	$375.11	(N)	$534.20	(N)	$295.00	(N)
27	$351.41	(N)	$390.47	(N)	$556.07	(N)	$295.00	(N)
28	$365.23	(N)	$405.82	(N)	$577.94	(N)	$295.00	(N)
29	$379.05	(N)	$421.18	(N)	$599.81	(N)	$295.00	(N)
30	$392.87	(N)	$436.54	(N)	$621.68	(N)	$295.00	(N)
31	$406.69	(N)	$451.89	(N)	$643.54	(N)	$295.00	(N)
32	$420.51	(N)	$467.25	(N)	$665.41	(N)	$295.00	(N)
33	$434.33	(N)	$482.60	(N)	$687.28	(N)	$295.00	(N)
34	$448.15	(N)	$497.96	(N)	$709.15	(N)	$295.00	(N)
35	$461.97	(N)	$513.31	(N)	$731.02	(N)	$295.00	(N)
36	$475.79	(N)	$528.67	(N)	$752.88	(N)	$295.00	(N)
37	$489.61	(N)	$544.02	(N)	$774.75	(N)	$295.00	(N)
38	$503.43	(N)	$559.38	(N)	$796.62	(N)	$295.00	(N)
39	$533.64	(N)	$592.94	(N)	$844.42	(N)	$295.00	(N)
40	$563.84	(N)	$626.51	(N)	$892.21	(N)	$295.00	(N)
41	$594.05	(N)	$660.07	(N)	$940.01	(N)	$295.00	(N)
42	$624.25	(N)	$693.63	(N)	$987.81	(N)	$295.00	(N)
43	$654.46	(N)	$727.19	(N)	$1,035.61	(N)	$295.00	(N)
44	$684.66	(N)	$760.76	(N)	$1,083.40	(N)	$295.00	(N)
45	$714.87	(N)	$794.32	(N)	$1,131.20	(N)	$295.00	(N)
46	$745.08	(N)	$827.88	(N)	$1,179.00	(N)	$295.00	(N)
47	$775.28	(N)	$861.45	(N)	$1,226.79	(N)	$295.00	(N)
48	$805.49	(N)	$895.01	(N)	$1,274.59	(N)	$295.00	(N)
49	$835.69	(N)	$928.57	(N)	$1,322.39	(N)	$295.00	(N)
50	$865.90	(N)	$962.13	(N)	$1,370.19	(N)	$295.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(1) ETS Channel Terminations (Cont'd)

(a) Per termination when customer designated premises located within 300 feet of ETS SWC (Cont'd)

Rate Band	Monthly Rate 500 Mbps		750 Mbps		1 Gbps		Nonrecurring Charge - All	
1	$17.40	(R)	$20.22	(R)	$23.15	(R)	$442.00	
2	$34.81	(R)	$40.44	(R)	$46.30	(R)	$442.00	
3	$52.21	(R)	$60.67	(R)	$69.45	(R)	$442.00	
4	$69.61	(R)	$80.89	(R)	$92.60	(R)	$442.00	
5	$98.27	(R)	$114.19	(R)	$130.73	(R)	$442.00	
6	$126.94	(R)	$147.50	(R)	$168.86	(R)	$442.00	
7	$155.60	(R)	$180.81	(R)	$206.99	(R)	$442.00	
8	$184.26	(R)	$214.12	(R)	$245.12	(R)	$442.00	
9	$212.92	(R)	$247.42	(R)	$283.25	(R)	$442.00	
10	$241.59	(R)	$280.73	(R)	$321.38	(R)	$442.00	
11	$270.25	(R)	$314.04	(R)	$359.51	(R)	$442.00	
12	$298.91	(R)	$347.34	(R)	$397.64	(R)	$442.00	
13	$327.58	(R)	$380.65	(R)	$435.77	(R)	$442.00	
14	$356.24	(R)	$413.96	(R)	$473.90	(R)	$442.00	
15	$384.90	(R)	$447.26	(R)	$512.03	(R)	$442.00	
16	$413.57	(R)	$480.57	(R)	$550.16	(R)	$442.00	
17	$442.23	(R)	$513.88	(R)	$588.30	(R)	$442.00	
18	$470.89	(R)	$547.18	(R)	$626.43	(R)	$442.00	
19	$499.55	(R)	$580.49	(R)	$664.56	(R)	$442.00	
20	$528.22	(R)	$613.80	(R)	$702.69	(R)	$442.00	
21	$556.88	(R)	$647.10	(R)	$740.82	(R)	$442.00	
22	$585.54	(R)	$680.41	(R)	$778.95	(R)	$442.00	
23	$614.21	(R)	$713.72	(R)	$817.08	(R)	$442.00	
24	$642.87	(R)	$747.02	(R)	$855.21	(R)	$442.00	
25	$671.53	(N)	$780.33	(N)	$893.34	(N)	$442.00	(N)
26	$700.19	(N)	$813.64	(N)	$931.47	(N)	$442.00	(N)
27	$728.86	(N)	$846.94	(N)	$969.60	(N)	$442.00	(N)
28	$757.52	(N)	$880.25	(N)	$1,007.73	(N)	$442.00	(N)
29	$786.18	(N)	$913.56	(N)	$1,045.86	(N)	$442.00	(N)
30	$814.85	(N)	$946.87	(N)	$1,083.99	(N)	$442.00	(N)
31	$843.51	(N)	$980.17	(N)	$1,122.12	(N)	$442.00	(N)
32	$872.17	(N)	$1,013.48	(N)	$1,160.25	(N)	$442.00	(N)
33	$900.84	(N)	$1,046.79	(N)	$1,198.38	(N)	$442.00	(N)
34	$929.50	(N)	$1,080.09	(N)	$1,236.51	(N)	$442.00	(N)
35	$958.16	(N)	$1,113.40	(N)	$1,274.64	(N)	$442.00	(N)
36	$986.82	(N)	$1,146.71	(N)	$1,312.77	(N)	$442.00	(N)
37	$1,015.49	(N)	$1,180.01	(N)	$1,350.90	(N)	$442.00	(N)
38	$1,044.15	(N)	$1,213.32	(N)	$1,389.03	(N)	$442.00	(N)
39	$1,106.80	(N)	$1,286.12	(N)	$1,472.37	(N)	$442.00	(N)
40	$1,169.45	(N)	$1,358.92	(N)	$1,555.71	(N)	$442.00	(N)
41	$1,232.10	(N)	$1,431.72	(N)	$1,639.06	(N)	$442.00	(N)
42	$1,294.75	(N)	$1,504.52	(N)	$1,722.40	(N)	$442.00	(N)
43	$1,357.40	(N)	$1,577.32	(N)	$1,805.74	(N)	$442.00	(N)
44	$1,420.04	(N)	$1,650.12	(N)	$1,889.08	(N)	$442.00	(N)
45	$1,482.69	(N)	$1,722.91	(N)	$1,972.42	(N)	$442.00	(N)
46	$1,545.34	(N)	$1,795.71	(N)	$2,055.76	(N)	$442.00	(N)
47	$1,607.99	(N)	$1,868.51	(N)	$2,139.11	(N)	$442.00	(N)
48	$1,670.64	(N)	$1,941.31	(N)	$2,222.45	(N)	$442.00	(N)
49	$1,733.29	(N)	$2,014.11	(N)	$2,305.79	(N)	$442.00	(N)
50	$1,795.94	(N)	$2,086.91	(N)	$2,389.13	(N)	$442.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(1) ETS Channel Terminations (Cont'd)

(a) Per termination when customer designated premises located within 300 feet of ETS SWC (Cont'd)

Rate Band	Monthly Rate 2.5 Gbps		5 Gbps		10 Gbps		Nonrecurring Charge - All	
1	$44.75	(R)	$67.94	(R)	$92.77	(R)	$442.00	
2	$89.49	(R)	$135.88	(R)	$185.54	(R)	$442.00	
3	$134.24	(R)	$203.81	(R)	$278.30	(R)	$442.00	
4	$178.99	(R)	$271.75	(R)	$371.07	(R)	$442.00	
5	$252.69	(R)	$383.65	(R)	$523.86	(R)	$442.00	
6	$326.39	(R)	$495.55	(R)	$676.66	(R)	$442.00	
7	$400.09	(R)	$607.45	(R)	$829.45	(R)	$442.00	
8	$473.79	(R)	$719.34	(R)	$982.24	(R)	$442.00	
9	$547.49	(R)	$831.24	(R)	$1,135.04	(R)	$442.00	
10	$621.19	(R)	$943.14	(R)	$1,287.83	(R)	$442.00	
11	$694.89	(R)	$1,055.04	(R)	$1,440.62	(R)	$442.00	
12	$768.59	(R)	$1,166.94	(R)	$1,593.42	(R)	$442.00	
13	$842.29	(R)	$1,278.83	(R)	$1,746.21	(R)	$442.00	
14	$915.99	(R)	$1,390.73	(R)	$1,899.01	(R)	$442.00	
15	$989.69	(R)	$1,502.63	(R)	$2,051.80	(R)	$442.00	
16	$1,063.39	(R)	$1,614.53	(R)	$2,204.59	(R)	$442.00	
17	$1,137.09	(R)	$1,726.42	(R)	$2,357.39	(R)	$442.00	
18	$1,210.79	(R)	$1,838.32	(R)	$2,510.18	(R)	$442.00	
19	$1,284.49	(R)	$1,950.22	(R)	$2,662.97	(R)	$442.00	
20	$1,358.19	(R)	$2,062.12	(R)	$2,815.77	(R)	$442.00	
21	$1,431.89	(R)	$2,174.02	(R)	$2,968.56	(R)	$442.00	
22	$1,505.59	(R)	$2,285.91	(R)	$3,121.35	(R)	$442.00	
23	$1,579.29	(R)	$2,397.81	(R)	$3,274.15	(R)	$442.00	
24	$1,652.99	(R)	$2,509.71	(R)	$3,426.94	(R)	$442.00	
25	$1,726.69	(N)	$2,621.61	(N)	$3,579.73	(N)	$442.00	(N)
26	$1,800.39	(N)	$2,733.51	(N)	$3,732.53	(N)	$442.00	(N)
27	$1,874.09	(N)	$2,845.40	(N)	$3,885.32	(N)	$442.00	(N)
28	$1,947.79	(N)	$2,957.30	(N)	$4,038.11	(N)	$442.00	(N)
29	$2,021.49	(N)	$3,069.20	(N)	$4,190.91	(N)	$442.00	(N)
30	$2,095.19	(N)	$3,181.10	(N)	$4,343.70	(N)	$442.00	(N)
31	$2,168.89	(N)	$3,292.99	(N)	$4,496.50	(N)	$442.00	(N)
32	$2,242.59	(N)	$3,404.89	(N)	$4,649.29	(N)	$442.00	(N)
33	$2,316.29	(N)	$3,516.79	(N)	$4,802.08	(N)	$442.00	(N)
34	$2,389.99	(N)	$3,628.69	(N)	$4,954.88	(N)	$442.00	(N)
35	$2,463.69	(N)	$3,740.59	(N)	$5,107.67	(N)	$442.00	(N)
36	$2,537.39	(N)	$3,852.48	(N)	$5,260.46	(N)	$442.00	(N)
37	$2,611.09	(N)	$3,964.38	(N)	$5,413.26	(N)	$442.00	(N)
38	$2,684.79	(N)	$4,076.28	(N)	$5,566.05	(N)	$442.00	(N)
39	$2,845.88	(N)	$4,320.86	(N)	$5,900.01	(N)	$442.00	(N)
40	$3,006.96	(N)	$4,565.43	(N)	$6,233.98	(N)	$442.00	(N)
41	$3,168.05	(N)	$4,810.01	(N)	$6,567.94	(N)	$442.00	(N)
42	$3,329.14	(N)	$5,054.59	(N)	$6,901.90	(N)	$442.00	(N)
43	$3,490.23	(N)	$5,299.16	(N)	$7,235.87	(N)	$442.00	(N)
44	$3,651.31	(N)	$5,543.74	(N)	$7,569.83	(N)	$442.00	(N)
45	$3,812.40	(N)	$5,788.32	(N)	$7,903.79	(N)	$442.00	(N)
46	$3,973.49	(N)	$6,032.89	(N)	$8,237.75	(N)	$442.00	(N)
47	$4,134.58	(N)	$6,277.47	(N)	$8,571.72	(N)	$442.00	(N)
48	$4,295.66	(N)	$6,522.05	(N)	$8,905.68	(N)	$442.00	(N)
49	$4,456.75	(N)	$6,766.62	(N)	$9,239.64	(N)	$442.00	(N)
50	$4,617.84	(N)	$7,011.20	(N)	$9,573.61	(N)	$442.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(1) ETS Channel Terminations (Cont'd)

(b) Per termination when customer designated premises located more than 300 feet from ETS SWC

Rate Band	Monthly Rate 2 Mbps		5 Mbps		10 Mbps		20 Mbps		Nonrecurring Charge - All	
1	$17.63	(R)	$17.82	(R)	$18.08	(R)	$20.45	(R)	$295.00	
2	$35.26	(R)	$35.65	(R)	$36.15	(R)	$40.90	(R)	$295.00	
3	$52.89	(R)	$53.47	(R)	$54.23	(R)	$61.35	(R)	$295.00	
4	$70.52	(R)	$71.29	(R)	$72.31	(R)	$81.80	(R)	$295.00	
5	$99.55	(R)	$100.65	(R)	$102.08	(R)	$115.48	(R)	$295.00	
6	$128.59	(R)	$130.00	(R)	$131.85	(R)	$149.16	(R)	$295.00	
7	$157.62	(R)	$159.36	(R)	$161.63	(R)	$182.84	(R)	$295.00	
8	$186.66	(R)	$188.71	(R)	$191.40	(R)	$216.52	(R)	$295.00	
9	$215.70	(R)	$218.07	(R)	$221.17	(R)	$250.21	(R)	$295.00	
10	$244.73	(R)	$247.43	(R)	$250.94	(R)	$283.89	(R)	$295.00	
11	$273.77	(R)	$276.78	(R)	$280.72	(R)	$317.57	(R)	$295.00	
12	$302.80	(R)	$306.14	(R)	$310.49	(R)	$351.25	(R)	$295.00	
13	$331.84	(R)	$335.49	(R)	$340.26	(R)	$384.93	(R)	$295.00	
14	$360.88	(R)	$364.85	(R)	$370.04	(R)	$418.61	(R)	$295.00	
15	$389.91	(R)	$394.20	(R)	$399.81	(R)	$452.29	(R)	$295.00	
16	$418.95	(R)	$423.56	(R)	$429.58	(R)	$485.98	(R)	$295.00	
17	$447.98	(R)	$452.91	(R)	$459.36	(R)	$519.66	(R)	$295.00	
18	$477.02	(R)	$482.27	(R)	$489.13	(R)	$553.34	(R)	$295.00	
19	$506.06	(R)	$511.62	(R)	$518.90	(R)	$587.02	(R)	$295.00	
20	$535.09	(R)	$540.98	(R)	$548.67	(R)	$620.70	(R)	$295.00	
21	$564.13	(R)	$570.34	(R)	$578.45	(R)	$654.38	(R)	$295.00	
22	$593.16	(R)	$599.69	(R)	$608.22	(R)	$688.07	(R)	$295.00	
23	$622.20	(R)	$629.05	(R)	$637.99	(R)	$721.75	(R)	$295.00	
24	$651.24	(R)	$658.40	(R)	$667.77	(R)	$755.43	(R)	$295.00	
25	$680.27	(N)	$687.76	(N)	$697.54	(N)	$789.11	(N)	$295.00	(N)
26	$709.31	(N)	$717.11	(N)	$727.31	(N)	$822.79	(N)	$295.00	(N)
27	$738.34	(N)	$746.47	(N)	$757.09	(N)	$856.47	(N)	$295.00	(N)
28	$767.38	(N)	$775.82	(N)	$786.86	(N)	$890.15	(N)	$295.00	(N)
29	$796.42	(N)	$805.18	(N)	$816.63	(N)	$923.84	(N)	$295.00	(N)
30	$825.45	(N)	$834.54	(N)	$846.41	(N)	$957.52	(N)	$295.00	(N)
31	$854.49	(N)	$863.89	(N)	$876.18	(N)	$991.20	(N)	$295.00	(N)
32	$883.52	(N)	$893.25	(N)	$905.95	(N)	$1,024.88	(N)	$295.00	(N)
33	$912.56	(N)	$922.60	(N)	$935.72	(N)	$1,058.56	(N)	$295.00	(N)
34	$941.60	(N)	$951.96	(N)	$965.50	(N)	$1,092.24	(N)	$295.00	(N)
35	$970.63	(N)	$981.31	(N)	$995.27	(N)	$1,125.93	(N)	$295.00	(N)
36	$999.67	(N)	$1,010.67	(N)	$1,025.04	(N)	$1,159.61	(N)	$295.00	(N)
37	$1,028.70	(N)	$1,040.02	(N)	$1,054.82	(N)	$1,193.29	(N)	$295.00	(N)
38	$1,057.74	(N)	$1,069.38	(N)	$1,084.59	(N)	$1,226.97	(N)	$295.00	(N)
39	$1,121.20	(N)	$1,133.54	(N)	$1,149.67	(N)	$1,300.59	(N)	$295.00	(N)
40	$1,184.67	(N)	$1,197.71	(N)	$1,214.74	(N)	$1,374.21	(N)	$295.00	(N)
41	$1,248.13	(N)	$1,261.87	(N)	$1,279.82	(N)	$1,447.82	(N)	$295.00	(N)
42	$1,311.60	(N)	$1,326.03	(N)	$1,344.89	(N)	$1,521.44	(N)	$295.00	(N)
43	$1,375.06	(N)	$1,390.19	(N)	$1,409.97	(N)	$1,595.06	(N)	$295.00	(N)
44	$1,438.53	(N)	$1,454.36	(N)	$1,475.04	(N)	$1,668.68	(N)	$295.00	(N)
45	$1,501.99	(N)	$1,518.52	(N)	$1,540.12	(N)	$1,742.30	(N)	$295.00	(N)
46	$1,565.46	(N)	$1,582.68	(N)	$1,605.19	(N)	$1,815.92	(N)	$295.00	(N)
47	$1,628.92	(N)	$1,646.85	(N)	$1,670.27	(N)	$1,889.53	(N)	$295.00	(N)
48	$1,692.38	(N)	$1,711.01	(N)	$1,735.34	(N)	$1,963.15	(N)	$295.00	(N)
49	$1,755.85	(N)	$1,775.17	(N)	$1,800.42	(N)	$2,036.77	(N)	$295.00	(N)
50	$1,819.31	(N)	$1,839.33	(N)	$1,865.49	(N)	$2,110.39	(N)	$295.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

Director - Access Tariffs
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17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(1) ETS Channel Terminations (Cont'd)

(b) Per termination when customer designated premises located more than 300 feet from ETS SWC (Cont'd)

Rate Band	Monthly Rate 50 Mbps		100 Mbps		250 Mbps		Nonrecurring Charge - All	
1	$23.12	(R)	$24.19	(R)	$25.26	(R)	$295.00	
2	$46.23	(R)	$48.38	(R)	$50.52	(R)	$295.00	
3	$69.35	(R)	$72.57	(R)	$75.79	(R)	$295.00	
4	$92.47	(R)	$96.76	(R)	$101.05	(R)	$295.00	
5	$130.54	(R)	$136.60	(R)	$142.66	(R)	$295.00	
6	$168.62	(R)	$176.44	(R)	$184.27	(R)	$295.00	
7	$206.69	(R)	$216.28	(R)	$225.88	(R)	$295.00	
8	$244.77	(R)	$256.12	(R)	$267.49	(R)	$295.00	
9	$282.84	(R)	$295.97	(R)	$309.09	(R)	$295.00	
10	$320.92	(R)	$335.81	(R)	$350.70	(R)	$295.00	
11	$358.99	(R)	$375.65	(R)	$392.31	(R)	$295.00	
12	$397.07	(R)	$415.49	(R)	$433.92	(R)	$295.00	
13	$435.14	(R)	$455.33	(R)	$475.53	(R)	$295.00	
14	$473.22	(R)	$495.17	(R)	$517.14	(R)	$295.00	
15	$511.29	(R)	$535.01	(R)	$558.75	(R)	$295.00	
16	$549.37	(R)	$574.86	(R)	$600.36	(R)	$295.00	
17	$587.44	(R)	$614.70	(R)	$641.96	(R)	$295.00	
18	$625.52	(R)	$654.54	(R)	$683.57	(R)	$295.00	
19	$663.59	(R)	$694.38	(R)	$725.18	(R)	$295.00	
20	$701.67	(R)	$734.22	(R)	$766.79	(R)	$295.00	
21	$739.74	(R)	$774.06	(R)	$808.40	(R)	$295.00	
22	$777.82	(R)	$813.91	(R)	$850.01	(R)	$295.00	
23	$815.89	(R)	$853.75	(R)	$891.62	(R)	$295.00	
24	$853.97	(R)	$893.59	(R)	$933.23	(R)	$295.00	
25	$892.04	(N)	$933.43	(N)	$974.84	(N)	$295.00	(N)
26	$930.12	(N)	$973.27	(N)	$1,016.44	(N)	$295.00	(N)
27	$968.19	(N)	$1,013.11	(N)	$1,058.05	(N)	$295.00	(N)
28	$1,006.27	(N)	$1,052.95	(N)	$1,099.66	(N)	$295.00	(N)
29	$1,044.34	(N)	$1,092.80	(N)	$1,141.27	(N)	$295.00	(N)
30	$1,082.42	(N)	$1,132.64	(N)	$1,182.88	(N)	$295.00	(N)
31	$1,120.49	(N)	$1,172.48	(N)	$1,224.49	(N)	$295.00	(N)
32	$1,158.57	(N)	$1,212.32	(N)	$1,266.10	(N)	$295.00	(N)
33	$1,196.64	(N)	$1,252.16	(N)	$1,307.71	(N)	$295.00	(N)
34	$1,234.72	(N)	$1,292.00	(N)	$1,349.31	(N)	$295.00	(N)
35	$1,272.79	(N)	$1,331.85	(N)	$1,390.92	(N)	$295.00	(N)
36	$1,310.87	(N)	$1,371.69	(N)	$1,432.53	(N)	$295.00	(N)
37	$1,348.94	(N)	$1,411.53	(N)	$1,474.14	(N)	$295.00	(N)
38	$1,387.02	(N)	$1,451.37	(N)	$1,515.75	(N)	$295.00	(N)
39	$1,470.24	(N)	$1,538.45	(N)	$1,606.70	(N)	$295.00	(N)
40	$1,553.46	(N)	$1,625.53	(N)	$1,697.64	(N)	$295.00	(N)
41	$1,636.68	(N)	$1,712.62	(N)	$1,788.59	(N)	$295.00	(N)
42	$1,719.90	(N)	$1,799.70	(N)	$1,879.53	(N)	$295.00	(N)
43	$1,803.13	(N)	$1,886.78	(N)	$1,970.48	(N)	$295.00	(N)
44	$1,886.35	(N)	$1,973.86	(N)	$2,061.42	(N)	$295.00	(N)
45	$1,969.57	(N)	$2,060.95	(N)	$2,152.37	(N)	$295.00	(N)
46	$2,052.79	(N)	$2,148.03	(N)	$2,243.31	(N)	$295.00	(N)
47	$2,136.01	(N)	$2,235.11	(N)	$2,334.26	(N)	$295.00	(N)
48	$2,219.23	(N)	$2,322.19	(N)	$2,425.20	(N)	$295.00	(N)
49	$2,302.45	(N)	$2,409.27	(N)	$2,516.15	(N)	$295.00	(N)
50	$2,385.67	(N)	$2,496.36	(N)	$2,607.09	(N)	$295.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(1) ETS Channel Terminations (Cont'd)

(b) Per termination when customer designated premises located more than 300 feet from ETS SWC (Cont'd)

Rate Band	Monthly Rate 500 Mbps		750 Mbps		1 Gbps		Nonrecurring Charge - All	
1	$33.42	(R)	$38.44	(R)	$44.56	(R)	$442.00	
2	$66.84	(R)	$76.89	(R)	$89.12	(R)	$442.00	
3	$100.26	(R)	$115.33	(R)	$133.68	(R)	$442.00	
4	$133.68	(R)	$153.77	(R)	$178.24	(R)	$442.00	
5	$188.73	(R)	$217.09	(R)	$251.63	(R)	$442.00	
6	$243.77	(R)	$280.41	(R)	$325.03	(R)	$442.00	
7	$298.82	(R)	$343.73	(R)	$398.42	(R)	$442.00	
8	$353.86	(R)	$407.05	(R)	$471.81	(R)	$442.00	
9	$408.91	(R)	$470.37	(R)	$545.20	(R)	$442.00	
10	$463.96	(R)	$533.69	(R)	$618.60	(R)	$442.00	
11	$519.00	(R)	$597.00	(R)	$691.99	(R)	$442.00	
12	$574.05	(R)	$660.32	(R)	$765.38	(R)	$442.00	
13	$629.09	(R)	$723.64	(R)	$838.78	(R)	$442.00	
14	$684.14	(R)	$786.96	(R)	$912.17	(R)	$442.00	
15	$739.18	(R)	$850.28	(R)	$985.56	(R)	$442.00	
16	$794.23	(R)	$913.60	(R)	$1,058.96	(R)	$442.00	
17	$849.27	(R)	$976.92	(R)	$1,132.35	(R)	$442.00	
18	$904.32	(R)	$1,040.24	(R)	$1,205.74	(R)	$442.00	
19	$959.36	(R)	$1,103.55	(R)	$1,279.13	(R)	$442.00	
20	$1,014.41	(R)	$1,166.87	(R)	$1,352.53	(R)	$442.00	
21	$1,069.46	(R)	$1,230.19	(R)	$1,425.92	(R)	$442.00	
22	$1,124.50	(R)	$1,293.51	(R)	$1,499.31	(R)	$442.00	
23	$1,179.55	(R)	$1,356.83	(R)	$1,572.71	(R)	$442.00	
24	$1,234.59	(R)	$1,420.15	(R)	$1,646.10	(R)	$442.00	
25	$1,289.64	(N)	$1,483.47	(N)	$1,719.49	(N)	$442.00	(N)
26	$1,344.68	(N)	$1,546.79	(N)	$1,792.88	(N)	$442.00	(N)
27	$1,399.73	(N)	$1,610.10	(N)	$1,866.28	(N)	$442.00	(N)
28	$1,454.77	(N)	$1,673.42	(N)	$1,939.67	(N)	$442.00	(N)
29	$1,509.82	(N)	$1,736.74	(N)	$2,013.06	(N)	$442.00	(N)
30	$1,564.87	(N)	$1,800.06	(N)	$2,086.46	(N)	$442.00	(N)
31	$1,619.91	(N)	$1,863.38	(N)	$2,159.85	(N)	$442.00	(N)
32	$1,674.96	(N)	$1,926.70	(N)	$2,233.24	(N)	$442.00	(N)
33	$1,730.00	(N)	$1,990.02	(N)	$2,306.64	(N)	$442.00	(N)
34	$1,785.05	(N)	$2,053.34	(N)	$2,380.03	(N)	$442.00	(N)
35	$1,840.09	(N)	$2,116.65	(N)	$2,453.42	(N)	$442.00	(N)
36	$1,895.14	(N)	$2,179.97	(N)	$2,526.81	(N)	$442.00	(N)
37	$1,950.18	(N)	$2,243.29	(N)	$2,600.21	(N)	$442.00	(N)
38	$2,005.23	(N)	$2,306.61	(N)	$2,673.60	(N)	$442.00	(N)
39	$2,125.54	(N)	$2,445.01	(N)	$2,834.02	(N)	$442.00	(N)
40	$2,245.86	(N)	$2,583.40	(N)	$2,994.43	(N)	$442.00	(N)
41	$2,366.17	(N)	$2,721.80	(N)	$3,154.85	(N)	$442.00	(N)
42	$2,486.49	(N)	$2,860.20	(N)	$3,315.26	(N)	$442.00	(N)
43	$2,606.80	(N)	$2,998.59	(N)	$3,475.68	(N)	$442.00	(N)
44	$2,727.11	(N)	$3,136.99	(N)	$3,636.10	(N)	$442.00	(N)
45	$2,847.43	(N)	$3,275.39	(N)	$3,796.51	(N)	$442.00	(N)
46	$2,967.74	(N)	$3,413.78	(N)	$3,956.93	(N)	$442.00	(N)
47	$3,088.05	(N)	$3,552.18	(N)	$4,117.34	(N)	$442.00	(N)
48	$3,208.37	(N)	$3,690.58	(N)	$4,277.76	(N)	$442.00	(N)
49	$3,328.68	(N)	$3,828.97	(N)	$4,438.18	(N)	$442.00	(N)
50	$3,449.00	(N)	$3,967.37	(N)	$4,598.59	(N)	$442.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(1) ETS Channel Terminations (Cont'd)

(b) Per termination when customer designated premises located more than 300 feet from ETS SWC (Cont'd)

Rate Band	Monthly Rate 2.5 Gbps		5 Gbps		10 Gbps		Nonrecurring Charge - All	
1	$85.98	(R)	$130.58	(R)	$178.41	(R)	$442.00	
2	$171.95	(R)	$261.16	(R)	$356.81	(R)	$442.00	
3	$257.93	(R)	$391.73	(R)	$535.22	(R)	$442.00	
4	$343.90	(R)	$522.31	(R)	$713.63	(R)	$442.00	
5	$485.51	(R)	$737.38	(R)	$1,007.47	(R)	$442.00	
6	$627.12	(R)	$952.45	(R)	$1,301.32	(R)	$442.00	
7	$768.73	(R)	$1,167.52	(R)	$1,595.17	(R)	$442.00	
8	$910.33	(R)	$1,382.59	(R)	$1,889.02	(R)	$442.00	
9	$1,051.94	(R)	$1,597.66	(R)	$2,182.86	(R)	$442.00	
10	$1,193.55	(R)	$1,812.73	(R)	$2,476.71	(R)	$442.00	
11	$1,335.16	(R)	$2,027.80	(R)	$2,770.56	(R)	$442.00	
12	$1,476.76	(R)	$2,242.87	(R)	$3,064.40	(R)	$442.00	
13	$1,618.37	(R)	$2,457.94	(R)	$3,358.25	(R)	$442.00	
14	$1,759.98	(R)	$2,673.01	(R)	$3,652.10	(R)	$442.00	
15	$1,901.59	(R)	$2,888.08	(R)	$3,945.94	(R)	$442.00	
16	$2,043.19	(R)	$3,103.15	(R)	$4,239.79	(R)	$442.00	
17	$2,184.80	(R)	$3,318.22	(R)	$4,533.64	(R)	$442.00	
18	$2,326.41	(R)	$3,533.29	(R)	$4,827.48	(R)	$442.00	
19	$2,468.02	(R)	$3,748.36	(R)	$5,121.33	(R)	$442.00	
20	$2,609.62	(R)	$3,963.43	(R)	$5,415.18	(R)	$442.00	
21	$2,751.23	(R)	$4,178.50	(R)	$5,709.02	(R)	$442.00	
22	$2,892.84	(R)	$4,393.57	(R)	$6,002.87	(R)	$442.00	
23	$3,034.45	(R)	$4,608.64	(R)	$6,296.72	(R)	$442.00	
24	$3,176.05	(R)	$4,823.70	(R)	$6,590.56	(R)	$442.00	
25	$3,317.66	(N)	$5,038.77	(N)	$6,884.41	(N)	$442.00	(N)
26	$3,459.27	(N)	$5,253.84	(N)	$7,178.26	(N)	$442.00	(N)
27	$3,600.88	(N)	$5,468.91	(N)	$7,472.10	(N)	$442.00	(N)
28	$3,742.48	(N)	$5,683.98	(N)	$7,765.95	(N)	$442.00	(N)
29	$3,884.09	(N)	$5,899.05	(N)	$8,059.80	(N)	$442.00	(N)
30	$4,025.70	(N)	$6,114.12	(N)	$8,353.65	(N)	$442.00	(N)
31	$4,167.31	(N)	$6,329.19	(N)	$8,647.49	(N)	$442.00	(N)
32	$4,308.91	(N)	$6,544.26	(N)	$8,941.34	(N)	$442.00	(N)
33	$4,450.52	(N)	$6,759.33	(N)	$9,235.19	(N)	$442.00	(N)
34	$4,592.13	(N)	$6,974.40	(N)	$9,529.03	(N)	$442.00	(N)
35	$4,733.74	(N)	$7,189.47	(N)	$9,822.88	(N)	$442.00	(N)
36	$4,875.34	(N)	$7,404.54	(N)	$10,116.73	(N)	$442.00	(N)
37	$5,016.95	(N)	$7,619.61	(N)	$10,410.57	(N)	$442.00	(N)
38	$5,158.56	(N)	$7,834.68	(N)	$10,704.42	(N)	$442.00	(N)
39	$5,468.07	(N)	$8,304.76	(N)	$11,346.69	(N)	$442.00	(N)
40	$5,777.59	(N)	$8,774.84	(N)	$11,988.95	(N)	$442.00	(N)
41	$6,087.10	(N)	$9,244.92	(N)	$12,631.22	(N)	$442.00	(N)
42	$6,396.61	(N)	$9,715.00	(N)	$13,273.48	(N)	$442.00	(N)
43	$6,706.13	(N)	$10,185.08	(N)	$13,915.75	(N)	$442.00	(N)
44	$7,015.64	(N)	$10,655.16	(N)	$14,558.01	(N)	$442.00	(N)
45	$7,325.16	(N)	$11,125.25	(N)	$15,200.28	(N)	$442.00	(N)
46	$7,634.67	(N)	$11,595.33	(N)	$15,842.54	(N)	$442.00	(N)
47	$7,944.18	(N)	$12,065.41	(N)	$16,484.81	(N)	$442.00	(N)
48	$8,253.70	(N)	$12,535.49	(N)	$17,127.07	(N)	$442.00	(N)
49	$8,563.21	(N)	$13,005.57	(N)	$17,769.34	(N)	$442.00	(N)
50	$8,872.72	(N)	$13,475.65	(N)	$18,411.60	(N)	$442.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(2) Ports

(a) Per ETS Basic Port

Rate Band	Monthly Rate 2 Mbps		5 Mbps		10 Mbps		20 Mbps		Nonrecurring Charge - All	
1	$6.38	(R)	$7.07	(R)	$7.80	(R)	$8.67	(R)	$259.00	
2	$12.77	(R)	$14.14	(R)	$15.61	(R)	$17.34	(R)	$259.00	
3	$19.15	(R)	$21.20	(R)	$23.41	(R)	$26.01	(R)	$259.00	
4	$25.54	(R)	$28.27	(R)	$31.22	(R)	$34.68	(R)	$259.00	
5	$36.05	(R)	$39.91	(R)	$44.07	(R)	$48.97	(R)	$259.00	
6	$46.57	(R)	$51.55	(R)	$56.93	(R)	$63.25	(R)	$259.00	
7	$57.08	(R)	$63.19	(R)	$69.78	(R)	$77.53	(R)	$259.00	
8	$67.60	(R)	$74.83	(R)	$82.64	(R)	$91.81	(R)	$259.00	
9	$78.11	(R)	$86.47	(R)	$95.49	(R)	$106.09	(R)	$259.00	
10	$88.62	(R)	$98.11	(R)	$108.34	(R)	$120.37	(R)	$259.00	
11	$99.14	(R)	$109.75	(R)	$121.20	(R)	$134.66	(R)	$259.00	
12	$109.65	(R)	$121.39	(R)	$134.05	(R)	$148.94	(R)	$259.00	
13	$120.17	(R)	$133.04	(R)	$146.91	(R)	$163.22	(R)	$259.00	
14	$130.68	(R)	$144.68	(R)	$159.76	(R)	$177.50	(R)	$259.00	
15	$141.20	(R)	$156.32	(R)	$172.62	(R)	$191.78	(R)	$259.00	
16	$151.71	(R)	$167.96	(R)	$185.47	(R)	$206.06	(R)	$259.00	
17	$162.23	(R)	$179.60	(R)	$198.33	(R)	$220.35	(R)	$259.00	
18	$172.74	(R)	$191.24	(R)	$211.18	(R)	$234.63	(R)	$259.00	
19	$183.26	(R)	$202.88	(R)	$224.04	(R)	$248.91	(R)	$259.00	
20	$193.77	(R)	$214.52	(R)	$236.89	(R)	$263.19	(R)	$259.00	
21	$204.29	(R)	$226.16	(R)	$249.74	(R)	$277.47	(R)	$259.00	
22	$214.80	(R)	$237.80	(R)	$262.60	(R)	$291.75	(R)	$259.00	
23	$225.32	(R)	$249.44	(R)	$275.45	(R)	$306.04	(R)	$259.00	
24	$235.83	(R)	$261.08	(R)	$288.31	(R)	$320.32	(R)	$259.00	
25	$246.35	(N)	$272.72	(N)	$301.16	(N)	$334.60	(N)	$259.00	(N)
26	$256.86	(N)	$284.36	(N)	$314.02	(N)	$348.88	(N)	$259.00	(N)
27	$267.38	(N)	$296.00	(N)	$326.87	(N)	$363.16	(N)	$259.00	(N)
28	$277.89	(N)	$307.64	(N)	$339.73	(N)	$377.44	(N)	$259.00	(N)
29	$288.41	(N)	$319.28	(N)	$352.58	(N)	$391.73	(N)	$259.00	(N)
30	$298.92	(N)	$330.93	(N)	$365.43	(N)	$406.01	(N)	$259.00	(N)
31	$309.44	(N)	$342.57	(N)	$378.29	(N)	$420.29	(N)	$259.00	(N)
32	$319.95	(N)	$354.21	(N)	$391.14	(N)	$434.57	(N)	$259.00	(N)
33	$330.47	(N)	$365.85	(N)	$404.00	(N)	$448.85	(N)	$259.00	(N)
34	$340.98	(N)	$377.49	(N)	$416.85	(N)	$463.13	(N)	$259.00	(N)
35	$351.50	(N)	$389.13	(N)	$429.71	(N)	$477.42	(N)	$259.00	(N)
36	$362.01	(N)	$400.77	(N)	$442.56	(N)	$491.70	(N)	$259.00	(N)
37	$372.53	(N)	$412.41	(N)	$455.42	(N)	$505.98	(N)	$259.00	(N)
38	$383.04	(N)	$424.05	(N)	$468.27	(N)	$520.26	(N)	$259.00	(N)
39	$406.02	(N)	$449.49	(N)	$496.37	(N)	$551.48	(N)	$259.00	(N)
40	$429.00	(N)	$474.94	(N)	$524.46	(N)	$582.69	(N)	$259.00	(N)
41	$451.99	(N)	$500.38	(N)	$552.56	(N)	$613.91	(N)	$259.00	(N)
42	$474.97	(N)	$525.82	(N)	$580.65	(N)	$645.12	(N)	$259.00	(N)
43	$497.95	(N)	$551.27	(N)	$608.75	(N)	$676.34	(N)	$259.00	(N)
44	$520.93	(N)	$576.71	(N)	$636.85	(N)	$707.55	(N)	$259.00	(N)
45	$543.92	(N)	$602.15	(N)	$664.94	(N)	$738.77	(N)	$259.00	(N)
46	$566.90	(N)	$627.59	(N)	$693.04	(N)	$769.98	(N)	$259.00	(N)
47	$589.88	(N)	$653.04	(N)	$721.14	(N)	$801.20	(N)	$259.00	(N)
48	$612.86	(N)	$678.48	(N)	$749.23	(N)	$832.42	(N)	$259.00	(N)
49	$635.85	(N)	$703.92	(N)	$777.33	(N)	$863.63	(N)	$259.00	(N)
50	$658.83	(N)	$729.37	(N)	$805.42	(N)	$894.85	(N)	$259.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(2) Ports (Cont'd)

(a) Per ETS Basic Port (Cont'd)

Rate Band	Monthly Rate 50 Mbps		100 Mbps		250 Mbps		Nonrecurring Charge - All	
1	$9.19	(R)	$10.03	(R)	$13.84	(R)	$259.00	
2	$18.38	(R)	$20.05	(R)	$27.68	(R)	$259.00	
3	$27.57	(R)	$30.08	(R)	$41.52	(R)	$259.00	
4	$36.76	(R)	$40.11	(R)	$55.36	(R)	$259.00	
5	$51.90	(R)	$56.62	(R)	$78.15	(R)	$259.00	
6	$67.03	(R)	$73.13	(R)	$100.95	(R)	$259.00	
7	$82.17	(R)	$89.65	(R)	$123.74	(R)	$259.00	
8	$97.31	(R)	$106.16	(R)	$146.54	(R)	$259.00	
9	$112.44	(R)	$122.68	(R)	$169.33	(R)	$259.00	
10	$127.58	(R)	$139.19	(R)	$192.12	(R)	$259.00	
11	$142.72	(R)	$155.71	(R)	$214.92	(R)	$259.00	
12	$157.85	(R)	$172.22	(R)	$237.71	(R)	$259.00	
13	$172.99	(R)	$188.73	(R)	$260.51	(R)	$259.00	
14	$188.12	(R)	$205.25	(R)	$283.30	(R)	$259.00	
15	$203.26	(R)	$221.76	(R)	$306.10	(R)	$259.00	
16	$218.40	(R)	$238.28	(R)	$328.89	(R)	$259.00	
17	$233.53	(R)	$254.79	(R)	$351.69	(R)	$259.00	
18	$248.67	(R)	$271.31	(R)	$374.48	(R)	$259.00	
19	$263.81	(R)	$287.82	(R)	$397.28	(R)	$259.00	
20	$278.94	(R)	$304.33	(R)	$420.07	(R)	$259.00	
21	$294.08	(R)	$320.85	(R)	$442.86	(R)	$259.00	
22	$309.22	(R)	$337.36	(R)	$465.66	(R)	$259.00	
23	$324.35	(R)	$353.88	(R)	$488.45	(R)	$259.00	
24	$339.49	(R)	$370.39	(R)	$511.25	(R)	$259.00	
25	$354.63	(N)	$386.90	(N)	$534.04	(N)	$259.00	(N)
26	$369.76	(N)	$403.42	(N)	$556.84	(N)	$259.00	(N)
27	$384.90	(N)	$419.93	(N)	$579.63	(N)	$259.00	(N)
28	$400.04	(N)	$436.45	(N)	$602.43	(N)	$259.00	(N)
29	$415.17	(N)	$452.96	(N)	$625.22	(N)	$259.00	(N)
30	$430.31	(N)	$469.48	(N)	$648.01	(N)	$259.00	(N)
31	$445.44	(N)	$485.99	(N)	$670.81	(N)	$259.00	(N)
32	$460.58	(N)	$502.50	(N)	$693.60	(N)	$259.00	(N)
33	$475.72	(N)	$519.02	(N)	$716.40	(N)	$259.00	(N)
34	$490.85	(N)	$535.53	(N)	$739.19	(N)	$259.00	(N)
35	$505.99	(N)	$552.05	(N)	$761.99	(N)	$259.00	(N)
36	$521.13	(N)	$568.56	(N)	$784.78	(N)	$259.00	(N)
37	$536.26	(N)	$585.08	(N)	$807.58	(N)	$259.00	(N)
38	$551.40	(N)	$601.59	(N)	$830.37	(N)	$259.00	(N)
39	$584.48	(N)	$637.69	(N)	$880.19	(N)	$259.00	(N)
40	$617.57	(N)	$673.78	(N)	$930.01	(N)	$259.00	(N)
41	$650.65	(N)	$709.88	(N)	$979.84	(N)	$259.00	(N)
42	$683.74	(N)	$745.97	(N)	$1,029.66	(N)	$259.00	(N)
43	$716.82	(N)	$782.07	(N)	$1,079.48	(N)	$259.00	(N)
44	$749.90	(N)	$818.16	(N)	$1,129.30	(N)	$259.00	(N)
45	$782.99	(N)	$854.26	(N)	$1,179.13	(N)	$259.00	(N)
46	$816.07	(N)	$890.35	(N)	$1,228.95	(N)	$259.00	(N)
47	$849.16	(N)	$926.45	(N)	$1,278.77	(N)	$259.00	(N)
48	$882.24	(N)	$962.54	(N)	$1,328.59	(N)	$259.00	(N)
49	$915.32	(N)	$998.64	(N)	$1,378.41	(N)	$259.00	(N)
50	$948.41	(N)	$1,034.73	(N)	$1,428.24	(N)	$259.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(2) Ports (Cont'd)

(a) Per ETS Basic Port (Cont'd)

Rate Band	Monthly Rate 500 Mbps		750 Mbps		1 Gbps		Nonrecurring Charge - All	
1	$17.55	(R)	$22.19	(R)	$26.74	(R)	$388.00	
2	$35.09	(R)	$44.38	(R)	$53.47	(R)	$388.00	
3	$52.64	(R)	$66.56	(R)	$80.21	(R)	$388.00	
4	$70.18	(R)	$88.75	(R)	$106.95	(R)	$388.00	
5	$99.08	(R)	$125.30	(R)	$150.98	(R)	$388.00	
6	$127.98	(R)	$161.84	(R)	$195.02	(R)	$388.00	
7	$156.88	(R)	$198.39	(R)	$239.06	(R)	$388.00	
8	$185.78	(R)	$234.93	(R)	$283.09	(R)	$388.00	
9	$214.68	(R)	$271.48	(R)	$327.13	(R)	$388.00	
10	$243.58	(R)	$308.02	(R)	$371.17	(R)	$388.00	
11	$272.48	(R)	$344.57	(R)	$415.20	(R)	$388.00	
12	$301.38	(R)	$381.11	(R)	$459.24	(R)	$388.00	
13	$330.28	(R)	$417.66	(R)	$503.28	(R)	$388.00	
14	$359.18	(R)	$454.20	(R)	$547.31	(R)	$388.00	
15	$388.08	(R)	$490.75	(R)	$591.35	(R)	$388.00	
16	$416.98	(R)	$527.29	(R)	$635.39	(R)	$388.00	
17	$445.87	(R)	$563.84	(R)	$679.42	(R)	$388.00	
18	$474.77	(R)	$600.38	(R)	$723.46	(R)	$388.00	
19	$503.67	(R)	$636.93	(R)	$767.49	(R)	$388.00	
20	$532.57	(R)	$673.47	(R)	$811.53	(R)	$388.00	
21	$561.47	(R)	$710.02	(R)	$855.57	(R)	$388.00	
22	$590.37	(R)	$746.56	(R)	$899.60	(R)	$388.00	
23	$619.27	(R)	$783.11	(R)	$943.64	(R)	$388.00	
24	$648.17	(R)	$819.65	(R)	$987.68	(R)	$388.00	
25	$677.07	(N)	$856.20	(N)	$1,031.71	(N)	$388.00	(N)
26	$705.97	(N)	$892.74	(N)	$1,075.75	(N)	$388.00	(N)
27	$734.87	(N)	$929.29	(N)	$1,119.79	(N)	$388.00	(N)
28	$763.77	(N)	$965.83	(N)	$1,163.82	(N)	$388.00	(N)
29	$792.67	(N)	$1,002.38	(N)	$1,207.86	(N)	$388.00	(N)
30	$821.57	(N)	$1,038.92	(N)	$1,251.90	(N)	$388.00	(N)
31	$850.46	(N)	$1,075.47	(N)	$1,295.93	(N)	$388.00	(N)
32	$879.36	(N)	$1,112.01	(N)	$1,339.97	(N)	$388.00	(N)
33	$908.26	(N)	$1,148.56	(N)	$1,384.01	(N)	$388.00	(N)
34	$937.16	(N)	$1,185.10	(N)	$1,428.04	(N)	$388.00	(N)
35	$966.06	(N)	$1,221.65	(N)	$1,472.08	(N)	$388.00	(N)
36	$994.96	(N)	$1,258.19	(N)	$1,516.12	(N)	$388.00	(N)
37	$1,023.86	(N)	$1,294.74	(N)	$1,560.15	(N)	$388.00	(N)
38	$1,052.76	(N)	$1,331.28	(N)	$1,604.19	(N)	$388.00	(N)
39	$1,115.93	(N)	$1,411.16	(N)	$1,700.44	(N)	$388.00	(N)
40	$1,179.09	(N)	$1,491.03	(N)	$1,796.69	(N)	$388.00	(N)
41	$1,242.26	(N)	$1,570.91	(N)	$1,892.94	(N)	$388.00	(N)
42	$1,305.42	(N)	$1,650.79	(N)	$1,989.20	(N)	$388.00	(N)
43	$1,368.59	(N)	$1,730.66	(N)	$2,085.45	(N)	$388.00	(N)
44	$1,431.75	(N)	$1,810.54	(N)	$2,181.70	(N)	$388.00	(N)
45	$1,494.92	(N)	$1,890.42	(N)	$2,277.95	(N)	$388.00	(N)
46	$1,558.08	(N)	$1,970.29	(N)	$2,374.20	(N)	$388.00	(N)
47	$1,621.25	(N)	$2,050.17	(N)	$2,470.45	(N)	$388.00	(N)
48	$1,684.42	(N)	$2,130.05	(N)	$2,566.70	(N)	$388.00	(N)
49	$1,747.58	(N)	$2,209.92	(N)	$2,662.96	(N)	$388.00	(N)
50	$1,810.75	(N)	$2,289.80	(N)	$2,759.21	(N)	$388.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(2) Ports (Cont'd)

(a) Per ETS Basic Port (Cont'd)

Rate Band	Monthly Rate 2.5 Gbps		5 Gbps		10 Gbps		Nonrecurring Charge - All	
1	$51.35	(R)	$78.05	(R)	$106.81	(R)	$388.00	
2	$102.70	(R)	$156.11	(R)	$213.62	(R)	$388.00	
3	$154.05	(R)	$234.16	(R)	$320.43	(R)	$388.00	
4	$205.40	(R)	$312.21	(R)	$427.24	(R)	$388.00	
5	$289.98	(R)	$440.77	(R)	$603.16	(R)	$388.00	
6	$374.56	(R)	$569.33	(R)	$779.08	(R)	$388.00	
7	$459.14	(R)	$697.89	(R)	$955.00	(R)	$388.00	
8	$543.72	(R)	$826.44	(R)	$1,130.92	(R)	$388.00	
9	$628.29	(R)	$955.00	(R)	$1,306.85	(R)	$388.00	
10	$712.87	(R)	$1,083.56	(R)	$1,482.77	(R)	$388.00	
11	$797.45	(R)	$1,212.12	(R)	$1,658.69	(R)	$388.00	
12	$882.03	(R)	$1,340.68	(R)	$1,834.61	(R)	$388.00	
13	$966.61	(R)	$1,469.23	(R)	$2,010.53	(R)	$388.00	
14	$1,051.19	(R)	$1,597.79	(R)	$2,186.45	(R)	$388.00	
15	$1,135.76	(R)	$1,726.35	(R)	$2,362.37	(R)	$388.00	
16	$1,220.34	(R)	$1,854.91	(R)	$2,538.30	(R)	$388.00	
17	$1,304.92	(R)	$1,983.46	(R)	$2,714.22	(R)	$388.00	
18	$1,389.50	(R)	$2,112.02	(R)	$2,890.14	(R)	$388.00	
19	$1,474.08	(R)	$2,240.58	(R)	$3,066.06	(R)	$388.00	
20	$1,558.65	(R)	$2,369.14	(R)	$3,241.98	(R)	$388.00	
21	$1,643.23	(R)	$2,497.70	(R)	$3,417.90	(R)	$388.00	
22	$1,727.81	(R)	$2,626.25	(R)	$3,593.83	(R)	$388.00	
23	$1,812.39	(R)	$2,754.81	(R)	$3,769.75	(R)	$388.00	
24	$1,896.97	(R)	$2,883.37	(R)	$3,945.67	(R)	$388.00	
25	$1,981.54	(N)	$3,011.93	(N)	$4,121.59	(N)	$388.00	(N)
26	$2,066.12	(N)	$3,140.49	(N)	$4,297.51	(N)	$388.00	(N)
27	$2,150.70	(N)	$3,269.04	(N)	$4,473.43	(N)	$388.00	(N)
28	$2,235.28	(N)	$3,397.60	(N)	$4,649.35	(N)	$388.00	(N)
29	$2,319.86	(N)	$3,526.16	(N)	$4,825.28	(N)	$388.00	(N)
30	$2,404.44	(N)	$3,654.72	(N)	$5,001.20	(N)	$388.00	(N)
31	$2,489.01	(N)	$3,783.27	(N)	$5,177.12	(N)	$388.00	(N)
32	$2,573.59	(N)	$3,911.83	(N)	$5,353.04	(N)	$388.00	(N)
33	$2,658.17	(N)	$4,040.39	(N)	$5,528.96	(N)	$388.00	(N)
34	$2,742.75	(N)	$4,168.95	(N)	$5,704.88	(N)	$388.00	(N)
35	$2,827.33	(N)	$4,297.51	(N)	$5,880.81	(N)	$388.00	(N)
36	$2,911.90	(N)	$4,426.06	(N)	$6,056.73	(N)	$388.00	(N)
37	$2,996.48	(N)	$4,554.62	(N)	$6,232.65	(N)	$388.00	(N)
38	$3,081.06	(N)	$4,683.18	(N)	$6,408.57	(N)	$388.00	(N)
39	$3,265.92	(N)	$4,964.17	(N)	$6,793.08	(N)	$388.00	(N)
40	$3,450.79	(N)	$5,245.16	(N)	$7,177.60	(N)	$388.00	(N)
41	$3,635.65	(N)	$5,526.15	(N)	$7,562.11	(N)	$388.00	(N)
42	$3,820.51	(N)	$5,807.14	(N)	$7,946.63	(N)	$388.00	(N)
43	$4,005.38	(N)	$6,088.13	(N)	$8,331.14	(N)	$388.00	(N)
44	$4,190.24	(N)	$6,369.12	(N)	$8,715.66	(N)	$388.00	(N)
45	$4,375.11	(N)	$6,650.12	(N)	$9,100.17	(N)	$388.00	(N)
46	$4,559.97	(N)	$6,931.11	(N)	$9,484.68	(N)	$388.00	(N)
47	$4,744.83	(N)	$7,212.10	(N)	$9,869.20	(N)	$388.00	(N)
48	$4,929.70	(N)	$7,493.09	(N)	$10,253.71	(N)	$388.00	(N)
49	$5,114.56	(N)	$7,774.08	(N)	$10,638.23	(N)	$388.00	(N)
50	$5,299.42	(N)	$8,055.07	(N)	$11,022.74	(N)	$388.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

Reserved for Future Use (N)

Certain material formerly found on this page now appears on Original Page 17-41.7.2.1.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

Reserved for Future Use (N)

Certain material formerly found on this page now appears on Original Page 17-41.7.3.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(2) Ports (Cont'd)

(b) Per ETS Interconnection Port

Rate Band	Monthly Rate 44.736 Mbps		Nonrecurring Charge		Monthly Rate 155.52 Mbps		Nonrecurring Charge	
1	$104.06	(R)	$175.00		$124.87	(R)	$262.00	
2	$208.11	(R)	$175.00		$249.74	(R)	$262.00	
3	$312.17	(R)	$175.00		$374.60	(R)	$262.00	
4	$416.23	(R)	$175.00		$499.47	(R)	$262.00	
5	$587.61	(R)	$175.00		$705.14	(R)	$262.00	
6	$759.00	(R)	$175.00		$910.80	(R)	$262.00	
7	$930.39	(R)	$175.00		$1,116.47	(R)	$262.00	
8	$1,101.77	(R)	$175.00		$1,322.13	(R)	$262.00	
9	$1,273.16	(R)	$175.00		$1,527.80	(R)	$262.00	
10	$1,444.55	(R)	$175.00		$1,733.46	(R)	$262.00	
11	$1,615.94	(R)	$175.00		$1,939.13	(R)	$262.00	
12	$1,787.32	(R)	$175.00		$2,144.79	(R)	$262.00	
13	$1,958.71	(R)	$175.00		$2,350.46	(R)	$262.00	
14	$2,130.10	(R)	$175.00		$2,556.12	(R)	$262.00	
15	$2,301.48	(R)	$175.00		$2,761.79	(R)	$262.00	
16	$2,472.87	(R)	$175.00		$2,967.45	(R)	$262.00	
17	$2,644.26	(R)	$175.00		$3,173.12	(R)	$262.00	
18	$2,815.65	(R)	$175.00		$3,378.78	(R)	$262.00	
19	$2,987.03	(R)	$175.00		$3,584.45	(R)	$262.00	
20	$3,158.42	(R)	$175.00		$3,790.11	(R)	$262.00	
21	$3,329.81	(R)	$175.00		$3,995.78	(R)	$262.00	
22	$3,501.20	(R)	$175.00		$4,201.44	(R)	$262.00	
23	$3,672.58	(R)	$175.00		$4,407.11	(R)	$262.00	
24	$3,843.97	(R)	$175.00		$4,612.77	(R)	$262.00	
25	$4,015.36	(N)	$175.00	(N)	$4,818.44	(N)	$262.00	(N)
26	$4,186.74	(N)	$175.00	(N)	$5,024.10	(N)	$262.00	(N)
27	$4,358.13	(N)	$175.00	(N)	$5,229.77	(N)	$262.00	(N)
28	$4,529.52	(N)	$175.00	(N)	$5,435.43	(N)	$262.00	(N)
29	$4,700.91	(N)	$175.00	(N)	$5,641.10	(N)	$262.00	(N)
30	$4,872.29	(N)	$175.00	(N)	$5,846.76	(N)	$262.00	(N)
31	$5,043.68	(N)	$175.00	(N)	$6,052.43	(N)	$262.00	(N)
32	$5,215.07	(N)	$175.00	(N)	$6,258.09	(N)	$262.00	(N)
33	$5,386.45	(N)	$175.00	(N)	$6,463.76	(N)	$262.00	(N)
34	$5,557.84	(N)	$175.00	(N)	$6,669.42	(N)	$262.00	(N)
35	$5,729.23	(N)	$175.00	(N)	$6,875.09	(N)	$262.00	(N)
36	$5,900.62	(N)	$175.00	(N)	$7,080.75	(N)	$262.00	(N)
37	$6,072.00	(N)	$175.00	(N)	$7,286.42	(N)	$262.00	(N)
38	$6,243.39	(N)	$175.00	(N)	$7,492.08	(N)	$262.00	(N)
39	$6,617.99	(N)	$175.00	(N)	$7,941.60	(N)	$262.00	(N)
40	$6,992.60	(N)	$175.00	(N)	$8,391.13	(N)	$262.00	(N)
41	$7,367.20	(N)	$175.00	(N)	$8,840.65	(N)	$262.00	(N)
42	$7,741.80	(N)	$175.00	(N)	$9,290.18	(N)	$262.00	(N)
43	$8,116.41	(N)	$175.00	(N)	$9,739.70	(N)	$262.00	(N)
44	$8,491.01	(N)	$175.00	(N)	$10,189.23	(N)	$262.00	(N)
45	$8,865.61	(N)	$175.00	(N)	$10,638.75	(N)	$262.00	(N)
46	$9,240.22	(N)	$175.00	(N)	$11,088.28	(N)	$262.00	(N)
47	$9,614.82	(N)	$175.00	(N)	$11,537.80	(N)	$262.00	(N)
48	$9,989.42	(N)	$175.00	(N)	$11,987.33	(N)	$262.00	(N)
49	$10,364.03	(N)	$175.00	(N)	$12,436.85	(N)	$262.00	(N)
50	$10,738.63	(N)	$175.00	(N)	$12,886.38	(N)	$262.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(2) Ports (Cont'd)

(b) Per ETS Interconnection Port (Cont'd)

Rate Band	Monthly Rate 622.08 Mbps		Nonrecurring Charge	
1	$208.11	(R)	$262.00	
2	$416.23	(R)	$262.00	
3	$624.34	(R)	$262.00	
4	$832.45	(R)	$262.00	
5	$1,175.23	(R)	$262.00	
6	$1,518.00	(R)	$262.00	
7	$1,860.78	(R)	$262.00	
8	$2,203.55	(R)	$262.00	
9	$2,546.33	(R)	$262.00	
10	$2,889.11	(R)	$262.00	
11	$3,231.88	(R)	$262.00	
12	$3,574.66	(R)	$262.00	
13	$3,917.43	(R)	$262.00	
14	$4,260.21	(R)	$262.00	
15	$4,602.98	(R)	$262.00	
16	$4,945.76	(R)	$262.00	
17	$5,288.53	(R)	$262.00	
18	$5,631.31	(R)	$262.00	
19	$5,974.08	(R)	$262.00	
20	$6,316.86	(R)	$262.00	
21	$6,659.63	(R)	$262.00	
22	$7,002.41	(R)	$262.00	
23	$7,345.18	(R)	$262.00	
24	$7,687.96	(R)	$262.00	
25	$8,030.73	(N)	$262.00	(N)
26	$8,373.51	(N)	$262.00	(N)
27	$8,716.28	(N)	$262.00	(N)
28	$9,059.06	(N)	$262.00	(N)
29	$9,401.83	(N)	$262.00	(N)
30	$9,744.61	(N)	$262.00	(N)
31	$10,087.38	(N)	$262.00	(N)
32	$10,430.16	(N)	$262.00	(N)
33	$10,772.93	(N)	$262.00	(N)
34	$11,115.71	(N)	$262.00	(N)
35	$11,458.48	(N)	$262.00	(N)
36	$11,801.26	(N)	$262.00	(N)
37	$12,144.03	(N)	$262.00	(N)
38	$12,486.81	(N)	$262.00	(N)
39	$13,236.02	(N)	$262.00	(N)
40	$13,985.23	(N)	$262.00	(N)
41	$14,734.44	(N)	$262.00	(N)
42	$15,483.64	(N)	$262.00	(N)
43	$16,232.85	(N)	$262.00	(N)
44	$16,982.06	(N)	$262.00	(N)
45	$17,731.27	(N)	$262.00	(N)
46	$18,480.48	(N)	$262.00	(N)
47	$19,229.69	(N)	$262.00	(N)
48	$19,978.90	(N)	$262.00	(N)
49	$20,728.10	(N)	$262.00	(N)
50	$21,477.31	(N)	$262.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs)

(a) Per Intraswitch ETS EVC

Rate Band	Monthly Rate 2 Mbps		5 Mbps		10 Mbps		20 Mbps		Nonrecurring Charge - All	
1	$0.00		$0.00		$0.00		$0.00		$205.00	
2	$0.00		$0.00		$0.00		$0.00		$205.00	
3	$0.00		$0.00		$0.00		$0.00		$205.00	
4	$0.00		$0.00		$0.00		$0.00		$205.00	
5	$0.00		$0.00		$0.00		$0.00		$205.00	
6	$0.00		$0.00		$0.00		$0.00		$205.00	
7	$0.00		$0.00		$0.00		$0.00		$205.00	
8	$0.00		$0.00		$0.00		$0.00		$205.00	
9	$0.00		$0.00		$0.00		$0.00		$205.00	
10	$0.00		$0.00		$0.00		$0.00		$205.00	
11	$0.00		$0.00		$0.00		$0.00		$205.00	
12	$0.00		$0.00		$0.00		$0.00		$205.00	
13	$0.00		$0.00		$0.00		$0.00		$205.00	
14	$0.00		$0.00		$0.00		$0.00		$205.00	
15	$0.00		$0.00		$0.00		$0.00		$205.00	
16	$0.00		$0.00		$0.00		$0.00		$205.00	
17	$0.00		$0.00		$0.00		$0.00		$205.00	
18	$0.00		$0.00		$0.00		$0.00		$205.00	
19	$0.00		$0.00		$0.00		$0.00		$205.00	
20	$0.00		$0.00		$0.00		$0.00		$205.00	
21	$0.00		$0.00		$0.00		$0.00		$205.00	
22	$0.00		$0.00		$0.00		$0.00		$205.00	
23	$0.00		$0.00		$0.00		$0.00		$205.00	
24	$0.00		$0.00		$0.00		$0.00		$205.00	
25	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
26	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
27	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
28	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
29	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
30	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
31	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
32	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
33	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
34	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
35	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
36	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
37	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
38	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
39	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
40	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
41	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
42	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
43	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
44	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
45	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
46	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
47	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
48	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
49	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
50	$0.00	(N)	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

(a) Per Intraswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time CoS		Real Time Cos/QoS	
1	$0.04	(R)	$0.08	(R)
2	$0.08	(R)	$0.16	(R)
3	$0.12	(R)	$0.24	(R)
4	$0.15	(R)	$0.32	(R)
5	$0.22	(R)	$0.45	(R)
6	$0.28	(R)	$0.58	(R)
7	$0.34	(R)	$0.71	(R)
8	$0.41	(R)	$0.84	(R)
9	$0.47	(R)	$0.97	(R)
10	$0.53	(R)	$1.10	(R)
11	$0.60	(R)	$1.23	(R)
12	$0.66	(R)	$1.36	(R)
13	$0.72	(R)	$1.49	(R)
14	$0.79	(R)	$1.62	(R)
15	$0.85	(R)	$1.75	(R)
16	$0.91	(R)	$1.88	(R)
17	$0.98	(R)	$2.01	(R)
18	$1.04	(R)	$2.14	(R)
19	$1.11	(R)	$2.27	(R)
20	$1.17	(R)	$2.40	(R)
21	$1.23	(R)	$2.53	(R)
22	$1.30	(R)	$2.66	(R)
23	$1.36	(R)	$2.79	(R)
24	$1.42	(R)	$2.92	(R)
25	$1.49	(N)	$3.05	(N)
26	$1.55	(N)	$3.18	(N)
27	$1.61	(N)	$3.31	(N)
28	$1.68	(N)	$3.44	(N)
29	$1.74	(N)	$3.57	(N)
30	$1.80	(N)	$3.70	(N)
31	$1.87	(N)	$3.83	(N)
32	$1.93	(N)	$3.96	(N)
33	$1.99	(N)	$4.09	(N)
34	$2.06	(N)	$4.22	(N)
35	$2.12	(N)	$4.35	(N)
36	$2.18	(N)	$4.48	(N)
37	$2.25	(N)	$4.61	(N)
38	$2.31	(N)	$4.74	(N)
39	$2.45	(N)	$5.02	(N)
40	$2.59	(N)	$5.31	(N)
41	$2.73	(N)	$5.59	(N)
42	$2.86	(N)	$5.88	(N)
43	$3.00	(N)	$6.16	(N)
44	$3.14	(N)	$6.45	(N)
45	$3.28	(N)	$6.73	(N)
46	$3.42	(N)	$7.02	(N)
47	$3.56	(N)	$7.30	(N)
48	$3.70	(N)	$7.58	(N)
49	$3.83	(N)	$7.87	(N)
50	$3.97	(N)	$8.15	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

(a) Per Intraswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 50 Mbps		100 Mbps		250 Mbps		Nonrecurring Charge - All	
1	$0.00		$0.00		$0.00		$205.00	
2	$0.00		$0.00		$0.00		$205.00	
3	$0.00		$0.00		$0.00		$205.00	
4	$0.00		$0.00		$0.00		$205.00	
5	$0.00		$0.00		$0.00		$205.00	
6	$0.00		$0.00		$0.00		$205.00	
7	$0.00		$0.00		$0.00		$205.00	
8	$0.00		$0.00		$0.00		$205.00	
9	$0.00		$0.00		$0.00		$205.00	
10	$0.00		$0.00		$0.00		$205.00	
11	$0.00		$0.00		$0.00		$205.00	
12	$0.00		$0.00		$0.00		$205.00	
13	$0.00		$0.00		$0.00		$205.00	
14	$0.00		$0.00		$0.00		$205.00	
15	$0.00		$0.00		$0.00		$205.00	
16	$0.00		$0.00		$0.00		$205.00	
17	$0.00		$0.00		$0.00		$205.00	
18	$0.00		$0.00		$0.00		$205.00	
19	$0.00		$0.00		$0.00		$205.00	
20	$0.00		$0.00		$0.00		$205.00	
21	$0.00		$0.00		$0.00		$205.00	
22	$0.00		$0.00		$0.00		$205.00	
23	$0.00		$0.00		$0.00		$205.00	
24	$0.00		$0.00		$0.00		$205.00	
25	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
26	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
27	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
28	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
29	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
30	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
31	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
32	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
33	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
34	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
35	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
36	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
37	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
38	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
39	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
40	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
41	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
42	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
43	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
44	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
45	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
46	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
47	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
48	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
49	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)
50	$0.00	(N)	$0.00	(N)	$0.00	(N)	$205.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

(a) Per Intraswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time CoS		Real Time Cos/QoS	
1	$0.02	(R)	$0.04	(R)
2	$0.04	(R)	$0.09	(R)
3	$0.07	(R)	$0.13	(R)
4	$0.09	(R)	$0.17	(R)
5	$0.12	(R)	$0.24	(R)
6	$0.16	(R)	$0.31	(R)
7	$0.20	(R)	$0.38	(R)
8	$0.23	(R)	$0.46	(R)
9	$0.27	(R)	$0.53	(R)
10	$0.31	(R)	$0.60	(R)
11	$0.34	(R)	$0.67	(R)
12	$0.38	(R)	$0.74	(R)
13	$0.41	(R)	$0.81	(R)
14	$0.45	(R)	$0.88	(R)
15	$0.49	(R)	$0.95	(R)
16	$0.52	(R)	$1.02	(R)
17	$0.56	(R)	$1.09	(R)
18	$0.60	(R)	$1.16	(R)
19	$0.63	(R)	$1.23	(R)
20	$0.67	(R)	$1.31	(R)
21	$0.70	(R)	$1.38	(R)
22	$0.74	(R)	$1.45	(R)
23	$0.78	(R)	$1.52	(R)
24	$0.81	(R)	$1.59	(R)
25	$0.85	(N)	$1.66	(N)
26	$0.89	(N)	$1.73	(N)
27	$0.92	(N)	$1.80	(N)
28	$0.96	(N)	$1.87	(N)
29	$0.99	(N)	$1.94	(N)
30	$1.03	(N)	$2.01	(N)
31	$1.07	(N)	$2.08	(N)
32	$1.10	(N)	$2.16	(N)
33	$1.14	(N)	$2.23	(N)
34	$1.18	(N)	$2.30	(N)
35	$1.21	(N)	$2.37	(N)
36	$1.25	(N)	$2.44	(N)
37	$1.28	(N)	$2.51	(N)
38	$1.32	(N)	$2.58	(N)
39	$1.40	(N)	$2.73	(N)
40	$1.48	(N)	$2.89	(N)
41	$1.56	(N)	$3.04	(N)
42	$1.64	(N)	$3.20	(N)
43	$1.72	(N)	$3.35	(N)
44	$1.80	(N)	$3.51	(N)
45	$1.87	(N)	$3.66	(N)
46	$1.95	(N)	$3.82	(N)
47	$2.03	(N)	$3.97	(N)
48	$2.11	(N)	$4.13	(N)
49	$2.19	(N)	$4.28	(N)
50	$2.27	(N)	$4.44	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

(a) Per Intraswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 500 Mbps		750 Mbps		1 Gbps		Nonrecurring Charge - All	
1	$0.00		$0.00		$0.00		$307.00	
2	$0.00		$0.00		$0.00		$307.00	
3	$0.00		$0.00		$0.00		$307.00	
4	$0.00		$0.00		$0.00		$307.00	
5	$0.00		$0.00		$0.00		$307.00	
6	$0.00		$0.00		$0.00		$307.00	
7	$0.00		$0.00		$0.00		$307.00	
8	$0.00		$0.00		$0.00		$307.00	
9	$0.00		$0.00		$0.00		$307.00	
10	$0.00		$0.00		$0.00		$307.00	
11	$0.00		$0.00		$0.00		$307.00	
12	$0.00		$0.00		$0.00		$307.00	
13	$0.00		$0.00		$0.00		$307.00	
14	$0.00		$0.00		$0.00		$307.00	
15	$0.00		$0.00		$0.00		$307.00	
16	$0.00		$0.00		$0.00		$307.00	
17	$0.00		$0.00		$0.00		$307.00	
18	$0.00		$0.00		$0.00		$307.00	
19	$0.00		$0.00		$0.00		$307.00	
20	$0.00		$0.00		$0.00		$307.00	
21	$0.00		$0.00		$0.00		$307.00	
22	$0.00		$0.00		$0.00		$307.00	
23	$0.00		$0.00		$0.00		$307.00	
24	$0.00		$0.00		$0.00		$307.00	
25	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
26	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
27	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
28	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
29	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
30	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
31	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
32	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
33	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
34	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
35	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
36	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
37	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
38	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
39	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
40	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
41	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
42	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
43	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
44	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
45	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
46	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
47	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
48	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
49	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
50	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

(a) Per Intraswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time CoS		Real Time CoS/QoS	
1	$0.01	(R)	$0.02	(R)
2	$0.03	(R)	$0.05	(R)
3	$0.04	(R)	$0.07	(R)
4	$0.05	(R)	$0.10	(R)
5	$0.07	(R)	$0.14	(R)
6	$0.09	(R)	$0.18	(R)
7	$0.11	(R)	$0.22	(R)
8	$0.13	(R)	$0.26	(R)
9	$0.15	(R)	$0.30	(R)
10	$0.17	(R)	$0.34	(R)
11	$0.19	(R)	$0.38	(R)
12	$0.21	(R)	$0.42	(R)
13	$0.24	(R)	$0.46	(R)
14	$0.26	(R)	$0.50	(R)
15	$0.28	(R)	$0.54	(R)
16	$0.30	(R)	$0.58	(R)
17	$0.32	(R)	$0.62	(R)
18	$0.34	(R)	$0.66	(R)
19	$0.36	(R)	$0.70	(R)
20	$0.38	(R)	$0.74	(R)
21	$0.40	(R)	$0.78	(R)
22	$0.42	(R)	$0.82	(R)
23	$0.44	(R)	$0.86	(R)
24	$0.46	(R)	$0.91	(R)
25	$0.48	(N)	$0.95	(N)
26	$0.50	(N)	$0.99	(N)
27	$0.52	(N)	$1.03	(N)
28	$0.54	(N)	$1.07	(N)
29	$0.56	(N)	$1.11	(N)
30	$0.59	(N)	$1.15	(N)
31	$0.61	(N)	$1.19	(N)
32	$0.63	(N)	$1.23	(N)
33	$0.65	(N)	$1.27	(N)
34	$0.67	(N)	$1.31	(N)
35	$0.69	(N)	$1.35	(N)
36	$0.71	(N)	$1.39	(N)
37	$0.73	(N)	$1.43	(N)
38	$0.75	(N)	$1.47	(N)
39	$0.80	(N)	$1.56	(N)
40	$0.84	(N)	$1.65	(N)
41	$0.89	(N)	$1.73	(N)
42	$0.93	(N)	$1.82	(N)
43	$0.98	(N)	$1.91	(N)
44	$1.02	(N)	$2.00	(N)
45	$1.07	(N)	$2.09	(N)
46	$1.11	(N)	$2.18	(N)
47	$1.16	(N)	$2.26	(N)
48	$1.20	(N)	$2.35	(N)
49	$1.25	(N)	$2.44	(N)
50	$1.29	(N)	$2.53	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

(a) Per Intraswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 2.5 Gbps		5 Gbps		10 Gbps		Nonrecurring Charge - All	
1	$0.00		$0.00		$0.00		$307.00	
2	$0.00		$0.00		$0.00		$307.00	
3	$0.00		$0.00		$0.00		$307.00	
4	$0.00		$0.00		$0.00		$307.00	
5	$0.00		$0.00		$0.00		$307.00	
6	$0.00		$0.00		$0.00		$307.00	
7	$0.00		$0.00		$0.00		$307.00	
8	$0.00		$0.00		$0.00		$307.00	
9	$0.00		$0.00		$0.00		$307.00	
10	$0.00		$0.00		$0.00		$307.00	
11	$0.00		$0.00		$0.00		$307.00	
12	$0.00		$0.00		$0.00		$307.00	
13	$0.00		$0.00		$0.00		$307.00	
14	$0.00		$0.00		$0.00		$307.00	
15	$0.00		$0.00		$0.00		$307.00	
16	$0.00		$0.00		$0.00		$307.00	
17	$0.00		$0.00		$0.00		$307.00	
18	$0.00		$0.00		$0.00		$307.00	
19	$0.00		$0.00		$0.00		$307.00	
20	$0.00		$0.00		$0.00		$307.00	
21	$0.00		$0.00		$0.00		$307.00	
22	$0.00		$0.00		$0.00		$307.00	
23	$0.00		$0.00		$0.00		$307.00	
24	$0.00		$0.00		$0.00		$307.00	
25	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
26	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
27	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
28	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
29	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
30	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
31	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
32	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
33	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
34	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
35	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
36	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
37	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
38	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
39	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
40	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
41	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
42	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
43	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
44	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
45	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
46	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
47	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
48	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
49	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)
50	$0.00	(N)	$0.00	(N)	$0.00	(N)	$307.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

(a) Per Intraswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 2.5 Gbps to 10 Gbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time CoS		Real Time CoS/QoS	
1	$0.01	(R)	$0.02	(R)
2	$0.02	(R)	$0.03	(R)
3	$0.03	(R)	$0.05	(R)
4	$0.03	(R)	$0.07	(R)
5	$0.05	(R)	$0.10	(R)
6	$0.06	(R)	$0.13	(R)
7	$0.08	(R)	$0.16	(R)
8	$0.09	(R)	$0.19	(R)
9	$0.10	(R)	$0.21	(R)
10	$0.12	(R)	$0.24	(R)
11	$0.13	(R)	$0.27	(R)
12	$0.15	(R)	$0.30	(R)
13	$0.16	(R)	$0.33	(R)
14	$0.17	(R)	$0.36	(R)
15	$0.19	(R)	$0.39	(R)
16	$0.20	(R)	$0.42	(R)
17	$0.22	(R)	$0.44	(R)
18	$0.23	(R)	$0.47	(R)
19	$0.24	(R)	$0.50	(R)
20	$0.26	(R)	$0.53	(R)
21	$0.27	(R)	$0.56	(R)
22	$0.29	(R)	$0.59	(R)
23	$0.30	(R)	$0.62	(R)
24	$0.31	(R)	$0.65	(R)
25	$0.33	(N)	$0.68	(N)
26	$0.34	(N)	$0.70	(N)
27	$0.36	(N)	$0.73	(N)
28	$0.37	(N)	$0.76	(N)
29	$0.38	(N)	$0.79	(N)
30	$0.40	(N)	$0.82	(N)
31	$0.41	(N)	$0.85	(N)
32	$0.43	(N)	$0.88	(N)
33	$0.44	(N)	$0.91	(N)
34	$0.45	(N)	$0.93	(N)
35	$0.47	(N)	$0.96	(N)
36	$0.48	(N)	$0.99	(N)
37	$0.50	(N)	$1.02	(N)
38	$0.51	(N)	$1.05	(N)
39	$0.54	(N)	$1.11	(N)
40	$0.57	(N)	$1.18	(N)
41	$0.60	(N)	$1.24	(N)
42	$0.63	(N)	$1.30	(N)
43	$0.66	(N)	$1.37	(N)
44	$0.69	(N)	$1.43	(N)
45	$0.72	(N)	$1.49	(N)
46	$0.75	(N)	$1.55	(N)
47	$0.79	(N)	$1.62	(N)
48	$0.82	(N)	$1.68	(N)
49	$0.85	(N)	$1.74	(N)
50	$0.88	(N)	$1.81	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

(b) Per Interswitch ETS EVC

Rate Band	Monthly Rate 2 Mbps		5 Mbps		10 Mbps		20 Mbps		Nonrecurring Charge - All	
1	$2.74	(R)	$3.70	(R)	$6.94	(R)	$13.87	(R)	$205.00	
2	$5.47	(R)	$7.40	(R)	$13.87	(R)	$27.75	(R)	$205.00	
3	$8.21	(R)	$11.10	(R)	$20.81	(R)	$41.62	(R)	$205.00	
4	$10.95	(R)	$14.80	(R)	$27.75	(R)	$55.50	(R)	$205.00	
5	$15.45	(R)	$20.89	(R)	$39.17	(R)	$78.35	(R)	$205.00	
6	$19.96	(R)	$26.98	(R)	$50.60	(R)	$101.20	(R)	$205.00	
7	$24.47	(R)	$33.08	(R)	$62.02	(R)	$124.05	(R)	$205.00	
8	$28.97	(R)	$39.17	(R)	$73.45	(R)	$146.90	(R)	$205.00	
9	$33.48	(R)	$45.26	(R)	$84.87	(R)	$169.75	(R)	$205.00	
10	$37.99	(R)	$51.36	(R)	$96.29	(R)	$192.60	(R)	$205.00	
11	$42.50	(R)	$57.45	(R)	$107.72	(R)	$215.46	(R)	$205.00	
12	$47.00	(R)	$63.54	(R)	$119.14	(R)	$238.31	(R)	$205.00	
13	$51.51	(R)	$69.64	(R)	$130.57	(R)	$261.16	(R)	$205.00	
14	$56.02	(R)	$75.73	(R)	$141.99	(R)	$284.01	(R)	$205.00	
15	$60.52	(R)	$81.82	(R)	$153.42	(R)	$306.86	(R)	$205.00	
16	$65.03	(R)	$87.92	(R)	$164.84	(R)	$329.71	(R)	$205.00	
17	$69.54	(R)	$94.01	(R)	$176.27	(R)	$352.56	(R)	$205.00	
18	$74.05	(R)	$100.10	(R)	$187.69	(R)	$375.41	(R)	$205.00	
19	$78.55	(R)	$106.20	(R)	$199.12	(R)	$398.27	(R)	$205.00	
20	$83.06	(R)	$112.29	(R)	$210.54	(R)	$421.12	(R)	$205.00	
21	$87.57	(R)	$118.38	(R)	$221.97	(R)	$443.97	(R)	$205.00	
22	$92.08	(R)	$124.48	(R)	$233.39	(R)	$466.82	(R)	$205.00	
23	$96.58	(R)	$130.57	(R)	$244.82	(R)	$489.67	(R)	$205.00	
24	$101.09	(R)	$136.66	(R)	$256.24	(R)	$512.52	(R)	$205.00	
25	$105.60	(N)	$142.76	(N)	$267.67	(N)	$535.37	(N)	$205.00	(N)
26	$110.10	(N)	$148.85	(N)	$279.09	(N)	$558.22	(N)	$205.00	(N)
27	$114.61	(N)	$154.94	(N)	$290.52	(N)	$581.08	(N)	$205.00	(N)
28	$119.12	(N)	$161.04	(N)	$301.94	(N)	$603.93	(N)	$205.00	(N)
29	$123.63	(N)	$167.13	(N)	$313.37	(N)	$626.78	(N)	$205.00	(N)
30	$128.13	(N)	$173.22	(N)	$324.79	(N)	$649.63	(N)	$205.00	(N)
31	$132.64	(N)	$179.32	(N)	$336.22	(N)	$672.48	(N)	$205.00	(N)
32	$137.15	(N)	$185.41	(N)	$347.64	(N)	$695.33	(N)	$205.00	(N)
33	$141.65	(N)	$191.50	(N)	$359.07	(N)	$718.18	(N)	$205.00	(N)
34	$146.16	(N)	$197.60	(N)	$370.49	(N)	$741.03	(N)	$205.00	(N)
35	$150.67	(N)	$203.69	(N)	$381.92	(N)	$763.89	(N)	$205.00	(N)
36	$155.18	(N)	$209.78	(N)	$393.34	(N)	$786.74	(N)	$205.00	(N)
37	$159.68	(N)	$215.88	(N)	$404.77	(N)	$809.59	(N)	$205.00	(N)
38	$164.19	(N)	$221.97	(N)	$416.19	(N)	$832.44	(N)	$205.00	(N)
39	$174.04	(N)	$235.29	(N)	$441.16	(N)	$882.39	(N)	$205.00	(N)
40	$183.89	(N)	$248.61	(N)	$466.13	(N)	$932.33	(N)	$205.00	(N)
41	$193.74	(N)	$261.92	(N)	$491.10	(N)	$982.28	(N)	$205.00	(N)
42	$203.60	(N)	$275.24	(N)	$516.08	(N)	$1,032.23	(N)	$205.00	(N)
43	$213.45	(N)	$288.56	(N)	$541.05	(N)	$1,082.17	(N)	$205.00	(N)
44	$223.30	(N)	$301.88	(N)	$566.02	(N)	$1,132.12	(N)	$205.00	(N)
45	$233.15	(N)	$315.20	(N)	$590.99	(N)	$1,182.06	(N)	$205.00	(N)
46	$243.00	(N)	$328.52	(N)	$615.96	(N)	$1,232.01	(N)	$205.00	(N)
47	$252.85	(N)	$341.83	(N)	$640.93	(N)	$1,281.96	(N)	$205.00	(N)
48	$262.70	(N)	$355.15	(N)	$665.90	(N)	$1,331.90	(N)	$205.00	(N)
49	$272.56	(N)	$368.47	(N)	$690.88	(N)	$1,381.85	(N)	$205.00	(N)
50	$282.41	(N)	$381.79	(N)	$715.85	(N)	$1,431.80	(N)	$205.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

(b) Per Interswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time CoS		Real Time CoS/QoS	
1	$0.13	(R)	$0.26	(R)
2	$0.26	(R)	$0.52	(R)
3	$0.39	(R)	$0.78	(R)
4	$0.52	(R)	$1.05	(R)
5	$0.73	(R)	$1.48	(R)
6	$0.95	(R)	$1.91	(R)
7	$1.16	(R)	$2.34	(R)
8	$1.38	(R)	$2.77	(R)
9	$1.59	(R)	$3.20	(R)
10	$1.80	(R)	$3.63	(R)
11	$2.02	(R)	$4.06	(R)
12	$2.23	(R)	$4.49	(R)
13	$2.45	(R)	$4.92	(R)
14	$2.66	(R)	$5.35	(R)
15	$2.88	(R)	$5.78	(R)
16	$3.09	(R)	$6.21	(R)
17	$3.30	(R)	$6.65	(R)
18	$3.52	(R)	$7.08	(R)
19	$3.73	(R)	$7.51	(R)
20	$3.95	(R)	$7.94	(R)
21	$4.16	(R)	$8.37	(R)
22	$4.37	(R)	$8.80	(R)
23	$4.59	(R)	$9.23	(R)
24	$4.80	(R)	$9.66	(R)
25	$5.02	(N)	$10.09	(N)
26	$5.23	(N)	$10.52	(N)
27	$5.44	(N)	$10.95	(N)
28	$5.66	(N)	$11.38	(N)
29	$5.87	(N)	$11.81	(N)
30	$6.09	(N)	$12.24	(N)
31	$6.30	(N)	$12.68	(N)
32	$6.52	(N)	$13.11	(N)
33	$6.73	(N)	$13.54	(N)
34	$6.94	(N)	$13.97	(N)
35	$7.16	(N)	$14.40	(N)
36	$7.37	(N)	$14.83	(N)
37	$7.59	(N)	$15.26	(N)
38	$7.80	(N)	$15.69	(N)
39	$8.27	(N)	$16.63	(N)
40	$8.74	(N)	$17.57	(N)
41	$9.20	(N)	$18.51	(N)
42	$9.67	(N)	$19.46	(N)
43	$10.14	(N)	$20.40	(N)
44	$10.61	(N)	$21.34	(N)
45	$11.08	(N)	$22.28	(N)
46	$11.54	(N)	$23.22	(N)
47	$12.01	(N)	$24.16	(N)
48	$12.48	(N)	$25.10	(N)
49	$12.95	(N)	$26.05	(N)
50	$13.42	(N)	$26.99	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

(b) Per Interswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 50 Mbps		100 Mbps		250 Mbps		Nonrecurring Charge - All	
1	$18.72	(R)	$29.85	(R)	$61.51	(R)	$205.00	
2	$37.43	(R)	$59.71	(R)	$123.02	(R)	$205.00	
3	$56.15	(R)	$89.57	(R)	$184.53	(R)	$205.00	
4	$74.86	(R)	$119.42	(R)	$246.04	(R)	$205.00	
5	$105.69	(R)	$168.59	(R)	$347.35	(R)	$205.00	
6	$136.51	(R)	$217.77	(R)	$448.66	(R)	$205.00	
7	$167.34	(R)	$266.94	(R)	$549.97	(R)	$205.00	
8	$198.16	(R)	$316.11	(R)	$651.28	(R)	$205.00	
9	$228.99	(R)	$365.28	(R)	$752.59	(R)	$205.00	
10	$259.82	(R)	$414.46	(R)	$853.90	(R)	$205.00	
11	$290.64	(R)	$463.63	(R)	$955.21	(R)	$205.00	
12	$321.47	(R)	$512.80	(R)	$1,056.52	(R)	$205.00	
13	$352.29	(R)	$561.98	(R)	$1,157.83	(R)	$205.00	
14	$383.12	(R)	$611.15	(R)	$1,259.14	(R)	$205.00	
15	$413.94	(R)	$660.32	(R)	$1,360.45	(R)	$205.00	
16	$444.77	(R)	$709.50	(R)	$1,461.76	(R)	$205.00	
17	$475.59	(R)	$758.67	(R)	$1,563.06	(R)	$205.00	
18	$506.42	(R)	$807.84	(R)	$1,664.37	(R)	$205.00	
19	$537.24	(R)	$857.01	(R)	$1,765.68	(R)	$205.00	
20	$568.07	(R)	$906.19	(R)	$1,866.99	(R)	$205.00	
21	$598.90	(R)	$955.36	(R)	$1,968.30	(R)	$205.00	
22	$629.72	(R)	$1,004.53	(R)	$2,069.61	(R)	$205.00	
23	$660.55	(R)	$1,053.71	(R)	$2,170.92	(R)	$205.00	
24	$691.37	(R)	$1,102.88	(R)	$2,272.23	(R)	$205.00	
25	$722.20	(N)	$1,152.05	(N)	$2,373.54	(N)	$205.00	(N)
26	$753.02	(N)	$1,201.22	(N)	$2,474.85	(N)	$205.00	(N)
27	$783.85	(N)	$1,250.40	(N)	$2,576.16	(N)	$205.00	(N)
28	$814.67	(N)	$1,299.57	(N)	$2,677.47	(N)	$205.00	(N)
29	$845.50	(N)	$1,348.74	(N)	$2,778.78	(N)	$205.00	(N)
30	$876.33	(N)	$1,397.92	(N)	$2,880.09	(N)	$205.00	(N)
31	$907.15	(N)	$1,447.09	(N)	$2,981.40	(N)	$205.00	(N)
32	$937.98	(N)	$1,496.26	(N)	$3,082.71	(N)	$205.00	(N)
33	$968.80	(N)	$1,545.44	(N)	$3,184.02	(N)	$205.00	(N)
34	$999.63	(N)	$1,594.61	(N)	$3,285.33	(N)	$205.00	(N)
35	$1,030.45	(N)	$1,643.78	(N)	$3,386.64	(N)	$205.00	(N)
36	$1,061.28	(N)	$1,692.95	(N)	$3,487.95	(N)	$205.00	(N)
37	$1,092.10	(N)	$1,742.13	(N)	$3,589.26	(N)	$205.00	(N)
38	$1,122.93	(N)	$1,791.30	(N)	$3,690.57	(N)	$205.00	(N)
39	$1,190.31	(N)	$1,898.78	(N)	$3,912.00	(N)	$205.00	(N)
40	$1,257.68	(N)	$2,006.26	(N)	$4,133.44	(N)	$205.00	(N)
41	$1,325.06	(N)	$2,113.73	(N)	$4,354.87	(N)	$205.00	(N)
42	$1,392.43	(N)	$2,221.21	(N)	$4,576.31	(N)	$205.00	(N)
43	$1,459.81	(N)	$2,328.69	(N)	$4,797.74	(N)	$205.00	(N)
44	$1,527.18	(N)	$2,436.17	(N)	$5,019.18	(N)	$205.00	(N)
45	$1,594.56	(N)	$2,543.65	(N)	$5,240.61	(N)	$205.00	(N)
46	$1,661.94	(N)	$2,651.12	(N)	$5,462.04	(N)	$205.00	(N)
47	$1,729.31	(N)	$2,758.60	(N)	$5,683.48	(N)	$205.00	(N)
48	$1,796.69	(N)	$2,866.08	(N)	$5,904.91	(N)	$205.00	(N)
49	$1,864.06	(N)	$2,973.56	(N)	$6,126.35	(N)	$205.00	(N)
50	$1,931.44	(N)	$3,081.04	(N)	$6,347.78	(N)	$205.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

(b) Per Interswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time CoS		Real Time CoS/QoS	
1	$0.08	(R)	$0.16	(R)
2	$0.16	(R)	$0.31	(R)
3	$0.24	(R)	$0.47	(R)
4	$0.31	(R)	$0.63	(R)
5	$0.44	(R)	$0.89	(R)
6	$0.57	(R)	$1.15	(R)
7	$0.70	(R)	$1.40	(R)
8	$0.83	(R)	$1.66	(R)
9	$0.96	(R)	$1.92	(R)
10	$1.09	(R)	$2.18	(R)
11	$1.22	(R)	$2.44	(R)
12	$1.35	(R)	$2.70	(R)
13	$1.48	(R)	$2.96	(R)
14	$1.61	(R)	$3.21	(R)
15	$1.74	(R)	$3.47	(R)
16	$1.87	(R)	$3.73	(R)
17	$1.99	(R)	$3.99	(R)
18	$2.12	(R)	$4.25	(R)
19	$2.25	(R)	$4.51	(R)
20	$2.38	(R)	$4.77	(R)
21	$2.51	(R)	$5.02	(R)
22	$2.64	(R)	$5.28	(R)
23	$2.77	(R)	$5.54	(R)
24	$2.90	(R)	$5.80	(R)
25	$3.03	(N)	$6.06	(N)
26	$3.16	(N)	$6.32	(N)
27	$3.29	(N)	$6.58	(N)
28	$3.42	(N)	$6.83	(N)
29	$3.55	(N)	$7.09	(N)
30	$3.68	(N)	$7.35	(N)
31	$3.80	(N)	$7.61	(N)
32	$3.93	(N)	$7.87	(N)
33	$4.06	(N)	$8.13	(N)
34	$4.19	(N)	$8.39	(N)
35	$4.32	(N)	$8.64	(N)
36	$4.45	(N)	$8.90	(N)
37	$4.58	(N)	$9.16	(N)
38	$4.71	(N)	$9.42	(N)
39	$4.99	(N)	$9.99	(N)
40	$5.28	(N)	$10.55	(N)
41	$5.56	(N)	$11.12	(N)
42	$5.84	(N)	$11.68	(N)
43	$6.12	(N)	$12.25	(N)
44	$6.41	(N)	$12.81	(N)
45	$6.69	(N)	$13.38	(N)
46	$6.97	(N)	$13.94	(N)
47	$7.25	(N)	$14.51	(N)
48	$7.54	(N)	$15.07	(N)
49	$7.82	(N)	$15.64	(N)
50	$8.10	(N)	$16.20	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

(b) Per Interswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 500 Mbps		750 Mbps		1 Gbps		Nonrecurring Charge - All	
1	$102.49	(R)	$136.20	(R)	$178.24	(R)	$307.00	
2	$204.98	(R)	$272.40	(R)	$356.48	(R)	$307.00	
3	$307.47	(R)	$408.60	(R)	$534.72	(R)	$307.00	
4	$409.95	(R)	$544.80	(R)	$712.96	(R)	$307.00	
5	$578.76	(R)	$769.13	(R)	$1,006.54	(R)	$307.00	
6	$747.56	(R)	$993.46	(R)	$1,300.11	(R)	$307.00	
7	$916.37	(R)	$1,217.78	(R)	$1,593.68	(R)	$307.00	
8	$1,085.17	(R)	$1,442.11	(R)	$1,887.26	(R)	$307.00	
9	$1,253.98	(R)	$1,666.44	(R)	$2,180.83	(R)	$307.00	
10	$1,422.78	(R)	$1,890.77	(R)	$2,474.40	(R)	$307.00	
11	$1,591.59	(R)	$2,115.10	(R)	$2,767.98	(R)	$307.00	
12	$1,760.39	(R)	$2,339.43	(R)	$3,061.55	(R)	$307.00	
13	$1,929.20	(R)	$2,563.76	(R)	$3,355.12	(R)	$307.00	
14	$2,098.00	(R)	$2,788.08	(R)	$3,648.70	(R)	$307.00	
15	$2,266.80	(R)	$3,012.41	(R)	$3,942.27	(R)	$307.00	
16	$2,435.61	(R)	$3,236.74	(R)	$4,235.84	(R)	$307.00	
17	$2,604.41	(R)	$3,461.07	(R)	$4,529.42	(R)	$307.00	
18	$2,773.22	(R)	$3,685.40	(R)	$4,822.99	(R)	$307.00	
19	$2,942.02	(R)	$3,909.73	(R)	$5,116.57	(R)	$307.00	
20	$3,110.83	(R)	$4,134.06	(R)	$5,410.14	(R)	$307.00	
21	$3,279.63	(R)	$4,358.38	(R)	$5,703.71	(R)	$307.00	
22	$3,448.44	(R)	$4,582.71	(R)	$5,997.29	(R)	$307.00	
23	$3,617.24	(R)	$4,807.04	(R)	$6,290.86	(R)	$307.00	
24	$3,786.05	(R)	$5,031.37	(R)	$6,584.43	(R)	$307.00	
25	$3,954.85	(N)	$5,255.70	(N)	$6,878.01	(N)	$307.00	(N)
26	$4,123.65	(N)	$5,480.03	(N)	$7,171.58	(N)	$307.00	(N)
27	$4,292.46	(N)	$5,704.36	(N)	$7,465.15	(N)	$307.00	(N)
28	$4,461.26	(N)	$5,928.68	(N)	$7,758.73	(N)	$307.00	(N)
29	$4,630.07	(N)	$6,153.01	(N)	$8,052.30	(N)	$307.00	(N)
30	$4,798.87	(N)	$6,377.34	(N)	$8,345.87	(N)	$307.00	(N)
31	$4,967.68	(N)	$6,601.67	(N)	$8,639.45	(N)	$307.00	(N)
32	$5,136.48	(N)	$6,826.00	(N)	$8,933.02	(N)	$307.00	(N)
33	$5,305.29	(N)	$7,050.33	(N)	$9,226.59	(N)	$307.00	(N)
34	$5,474.09	(N)	$7,274.66	(N)	$9,520.17	(N)	$307.00	(N)
35	$5,642.90	(N)	$7,498.98	(N)	$9,813.74	(N)	$307.00	(N)
36	$5,811.70	(N)	$7,723.31	(N)	$10,107.31	(N)	$307.00	(N)
37	$5,980.51	(N)	$7,947.64	(N)	$10,400.89	(N)	$307.00	(N)
38	$6,149.31	(N)	$8,171.97	(N)	$10,694.46	(N)	$307.00	(N)
39	$6,518.27	(N)	$8,662.29	(N)	$11,336.13	(N)	$307.00	(N)
40	$6,887.23	(N)	$9,152.61	(N)	$11,977.80	(N)	$307.00	(N)
41	$7,256.19	(N)	$9,642.92	(N)	$12,619.46	(N)	$307.00	(N)
42	$7,625.14	(N)	$10,133.24	(N)	$13,261.13	(N)	$307.00	(N)
43	$7,994.10	(N)	$10,623.56	(N)	$13,902.80	(N)	$307.00	(N)
44	$8,363.06	(N)	$11,113.88	(N)	$14,544.47	(N)	$307.00	(N)
45	$8,732.02	(N)	$11,604.20	(N)	$15,186.13	(N)	$307.00	(N)
46	$9,100.98	(N)	$12,094.52	(N)	$15,827.80	(N)	$307.00	(N)
47	$9,469.94	(N)	$12,584.83	(N)	$16,469.47	(N)	$307.00	(N)
48	$9,838.90	(N)	$13,075.15	(N)	$17,111.14	(N)	$307.00	(N)
49	$10,207.85	(N)	$13,565.47	(N)	$17,752.80	(N)	$307.00	(N)
50	$10,576.81	(N)	$14,055.79	(N)	$18,394.47	(N)	$307.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

(b) Per Interswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time CoS		Real Time CoS/QoS	
1	$0.05	(R)	$0.09	(R)
2	$0.09	(R)	$0.19	(R)
3	$0.14	(R)	$0.28	(R)
4	$0.19	(R)	$0.38	(R)
5	$0.27	(R)	$0.53	(R)
6	$0.35	(R)	$0.69	(R)
7	$0.42	(R)	$0.84	(R)
8	$0.50	(R)	$1.00	(R)
9	$0.58	(R)	$1.15	(R)
10	$0.66	(R)	$1.30	(R)
11	$0.74	(R)	$1.46	(R)
12	$0.82	(R)	$1.61	(R)
13	$0.89	(R)	$1.77	(R)
14	$0.97	(R)	$1.92	(R)
15	$1.05	(R)	$2.08	(R)
16	$1.13	(R)	$2.23	(R)
17	$1.21	(R)	$2.39	(R)
18	$1.29	(R)	$2.54	(R)
19	$1.36	(R)	$2.70	(R)
20	$1.44	(R)	$2.85	(R)
21	$1.52	(R)	$3.01	(R)
22	$1.60	(R)	$3.16	(R)
23	$1.68	(R)	$3.32	(R)
24	$1.75	(R)	$3.47	(R)
25	$1.83	(N)	$3.63	(N)
26	$1.91	(N)	$3.78	(N)
27	$1.99	(N)	$3.94	(N)
28	$2.07	(N)	$4.09	(N)
29	$2.15	(N)	$4.25	(N)
30	$2.22	(N)	$4.40	(N)
31	$2.30	(N)	$4.56	(N)
32	$2.38	(N)	$4.71	(N)
33	$2.46	(N)	$4.87	(N)
34	$2.54	(N)	$5.02	(N)
35	$2.62	(N)	$5.18	(N)
36	$2.69	(N)	$5.33	(N)
37	$2.77	(N)	$5.49	(N)
38	$2.85	(N)	$5.64	(N)
39	$3.02	(N)	$5.98	(N)
40	$3.19	(N)	$6.32	(N)
41	$3.36	(N)	$6.66	(N)
42	$3.53	(N)	$6.99	(N)
43	$3.71	(N)	$7.33	(N)
44	$3.88	(N)	$7.67	(N)
45	$4.05	(N)	$8.01	(N)
46	$4.22	(N)	$8.35	(N)
47	$4.39	(N)	$8.69	(N)
48	$4.56	(N)	$9.02	(N)
49	$4.73	(N)	$9.36	(N)
50	$4.90	(N)	$9.70	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

(b) Per Interswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 2.5 Gbps		5 Gbps		10 Gbps		Nonrecurring Charge - All	
1	$343.32	(R)	$521.72	(R)	$713.63	(R)	$307.00	
2	$686.63	(R)	$1,043.45	(R)	$1,427.26	(R)	$307.00	
3	$1,029.95	(R)	$1,565.17	(R)	$2,140.89	(R)	$307.00	
4	$1,373.27	(R)	$2,086.90	(R)	$2,854.52	(R)	$307.00	
5	$1,938.73	(R)	$2,946.21	(R)	$4,029.91	(R)	$307.00	
6	$2,504.19	(R)	$3,805.52	(R)	$5,205.30	(R)	$307.00	
7	$3,069.65	(R)	$4,664.83	(R)	$6,380.69	(R)	$307.00	
8	$3,635.12	(R)	$5,524.14	(R)	$7,556.08	(R)	$307.00	
9	$4,200.58	(R)	$6,383.45	(R)	$8,731.47	(R)	$307.00	
10	$4,766.04	(R)	$7,242.76	(R)	$9,906.86	(R)	$307.00	
11	$5,331.50	(R)	$8,102.07	(R)	$11,082.25	(R)	$307.00	
12	$5,896.97	(R)	$8,961.38	(R)	$12,257.64	(R)	$307.00	
13	$6,462.43	(R)	$9,820.69	(R)	$13,433.03	(R)	$307.00	
14	$7,027.89	(R)	$10,680.00	(R)	$14,608.42	(R)	$307.00	
15	$7,593.35	(R)	$11,539.31	(R)	$15,783.81	(R)	$307.00	
16	$8,158.82	(R)	$12,398.62	(R)	$16,959.20	(R)	$307.00	
17	$8,724.28	(R)	$13,257.93	(R)	$18,134.58	(R)	$307.00	
18	$9,289.74	(R)	$14,117.24	(R)	$19,309.97	(R)	$307.00	
19	$9,855.20	(R)	$14,976.55	(R)	$20,485.36	(R)	$307.00	
20	$10,420.67	(R)	$15,835.86	(R)	$21,660.75	(R)	$307.00	
21	$10,986.13	(R)	$16,695.17	(R)	$22,836.14	(R)	$307.00	
22	$11,551.59	(R)	$17,554.48	(R)	$24,011.53	(R)	$307.00	
23	$12,117.05	(R)	$18,413.79	(R)	$25,186.92	(R)	$307.00	
24	$12,682.52	(R)	$19,273.10	(R)	$26,362.31	(R)	$307.00	
25	$13,247.98	(N)	$20,132.41	(N)	$27,537.70	(N)	$307.00	(N)
26	$13,813.44	(N)	$20,991.72	(N)	$28,713.09	(N)	$307.00	(N)
27	$14,378.90	(N)	$21,851.03	(N)	$29,888.48	(N)	$307.00	(N)
28	$14,944.37	(N)	$22,710.34	(N)	$31,063.87	(N)	$307.00	(N)
29	$15,509.83	(N)	$23,569.65	(N)	$32,239.26	(N)	$307.00	(N)
30	$16,075.29	(N)	$24,428.96	(N)	$33,414.65	(N)	$307.00	(N)
31	$16,640.75	(N)	$25,288.27	(N)	$34,590.04	(N)	$307.00	(N)
32	$17,206.22	(N)	$26,147.58	(N)	$35,765.43	(N)	$307.00	(N)
33	$17,771.68	(N)	$27,006.89	(N)	$36,940.82	(N)	$307.00	(N)
34	$18,337.14	(N)	$27,866.20	(N)	$38,116.21	(N)	$307.00	(N)
35	$18,902.60	(N)	$28,725.51	(N)	$39,291.60	(N)	$307.00	(N)
36	$19,468.07	(N)	$29,584.82	(N)	$40,466.99	(N)	$307.00	(N)
37	$20,033.53	(N)	$30,444.13	(N)	$41,642.38	(N)	$307.00	(N)
38	$20,598.99	(N)	$31,303.44	(N)	$42,817.77	(N)	$307.00	(N)
39	$21,834.93	(N)	$33,181.65	(N)	$45,386.84	(N)	$307.00	(N)
40	$23,070.87	(N)	$35,059.85	(N)	$47,955.90	(N)	$307.00	(N)
41	$24,306.81	(N)	$36,938.06	(N)	$50,524.97	(N)	$307.00	(N)
42	$25,542.75	(N)	$38,816.27	(N)	$53,094.03	(N)	$307.00	(N)
43	$26,778.69	(N)	$40,694.47	(N)	$55,663.10	(N)	$307.00	(N)
44	$28,014.63	(N)	$42,572.68	(N)	$58,232.17	(N)	$307.00	(N)
45	$29,250.57	(N)	$44,450.88	(N)	$60,801.23	(N)	$307.00	(N)
46	$30,486.51	(N)	$46,329.09	(N)	$63,370.30	(N)	$307.00	(N)
47	$31,722.44	(N)	$48,207.30	(N)	$65,939.37	(N)	$307.00	(N)
48	$32,958.38	(N)	$50,085.50	(N)	$68,508.43	(N)	$307.00	(N)
49	$34,194.32	(N)	$51,963.71	(N)	$71,077.50	(N)	$307.00	(N)
50	$35,430.26	(N)	$53,841.92	(N)	$73,646.56	(N)	$307.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

(b) Per Interswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 2.5 Gbps to 10 Gbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time CoS		Real Time CoS/QoS	
1	$0.03	(R)	$0.06	(R)
2	$0.06	(R)	$0.12	(R)
3	$0.09	(R)	$0.18	(R)
4	$0.12	(R)	$0.23	(R)
5	$0.17	(R)	$0.33	(R)
6	$0.22	(R)	$0.43	(R)
7	$0.26	(R)	$0.52	(R)
8	$0.31	(R)	$0.62	(R)
9	$0.36	(R)	$0.72	(R)
10	$0.41	(R)	$0.81	(R)
11	$0.46	(R)	$0.91	(R)
12	$0.51	(R)	$1.00	(R)
13	$0.56	(R)	$1.10	(R)
14	$0.60	(R)	$1.20	(R)
15	$0.65	(R)	$1.29	(R)
16	$0.70	(R)	$1.39	(R)
17	$0.75	(R)	$1.49	(R)
18	$0.80	(R)	$1.58	(R)
19	$0.85	(R)	$1.68	(R)
20	$0.90	(R)	$1.78	(R)
21	$0.94	(R)	$1.87	(R)
22	$0.99	(R)	$1.97	(R)
23	$1.04	(R)	$2.06	(R)
24	$1.09	(R)	$2.16	(R)
25	$1.14	(N)	$2.26	(N)
26	$1.19	(N)	$2.35	(N)
27	$1.24	(N)	$2.45	(N)
28	$1.28	(N)	$2.55	(N)
29	$1.33	(N)	$2.64	(N)
30	$1.38	(N)	$2.74	(N)
31	$1.43	(N)	$2.84	(N)
32	$1.48	(N)	$2.93	(N)
33	$1.53	(N)	$3.03	(N)
34	$1.58	(N)	$3.12	(N)
35	$1.62	(N)	$3.22	(N)
36	$1.67	(N)	$3.32	(N)
37	$1.72	(N)	$3.41	(N)
38	$1.77	(N)	$3.51	(N)
39	$1.88	(N)	$3.72	(N)
40	$1.98	(N)	$3.93	(N)
41	$2.09	(N)	$4.14	(N)
42	$2.19	(N)	$4.35	(N)
43	$2.30	(N)	$4.56	(N)
44	$2.41	(N)	$4.77	(N)
45	$2.51	(N)	$4.98	(N)
46	$2.62	(N)	$5.19	(N)
47	$2.73	(N)	$5.41	(N)
48	$2.83	(N)	$5.62	(N)
49	$2.94	(N)	$5.83	(N)
50	$3.04	(N)	$6.04	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(4) ETS Extended Ethernet Virtual Connections (E-EVCs)

Per ETS E-EVC

Rate Band	Monthly Rate 2 Mbps		5 Mbps		10 Mbps		20 Mbps		Nonrecurring Charge - All	
1	$1.82	(R)	$2.31	(R)	$4.16	(R)	$8.32	(R)	$410.00	
2	$3.65	(R)	$4.62	(R)	$8.32	(R)	$16.65	(R)	$410.00	
3	$5.47	(R)	$6.93	(R)	$12.49	(R)	$24.97	(R)	$410.00	
4	$7.30	(R)	$9.25	(R)	$16.65	(R)	$33.30	(R)	$410.00	
5	$10.30	(R)	$13.05	(R)	$23.51	(R)	$47.01	(R)	$410.00	
6	$13.30	(R)	$16.86	(R)	$30.36	(R)	$60.72	(R)	$410.00	
7	$16.31	(R)	$20.67	(R)	$37.22	(R)	$74.43	(R)	$410.00	
8	$19.31	(R)	$24.47	(R)	$44.07	(R)	$88.14	(R)	$410.00	
9	$22.32	(R)	$28.28	(R)	$50.93	(R)	$101.85	(R)	$410.00	
10	$25.32	(R)	$32.09	(R)	$57.79	(R)	$115.56	(R)	$410.00	
11	$28.33	(R)	$35.90	(R)	$64.64	(R)	$129.27	(R)	$410.00	
12	$31.33	(R)	$39.70	(R)	$71.50	(R)	$142.99	(R)	$410.00	
13	$34.33	(R)	$43.51	(R)	$78.35	(R)	$156.70	(R)	$410.00	
14	$37.34	(R)	$47.32	(R)	$85.21	(R)	$170.41	(R)	$410.00	
15	$40.34	(R)	$51.12	(R)	$92.06	(R)	$184.12	(R)	$410.00	
16	$43.35	(R)	$54.93	(R)	$98.92	(R)	$197.83	(R)	$410.00	
17	$46.35	(R)	$58.74	(R)	$105.78	(R)	$211.54	(R)	$410.00	
18	$49.36	(R)	$62.55	(R)	$112.63	(R)	$225.25	(R)	$410.00	
19	$52.36	(R)	$66.35	(R)	$119.49	(R)	$238.96	(R)	$410.00	
20	$55.36	(R)	$70.16	(R)	$126.34	(R)	$252.67	(R)	$410.00	
21	$58.37	(R)	$73.97	(R)	$133.20	(R)	$266.38	(R)	$410.00	
22	$61.37	(R)	$77.78	(R)	$140.06	(R)	$280.09	(R)	$410.00	
23	$64.38	(R)	$81.58	(R)	$146.91	(R)	$293.81	(R)	$410.00	
24	$67.38	(R)	$85.39	(R)	$153.77	(R)	$307.52	(R)	$410.00	
25	$70.38	(N)	$89.20	(N)	$160.62	(N)	$321.23	(N)	$410.00	(N)
26	$73.39	(N)	$93.00	(N)	$167.48	(N)	$334.94	(N)	$410.00	(N)
27	$76.39	(N)	$96.81	(N)	$174.34	(N)	$348.65	(N)	$410.00	(N)
28	$79.40	(N)	$100.62	(N)	$181.19	(N)	$362.36	(N)	$410.00	(N)
29	$82.40	(N)	$104.43	(N)	$188.05	(N)	$376.07	(N)	$410.00	(N)
30	$85.41	(N)	$108.23	(N)	$194.90	(N)	$389.78	(N)	$410.00	(N)
31	$88.41	(N)	$112.04	(N)	$201.76	(N)	$403.49	(N)	$410.00	(N)
32	$91.41	(N)	$115.85	(N)	$208.61	(N)	$417.20	(N)	$410.00	(N)
33	$94.42	(N)	$119.65	(N)	$215.47	(N)	$430.92	(N)	$410.00	(N)
34	$97.42	(N)	$123.46	(N)	$222.33	(N)	$444.63	(N)	$410.00	(N)
35	$100.43	(N)	$127.27	(N)	$229.18	(N)	$458.34	(N)	$410.00	(N)
36	$103.43	(N)	$131.08	(N)	$236.04	(N)	$472.05	(N)	$410.00	(N)
37	$106.44	(N)	$134.88	(N)	$242.89	(N)	$485.76	(N)	$410.00	(N)
38	$109.44	(N)	$138.69	(N)	$249.75	(N)	$499.47	(N)	$410.00	(N)
39	$116.01	(N)	$147.01	(N)	$264.74	(N)	$529.44	(N)	$410.00	(N)
40	$122.57	(N)	$155.33	(N)	$279.72	(N)	$559.41	(N)	$410.00	(N)
41	$129.14	(N)	$163.65	(N)	$294.71	(N)	$589.37	(N)	$410.00	(N)
42	$135.71	(N)	$171.98	(N)	$309.69	(N)	$619.34	(N)	$410.00	(N)
43	$142.27	(N)	$180.30	(N)	$324.68	(N)	$649.31	(N)	$410.00	(N)
44	$148.84	(N)	$188.62	(N)	$339.66	(N)	$679.28	(N)	$410.00	(N)
45	$155.40	(N)	$196.94	(N)	$354.65	(N)	$709.25	(N)	$410.00	(N)
46	$161.97	(N)	$205.26	(N)	$369.63	(N)	$739.22	(N)	$410.00	(N)
47	$168.54	(N)	$213.58	(N)	$384.62	(N)	$769.18	(N)	$410.00	(N)
48	$175.10	(N)	$221.90	(N)	$399.60	(N)	$799.15	(N)	$410.00	(N)
49	$181.67	(N)	$230.23	(N)	$414.59	(N)	$829.12	(N)	$410.00	(N)
50	$188.24	(N)	$238.55	(N)	$429.57	(N)	$859.09	(N)	$410.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(4) ETS Extended Ethernet Virtual Connections (E-EVCs) (Cont'd)

Per ETS E-EVC (Cont'd)

Rate Band	Monthly Rate 50 Mbps		100 Mbps		250 Mbps		Nonrecurring Charge - All	
1	$12.48	(R)	$20.05	(R)	$41.74	(R)	$410.00	
2	$24.95	(R)	$40.10	(R)	$83.48	(R)	$410.00	
3	$37.43	(R)	$60.16	(R)	$125.22	(R)	$410.00	
4	$49.91	(R)	$80.21	(R)	$166.96	(R)	$410.00	
5	$70.46	(R)	$113.24	(R)	$235.70	(R)	$410.00	
6	$91.01	(R)	$146.27	(R)	$304.45	(R)	$410.00	
7	$111.56	(R)	$179.29	(R)	$373.20	(R)	$410.00	
8	$132.11	(R)	$212.32	(R)	$441.94	(R)	$410.00	
9	$152.66	(R)	$245.35	(R)	$510.69	(R)	$410.00	
10	$173.21	(R)	$278.38	(R)	$579.44	(R)	$410.00	
11	$193.76	(R)	$311.40	(R)	$648.18	(R)	$410.00	
12	$214.31	(R)	$344.43	(R)	$716.93	(R)	$410.00	
13	$234.86	(R)	$377.46	(R)	$785.68	(R)	$410.00	
14	$255.41	(R)	$410.49	(R)	$854.42	(R)	$410.00	
15	$275.96	(R)	$443.51	(R)	$923.17	(R)	$410.00	
16	$296.51	(R)	$476.54	(R)	$991.92	(R)	$410.00	
17	$317.06	(R)	$509.57	(R)	$1,060.66	(R)	$410.00	
18	$337.61	(R)	$542.60	(R)	$1,129.41	(R)	$410.00	
19	$358.16	(R)	$575.62	(R)	$1,198.15	(R)	$410.00	
20	$378.71	(R)	$608.65	(R)	$1,266.90	(R)	$410.00	
21	$399.26	(R)	$641.68	(R)	$1,335.65	(R)	$410.00	
22	$419.81	(R)	$674.71	(R)	$1,404.39	(R)	$410.00	
23	$440.36	(R)	$707.74	(R)	$1,473.14	(R)	$410.00	
24	$460.92	(R)	$740.76	(R)	$1,541.89	(R)	$410.00	
25	$481.47	(N)	$773.79	(N)	$1,610.63	(N)	$410.00	(N)
26	$502.02	(N)	$806.82	(N)	$1,679.38	(N)	$410.00	(N)
27	$522.57	(N)	$839.85	(N)	$1,748.13	(N)	$410.00	(N)
28	$543.12	(N)	$872.87	(N)	$1,816.87	(N)	$410.00	(N)
29	$563.67	(N)	$905.90	(N)	$1,885.62	(N)	$410.00	(N)
30	$584.22	(N)	$938.93	(N)	$1,954.37	(N)	$410.00	(N)
31	$604.77	(N)	$971.96	(N)	$2,023.11	(N)	$410.00	(N)
32	$625.32	(N)	$1,004.98	(N)	$2,091.86	(N)	$410.00	(N)
33	$645.87	(N)	$1,038.01	(N)	$2,160.61	(N)	$410.00	(N)
34	$666.42	(N)	$1,071.04	(N)	$2,229.35	(N)	$410.00	(N)
35	$686.97	(N)	$1,104.07	(N)	$2,298.10	(N)	$410.00	(N)
36	$707.52	(N)	$1,137.09	(N)	$2,366.85	(N)	$410.00	(N)
37	$728.07	(N)	$1,170.12	(N)	$2,435.59	(N)	$410.00	(N)
38	$748.62	(N)	$1,203.15	(N)	$2,504.34	(N)	$410.00	(N)
39	$793.54	(N)	$1,275.34	(N)	$2,654.60	(N)	$410.00	(N)
40	$838.45	(N)	$1,347.53	(N)	$2,804.86	(N)	$410.00	(N)
41	$883.37	(N)	$1,419.72	(N)	$2,955.12	(N)	$410.00	(N)
42	$928.29	(N)	$1,491.91	(N)	$3,105.38	(N)	$410.00	(N)
43	$973.21	(N)	$1,564.10	(N)	$3,255.64	(N)	$410.00	(N)
44	$1,018.12	(N)	$1,636.28	(N)	$3,405.90	(N)	$410.00	(N)
45	$1,063.04	(N)	$1,708.47	(N)	$3,556.16	(N)	$410.00	(N)
46	$1,107.96	(N)	$1,780.66	(N)	$3,706.42	(N)	$410.00	(N)
47	$1,152.87	(N)	$1,852.85	(N)	$3,856.68	(N)	$410.00	(N)
48	$1,197.79	(N)	$1,925.04	(N)	$4,006.94	(N)	$410.00	(N)
49	$1,242.71	(N)	$1,997.23	(N)	$4,157.20	(N)	$410.00	(N)
50	$1,287.63	(N)	$2,069.42	(N)	$4,307.46	(N)	$410.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(4) ETS Extended Ethernet Virtual Connections (E-EVCs) (Cont'd)

Per ETS E-EVC (Cont'd)

Rate Band	Monthly Rate 500 Mbps		750 Mbps		1 Gbps		Nonrecurring Charge - All	
1	$64.61	(R)	$87.87	(R)	$111.40	(R)	$615.00	
2	$129.23	(R)	$175.74	(R)	$222.80	(R)	$615.00	
3	$193.84	(R)	$263.61	(R)	$334.20	(R)	$615.00	
4	$258.45	(R)	$351.48	(R)	$445.60	(R)	$615.00	
5	$364.87	(R)	$496.21	(R)	$629.08	(R)	$615.00	
6	$471.29	(R)	$640.94	(R)	$812.56	(R)	$615.00	
7	$577.72	(R)	$785.67	(R)	$996.05	(R)	$615.00	
8	$684.14	(R)	$930.40	(R)	$1,179.53	(R)	$615.00	
9	$790.56	(R)	$1,075.13	(R)	$1,363.01	(R)	$615.00	
10	$896.98	(R)	$1,219.86	(R)	$1,546.49	(R)	$615.00	
11	$1,003.40	(R)	$1,364.58	(R)	$1,729.98	(R)	$615.00	
12	$1,109.82	(R)	$1,509.31	(R)	$1,913.46	(R)	$615.00	
13	$1,216.24	(R)	$1,654.04	(R)	$2,096.94	(R)	$615.00	
14	$1,322.67	(R)	$1,798.77	(R)	$2,280.42	(R)	$615.00	
15	$1,429.09	(R)	$1,943.50	(R)	$2,463.91	(R)	$615.00	
16	$1,535.51	(R)	$2,088.23	(R)	$2,647.39	(R)	$615.00	
17	$1,641.93	(R)	$2,232.96	(R)	$2,830.87	(R)	$615.00	
18	$1,748.35	(R)	$2,377.69	(R)	$3,014.35	(R)	$615.00	
19	$1,854.77	(R)	$2,522.41	(R)	$3,197.84	(R)	$615.00	
20	$1,961.19	(R)	$2,667.14	(R)	$3,381.32	(R)	$615.00	
21	$2,067.62	(R)	$2,811.87	(R)	$3,564.80	(R)	$615.00	
22	$2,174.04	(R)	$2,956.60	(R)	$3,748.28	(R)	$615.00	
23	$2,280.46	(R)	$3,101.33	(R)	$3,931.76	(R)	$615.00	
24	$2,386.88	(R)	$3,246.06	(R)	$4,115.25	(R)	$615.00	
25	$2,493.30	(N)	$3,390.79	(N)	$4,298.73	(N)	$615.00	(N)
26	$2,599.72	(N)	$3,535.52	(N)	$4,482.21	(N)	$615.00	(N)
27	$2,706.14	(N)	$3,680.24	(N)	$4,665.69	(N)	$615.00	(N)
28	$2,812.57	(N)	$3,824.97	(N)	$4,849.18	(N)	$615.00	(N)
29	$2,918.99	(N)	$3,969.70	(N)	$5,032.66	(N)	$615.00	(N)
30	$3,025.41	(N)	$4,114.43	(N)	$5,216.14	(N)	$615.00	(N)
31	$3,131.83	(N)	$4,259.16	(N)	$5,399.62	(N)	$615.00	(N)
32	$3,238.25	(N)	$4,403.89	(N)	$5,583.11	(N)	$615.00	(N)
33	$3,344.67	(N)	$4,548.62	(N)	$5,766.59	(N)	$615.00	(N)
34	$3,451.09	(N)	$4,693.35	(N)	$5,950.07	(N)	$615.00	(N)
35	$3,557.52	(N)	$4,838.07	(N)	$6,133.55	(N)	$615.00	(N)
36	$3,663.94	(N)	$4,982.80	(N)	$6,317.04	(N)	$615.00	(N)
37	$3,770.36	(N)	$5,127.53	(N)	$6,500.52	(N)	$615.00	(N)
38	$3,876.78	(N)	$5,272.26	(N)	$6,684.00	(N)	$615.00	(N)
39	$4,109.39	(N)	$5,588.60	(N)	$7,085.04	(N)	$615.00	(N)
40	$4,341.99	(N)	$5,904.93	(N)	$7,486.08	(N)	$615.00	(N)
41	$4,574.60	(N)	$6,221.27	(N)	$7,887.12	(N)	$615.00	(N)
42	$4,807.21	(N)	$6,537.60	(N)	$8,288.16	(N)	$615.00	(N)
43	$5,039.81	(N)	$6,853.94	(N)	$8,689.20	(N)	$615.00	(N)
44	$5,272.42	(N)	$7,170.27	(N)	$9,090.24	(N)	$615.00	(N)
45	$5,505.03	(N)	$7,486.61	(N)	$9,491.28	(N)	$615.00	(N)
46	$5,737.63	(N)	$7,802.94	(N)	$9,892.32	(N)	$615.00	(N)
47	$5,970.24	(N)	$8,119.28	(N)	$10,293.36	(N)	$615.00	(N)
48	$6,202.85	(N)	$8,435.62	(N)	$10,694.40	(N)	$615.00	(N)
49	$6,435.45	(N)	$8,751.95	(N)	$11,095.44	(N)	$615.00	(N)
50	$6,668.06	(N)	$9,068.29	(N)	$11,496.48	(N)	$615.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(4) ETS Extended Ethernet Virtual Connections (E-EVCs) (Cont'd)

Per ETS E-EVC (Cont'd)

Rate Band	Monthly Rate 2.5 Gbps		5 Gbps		10 Gbps		Nonrecurring Charge - All	
1	$214.79	(R)	$326.30	(R)	$446.02	(R)	$615.00	
2	$429.59	(R)	$652.59	(R)	$892.04	(R)	$615.00	
3	$644.38	(R)	$978.89	(R)	$1,338.06	(R)	$615.00	
4	$859.17	(R)	$1,305.19	(R)	$1,784.07	(R)	$615.00	
5	$1,212.95	(R)	$1,842.62	(R)	$2,518.69	(R)	$615.00	
6	$1,566.73	(R)	$2,380.05	(R)	$3,253.31	(R)	$615.00	
7	$1,920.50	(R)	$2,917.48	(R)	$3,987.93	(R)	$615.00	
8	$2,274.28	(R)	$3,454.91	(R)	$4,722.55	(R)	$615.00	
9	$2,628.06	(R)	$3,992.35	(R)	$5,457.17	(R)	$615.00	
10	$2,981.83	(R)	$4,529.78	(R)	$6,191.79	(R)	$615.00	
11	$3,335.61	(R)	$5,067.21	(R)	$6,926.40	(R)	$615.00	
12	$3,689.39	(R)	$5,604.64	(R)	$7,661.02	(R)	$615.00	
13	$4,043.16	(R)	$6,142.07	(R)	$8,395.64	(R)	$615.00	
14	$4,396.94	(R)	$6,679.50	(R)	$9,130.26	(R)	$615.00	
15	$4,750.72	(R)	$7,216.93	(R)	$9,864.88	(R)	$615.00	
16	$5,104.49	(R)	$7,754.36	(R)	$10,599.50	(R)	$615.00	
17	$5,458.27	(R)	$8,291.80	(R)	$11,334.12	(R)	$615.00	
18	$5,812.05	(R)	$8,829.23	(R)	$12,068.74	(R)	$615.00	
19	$6,165.82	(R)	$9,366.66	(R)	$12,803.35	(R)	$615.00	
20	$6,519.60	(R)	$9,904.09	(R)	$13,537.97	(R)	$615.00	
21	$6,873.38	(R)	$10,441.52	(R)	$14,272.59	(R)	$615.00	
22	$7,227.15	(R)	$10,978.95	(R)	$15,007.21	(R)	$615.00	
23	$7,580.93	(R)	$11,516.38	(R)	$15,741.83	(R)	$615.00	
24	$7,934.71	(R)	$12,053.81	(R)	$16,476.45	(R)	$615.00	
25	$8,288.48	(N)	$12,591.24	(N)	$17,211.07	(N)	$615.00	(N)
26	$8,642.26	(N)	$13,128.68	(N)	$17,945.69	(N)	$615.00	(N)
27	$8,996.04	(N)	$13,666.11	(N)	$18,680.30	(N)	$615.00	(N)
28	$9,349.81	(N)	$14,203.54	(N)	$19,414.92	(N)	$615.00	(N)
29	$9,703.59	(N)	$14,740.97	(N)	$20,149.54	(N)	$615.00	(N)
30	$10,057.37	(N)	$15,278.40	(N)	$20,884.16	(N)	$615.00	(N)
31	$10,411.14	(N)	$15,815.83	(N)	$21,618.78	(N)	$615.00	(N)
32	$10,764.92	(N)	$16,353.26	(N)	$22,353.40	(N)	$615.00	(N)
33	$11,118.70	(N)	$16,890.69	(N)	$23,088.02	(N)	$615.00	(N)
34	$11,472.47	(N)	$17,428.13	(N)	$23,822.64	(N)	$615.00	(N)
35	$11,826.25	(N)	$17,965.56	(N)	$24,557.25	(N)	$615.00	(N)
36	$12,180.03	(N)	$18,502.99	(N)	$25,291.87	(N)	$615.00	(N)
37	$12,533.80	(N)	$19,040.42	(N)	$26,026.49	(N)	$615.00	(N)
38	$12,887.58	(N)	$19,577.85	(N)	$26,761.11	(N)	$615.00	(N)
39	$13,660.83	(N)	$20,752.52	(N)	$28,366.78	(N)	$615.00	(N)
40	$14,434.09	(N)	$21,927.19	(N)	$29,972.44	(N)	$615.00	(N)
41	$15,207.34	(N)	$23,101.86	(N)	$31,578.11	(N)	$615.00	(N)
42	$15,980.60	(N)	$24,276.53	(N)	$33,183.78	(N)	$615.00	(N)
43	$16,753.85	(N)	$25,451.21	(N)	$34,789.44	(N)	$615.00	(N)
44	$17,527.11	(N)	$26,625.88	(N)	$36,395.11	(N)	$615.00	(N)
45	$18,300.36	(N)	$27,800.55	(N)	$38,000.78	(N)	$615.00	(N)
46	$19,073.62	(N)	$28,975.22	(N)	$39,606.44	(N)	$615.00	(N)
47	$19,846.87	(N)	$30,149.89	(N)	$41,212.11	(N)	$615.00	(N)
48	$20,620.13	(N)	$31,324.56	(N)	$42,817.78	(N)	$615.00	(N)
49	$21,393.38	(N)	$32,499.23	(N)	$44,423.44	(N)	$615.00	(N)
50	$22,166.64	(N)	$33,673.90	(N)	$46,029.11	(N)	$615.00	(N)

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(5) ETS Interconnected Ethernet Virtual Connections (I-EVCs)

(a) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is less than or equal to fifty miles.

Capacity	Monthly Rate		Nonrecurring Charge
2 Mbps	$91.20	(I)	$410.00
5 Mbps	$118.38	(I)	$410.00
10 Mbps	$229.59	(I)	$410.00
20 Mbps	$436.12	(I)	$410.00
50 Mbps	$722.46	(I)	$410.00
100 Mbps	$1,020.53	(I)	$410.00
250 Mbps	$2,322.30	(I)	$410.00
500 Mbps	$3,181.64	(I)	$615.00
750 Mbps	$4,268.01	(I)	$615.00
1 Gbps	$5,402.80	(I)	$615.00
2.5 Gbps	$10,399.27	(I)	$615.00
5 Gbps	$15,804.32	(I)	$615.00
10 Gbps	$21,608.42	(I)	$615.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(5) ETS Interconnected Ethernet Virtual Connections (I-EVCs) (Cont'd)

(b) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is between fifty-one and seventy-five miles.

Capacity	Monthly Rate		Nonrecurring Charge
2 Mbps	$152.73	(I)	$410.00
5 Mbps	$241.81	(I)	$410.00
10 Mbps	$470.90	(I)	$410.00
20 Mbps	$636.34	(I)	$410.00
50 Mbps	$1,287.56	(I)	$410.00
100 Mbps	$1,569.60	(I)	$410.00
250 Mbps	$2,722.27	(I)	$410.00
500 Mbps	$3,727.79	(I)	$615.00
750 Mbps	$5,015.34	(I)	$615.00
1 Gbps	$6,376.47	(I)	$615.00
2.5 Gbps	$12,277.25	(I)	$615.00
5 Gbps	$18,650.61	(I)	$615.00
10 Gbps	$25,505.21	(I)	$615.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(6) Optional Features and Functions

(a) DSL Access Service Connection

(i) Per ETS Basic Port equipped

Capacity	Nonrecurring Charge	
2 Mbps	$150.00	
5 Mbps	$150.00	
10 Mbps	$150.00	
20 Mbps	$150.00	
50 Mbps	$150.00	
100 Mbps	$150.00	
250 Mbps	$150.00	
500 Mbps	$225.00	
750 Mbps	$225.00	
1 Gbps	$225.00	
2.5 Gbps	$225.00	(N)
5 Gbps	$225.00	|
10 Gbps	$225.00	(N)

(ii) Per ETS Interconnection Port equipped

Capacity	Nonrecurring Charge
44.736 Mbps	$150.00
155.52 Mbps	$225.00
622.08 Mbps	$225.00

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(6) Optional Features and Functions (Cont'd)

(a) DSL Access Service Connection (Cont'd) (N)

(iii) Per ETS MM-VCC (M)

Rate Band	One-Way Monthly Rate Per 10 Mbps	Two-Way Monthly Rate Per 10 Mbps	Nonrecurring Charge Per MM-VCC
1	$0.29	$0.36	$7.00
2	$0.59	$0.73	$7.00
3	$0.88	$1.09	$7.00
4	$1.17	$1.45	$7.00
5	$1.66	$2.05	$7.00
6	$2.14	$2.65	$7.00
7	$2.62	$3.25	$7.00
8	$3.11	$3.84	$7.00
9	$3.59	$4.44	$7.00
10	$4.07	$5.04	$7.00
11	$4.56	$5.64	$7.00
12	$5.04	$6.24	$7.00
13	$5.52	$6.83	$7.00
14	$6.01	$7.43	$7.00
15	$6.49	$8.03	$7.00
16	$6.97	$8.63	$7.00
17	$7.46	$9.22	$7.00
18	$7.94	$9.82	$7.00
19	$8.43	$10.42	$7.00
20	$8.91	$11.02	$7.00
21	$9.39	$11.62	$7.00
22	$9.88	$12.21	$7.00
23	$10.36	$12.81	$7.00
24	$10.84	$13.41	$7.00
25	$11.33	$14.01	$7.00
26	$11.81	$14.61	$7.00
27	$12.29	$15.20	$7.00
28	$12.78	$15.80	$7.00
29	$13.26	$16.40	$7.00
30	$13.74	$17.00	$7.00
31	$14.23	$17.59	$7.00
32	$14.71	$18.19	$7.00
33	$15.19	$18.79	$7.00
34	$15.68	$19.39	$7.00
35	$16.16	$19.99	$7.00
36	$16.64	$20.58	$7.00
37	$17.13	$21.18	$7.00
38	$17.61	$21.78	$7.00
39	$18.67	$23.09	$7.00
40	$19.72	$24.39	$7.00
41	$20.78	$25.70	$7.00
42	$21.84	$27.01	$7.00
43	$22.89	$28.31	$7.00
44	$23.95	$29.62	$7.00
45	$25.01	$30.93	$7.00
46	$26.06	$32.23	$7.00
47	$27.12	$33.54	$7.00
48	$28.18	$34.85	$7.00
49	$29.23	$36.15	$7.00
50	$30.29	$37.46	$7.00

(M)

Certain material currently found on this page previously appeared on 21st Revised Page 17-41.10.

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments. (M) (M)

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd) (N)

(6) Optional Features and Functions (Cont'd) (M)

(a) DSL Access Service Connection (Cont'd)

(iv) Per ETS LBR-VCC

Monthly Rate Per 64 kbps	Nonrecurring Charge Per LBR-VCC
$0.65	$7.00

	Nonrecurring Charge
(b) Per ETS Design Change	$6.00

(c) ETS Port Protection

(i) Per feature when customer designated premises located within 300 feet of ETS SWC at speeds of:	Monthly Rate	Nonrecurring Charge
- 2 Mbps to 1 Gbps	$136.25	$560.00
- 2.5 Gbps to 10 Gbps	$340.38	$560.00

(ii) Per feature when customer designated premises located more than 300 feet from ETS SWC at speeds of:	Monthly Rate	Nonrecurring Charge
- 2 Mbps to 1 Gbps	$313.76	$560.00
- 2.5 Gbps to 10 Gbps	$762.93	$560.00

(M)

Certain material currently found on this page previously appeared on 7th Revised Page 17-41.10.1.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(6) Optional Features and Functions (Cont'd)

(d) ETS Bandwidth Add-On (BAO)

(i) Per 10 Mbps Increment included in an ETS BAO added to an ETS Basic Port at speeds of 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps or 750 Mbps

Rate Band	Monthly Rate Per 10 Mbps
1	$0.27
2	$0.53
3	$0.80
4	$1.06
5	$1.50
6	$1.94
7	$2.37
8	$2.81
9	$3.25
10	$3.69
11	$4.12
12	$4.56
13	$5.00
14	$5.43
15	$5.87
16	$6.31
17	$6.75
18	$7.18
19	$7.62
20	$8.06
21	$8.50
22	$8.93
23	$9.37
24	$9.81
25	$10.25
26	$10.68
27	$11.12
28	$11.56
29	$11.99
30	$12.43
31	$12.87
32	$13.31
33	$13.74
34	$14.18
35	$14.62
36	$15.06
37	$15.49
38	$15.93
39	$16.89
40	$17.84
41	$18.80
42	$19.75
43	$20.71
44	$21.66
45	$22.62
46	$23.58
47	$24.53
48	$25.49
49	$26.44
50	$27.40

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments. (N)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(6) Optional Features and Functions (Cont'd)

(d) ETS Bandwidth Add-On (BAO) (Cont'd)

(ii) Per 10 Mbps Increment included in an ETS BAO added to an ETS Channel Termination at speeds of 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps or 750 Mbps when customer designated premises is located within 300 feet of ETS SWC

Rate Band	Monthly Rate Per 10 Mbps
1	$0.28
2	$0.56
3	$0.84
4	$1.11
5	$1.57
6	$2.03
7	$2.49
8	$2.95
9	$3.41
10	$3.87
11	$4.32
12	$4.78
13	$5.24
14	$5.70
15	$6.16
16	$6.62
17	$7.08
18	$7.54
19	$7.99
20	$8.45
21	$8.91
22	$9.37
23	$9.83
24	$10.29
25	$10.75
26	$11.21
27	$11.66
28	$12.12
29	$12.58
30	$13.04
31	$13.50
32	$13.96
33	$14.42
34	$14.88
35	$15.33
36	$15.79
37	$16.25
38	$16.71
39	$17.71
40	$18.72
41	$19.72
42	$20.72
43	$21.72
44	$22.73
45	$23.73
46	$24.73
47	$25.73
48	$26.74
49	$27.74
50	$28.74

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments. (N)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(6) Optional Features and Functions (Cont'd)

(d) ETS Bandwidth Add-On (BAO) (Cont'd)

(iii) Per 10 Mbps Increment included in an ETS BAO added to an ETS Channel Termination at speeds of 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps or 750 Mbps when customer designated premises is located more than 300 feet from ETS SWC

Rate Band	Monthly Rate Per 10 Mbps
1	$0.33
2	$0.66
3	$1.00
4	$1.33
5	$1.87
6	$2.42
7	$2.97
8	$3.52
9	$4.06
10	$4.61
11	$5.16
12	$5.70
13	$6.25
14	$6.80
15	$7.34
16	$7.89
17	$8.44
18	$8.98
19	$9.53
20	$10.08
21	$10.62
22	$11.17
23	$11.72
24	$12.26
25	$12.81
26	$13.36
27	$13.90
28	$14.45
29	$15.00
30	$15.55
31	$16.09
32	$16.64
33	$17.19
34	$17.73
35	$18.28
36	$18.83
37	$19.37
38	$19.92
39	$21.12
40	$22.31
41	$23.51
42	$24.70
43	$25.90
44	$27.09
45	$28.29
46	$29.48
47	$30.68
48	$31.87
49	$33.07
50	$34.26

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments. (N)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(6) Optional Features and Functions (Cont'd)

(d) ETS Bandwidth Add-On (BAO) (Cont'd)

(iv) Per 10 Mbps Increment included in an ETS BAO added to an ETS Intraswitch EVC at speeds of 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps or 750 Mbps

Rate Band	Monthly Rate Per 10 Mbps
1	$0.00
2	$0.00
3	$0.00
4	$0.00
5	$0.00
6	$0.00
7	$0.00
8	$0.00
9	$0.00
10	$0.00
11	$0.00
12	$0.00
13	$0.00
14	$0.00
15	$0.00
16	$0.00
17	$0.00
18	$0.00
19	$0.00
20	$0.00
21	$0.00
22	$0.00
23	$0.00
24	$0.00
25	$0.00
26	$0.00
27	$0.00
28	$0.00
29	$0.00
30	$0.00
31	$0.00
32	$0.00
33	$0.00
34	$0.00
35	$0.00
36	$0.00
37	$0.00
38	$0.00
39	$0.00
40	$0.00
41	$0.00
42	$0.00
43	$0.00
44	$0.00
45	$0.00
46	$0.00
47	$0.00
48	$0.00
49	$0.00
50	$0.00

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments. (N)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(6) Optional Features and Functions (Cont'd)

(d) ETS Bandwidth Add-On (BAO) (Cont'd)

(v) Per 10 Mbps Increment included in an ETS BAO added to an ETS Interswitch EVC at speeds of 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps or 750 Mbps

Rate Band	Monthly Rate Per 10 Mbps
1	$2.23
2	$4.46
3	$6.69
4	$8.92
5	$12.59
6	$16.27
7	$19.94
8	$23.61
9	$27.28
10	$30.96
11	$34.63
12	$38.30
13	$41.98
14	$45.65
15	$49.32
16	$53.00
17	$56.67
18	$60.34
19	$64.01
20	$67.69
21	$71.36
22	$75.03
23	$78.71
24	$82.38
25	$86.05
26	$89.72
27	$93.40
28	$97.07
29	$100.74
30	$104.42
31	$108.09
32	$111.76
33	$115.44
34	$119.11
35	$122.78
36	$126.45
37	$130.13
38	$133.80
39	$141.83
40	$149.86
41	$157.88
42	$165.91
43	$173.94
44	$181.97
45	$190.00
46	$198.02
47	$206.05
48	$214.08
49	$222.11
50	$230.14

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments. (N)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(6) Optional Features and Functions (Cont'd)

(d) ETS Bandwidth Add-On (BAO) (Cont'd)

(vi) Per 10 Mbps Increment included in an ETS BAO added to an ETS Extended EVC at speeds of 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps or 750 Mbps

Rate Band	Monthly Rate Per 10 Mbps
1	$1.51
2	$3.03
3	$4.54
4	$6.05
5	$8.54
6	$11.04
7	$13.53
8	$16.02
9	$18.51
10	$21.00
11	$23.50
12	$25.99
13	$28.48
14	$30.97
15	$33.46
16	$35.96
17	$38.45
18	$40.94
19	$43.43
20	$45.92
21	$48.42
22	$50.91
23	$53.40
24	$55.89
25	$58.38
26	$60.88
27	$63.37
28	$65.86
29	$68.35
30	$70.84
31	$73.34
32	$75.83
33	$78.32
34	$80.81
35	$83.30
36	$85.80
37	$88.29
38	$90.78
39	$96.23
40	$101.67
41	$107.12
42	$112.57
43	$118.01
44	$123.46
45	$128.91
46	$134.35
47	$139.80
48	$145.25
49	$150.69
50	$156.14

Refer to the Ethernet Transport Service (ETS) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments. (N)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(6) Optional Features and Functions (Cont'd)

(d) ETS Bandwidth Add-On (BAO) (Cont'd)

(vii) Per 10 Mbps Increment included in an ETS BAO added to an ETS Interconnected EVC at speeds of 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps or 750 Mbps when the airline distance between the ETS SWCs serving the customer designated premises is less than or equal to fifty miles

Monthly Rate Per 10 Mbps
$138.04

(viii) Per 10 Mbps Increment included in an ETS BAO added to an ETS Interconnected EVC at speeds of 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps or 750 Mbps when the airline distance between the ETS SWCs serving the customer designated premises is between fifty-one and seventy-five miles

Monthly Rate Per 10 Mbps
$201.75

(N)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(6) Optional Features and Functions (Cont'd)

Certain material previously found on this page now appears on Original Page 17-41.9.1.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(7) ETS Term Discount Plan

Term Commitment	Percentage
36 months	10%
60 months	20%

(8) ETS Volume Discount Plan

Number of Committed ETS Ports In-Service On Bill Date	Percentage
0 to 4	0%
5 and above	10%

Certain material previously found on this page now appears on Original Page 17-41.9.2.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO)

(a) ETS FRO Plan 1

(i) Plan 1 Availability

Subject to the requirements specified in Section 16.3.5(F), preceding, ETS FRO Plan 1 is available from the following Telephone Companies between September 15, 2010 and June 30, 2011:

Company Name	Study Area Number	Plan 1 Rate Band Assignment	
Copper Valley Telephone Cooperative, Inc.	613006	8	(N)
Mutual Telephone Company	351252	3	
Northern Iowa Telephone Company	351259	8	
Shenandoah Telephone Company	190250	7	
Webb-Dickens Telephone Corporation	351327	9	

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates

Subject to the requirements specified in Section 16.3.5(F), preceding, the following ETS FRO Plan 1 monthly rates and nonrecurring charges apply in lieu of the monthly rates and nonrecurring charges specified in Sections 17.4.8(C)(1) through (C)(6), above, for ETS Term Discount Plan customers that subscribe to this plan between September 15, 2010 and June 30, 2011. The Telephone Company specific rate band assignment for ETS FRO Plan 1 rates is specified in (i), above. The ETS Term Discount Plan discount percentages for a 36 month or 60 month commitment will apply as described in Section 16.3.5, preceding.

ETS Channel Terminations

- Per termination when customer designated premises located within 300 feet of ETS SWC

Rate Band	Monthly Rate 2 Mbps	(N)	5 Mbps	(N)	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$47.16		$57.88		$66.85	$73.38	$295.00
2	$52.58		$64.53		$74.53	$81.81	$295.00
3	$63.25		$77.63		$89.66	$98.41	$295.00
4	$68.76		$84.39		$97.47	$106.99	$295.00
5	$70.39		$86.39		$99.78	$109.52	$295.00
6	$78.73		$96.63		$111.61	$122.50	$295.00
7	$110.00		$135.00		$155.93	$171.15	$295.00
8	$132.00		$162.00		$187.12	$205.38	$295.00
9	$161.70		$198.45		$229.22	$251.59	$295.00
10	$172.70	(N)	$211.95	(N)	$244.81	$268.71	$295.00

Certain material previously found on this page now appears on Original Page 17-41.10.2.1.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

ETS Channel Terminations (Cont'd)

- Per termination when customer designated premises located within 300 feet of ETS SWC (Cont'd)

Rate Band	Monthly Rate 50 Mbps	100 Mbps	250 Mbps	(N)	Nonrecurring Charge - All	(N) (M)
1	$88.05	$97.84	$139.34		$295.00	
2	$98.17	$109.08	$155.35		$295.00	
3	$118.09	$131.22	$186.88		$295.00	
4	$128.38	$142.65	$203.16		$295.00	
5	$131.43	$146.03	$207.98		$295.00	
6	$147.00	$163.34	$232.62		$295.00	
7	$205.38	$228.20	$325.00		$295.00	
8	$246.46	$273.84	$390.00		$295.00	
9	$301.91	$335.45	$477.75		$295.00	
10	$322.45	$358.27	$510.25	(N)	$295.00	(M)

Certain material currently found on this page previously appeared on Original Page 17-41.10.2.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

ETS Channel Terminations (Cont'd)

- Per termination when customer designated premises located within 300 feet of ETS SWC (Cont'd)

Rate Band	Monthly Rate 500 Mbps	750 Mbps	(N)	1 Gbps	Nonrecurring Charge - All	(N) (M)
1	$182.63	$212.22		$242.96	$442.00	
2	$203.62	$236.61		$270.88	$442.00	
3	$244.94	$284.63		$325.85	$442.00	
4	$266.28	$309.43		$354.24	$442.00	
5	$272.60	$316.77		$362.64	$442.00	
6	$304.90	$354.30		$405.61	$442.00	
7	$425.98	$495.00		$566.69	$442.00	
8	$511.18	$594.00		$680.03	$442.00	
9	$626.19	$727.65		$833.03	$442.00	
10	$668.79	$777.15	(N)	$889.70	$442.00	(M)

Certain material currently found on this page previously appeared on Original Page 17-41.10.3.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

ETS Channel Terminations (Cont'd)

- Per termination when customer designated premises located more than 300 feet from ETS SWC

Rate Band	Monthly Rate 2 Mbps (N)	5 Mbps (N)	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$116.62	$117.90	$119.58	$130.45	$295.00
2	$130.02	$131.45	$133.32	$145.44	$295.00
3	$156.40	$158.13	$160.37	$174.95	$295.00
4	$170.03	$171.90	$174.35	$190.19	$295.00
5	$174.06	$175.98	$178.48	$194.71	$295.00
6	$194.69	$196.83	$199.63	$217.78	$295.00
7	$272.00	$275.00	$278.91	$304.26	$295.00
8	$326.40	$330.00	$334.69	$365.11	$295.00
9	$399.84	$404.25	$410.00	$447.26	$295.00
10	$427.04(N)	$431.75 (N)	$437.89	$477.69	$295.00

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ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

ETS Channel Terminations (Cont'd)

- Per termination when customer designated premises located more than 300 feet from ETS SWC (Cont'd)

	Monthly Rate					
Rate Band	50 Mbps	100 Mbps	250 Mbps	(N)	Nonrecurring Charge - All	(M)
1	$158.71	$173.93	$246.52		$295.00	
2	$176.95	$193.92	$274.85		$295.00	
3	$212.86	$233.27	$330.63		$295.00	
4	$231.41	$253.60	$359.44		$295.00	
5	$236.90	$259.61	$367.96		$295.00	
6	$264.97	$290.38	$411.56		$295.00	
7	$370.19	$405.69	$575.00		$295.00	
8	$444.23	$486.83	$690.00		$295.00	
9	$544.18	$596.36	$845.25		$295.00	
10	$581.20	$636.93	$902.75	(N)	$295.00	(M)

Certain material currently found on this page previously appeared on Original Page 17-41.10.3.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

ETS Channel Terminations (Cont'd)

- Per termination when customer designated premises located more than 300 feet from ETS SWC (Cont'd)

(N)

Rate Band	Monthly Rate 500 Mbps	750 Mbps (N)	1 Gbps	Nonrecurring Charge - All (M)
1	$326.13	$375.14	$434.83	$442.00
2	$363.60	$418.25	$484.80	$442.00
3	$437.39	$503.13	$583.18	$442.00
4	$475.50	$546.97	$633.99	$442.00
5	$486.78	$559.94	$649.03	$442.00
6	$544.46	$626.29	$725.94	$442.00
7	$760.67	$875.00	$1,014.22	$442.00
8	$912.80	$1,050.00	$1,217.06	$442.00
9	$1,118.18	$1,286.25	$1,490.90	$442.00
10	$1,194.25	$1,373.75 (N)	$1,592.33	$442.00 (M)

Certain material currently found on this page previously appeared on Original Page 17-41.10.4.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

Ports

- Per ETS Basic Port

Rate Band	Monthly Rate 2 Mbps	(N)	5 Mbps	(N)	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$60.02		$66.45		$73.38	$81.53	$259.00
2	$66.92		$74.09		$81.81	$90.90	$259.00
3	$80.50		$89.13		$98.41	$109.34	$259.00
4	$87.51		$96.89		$106.99	$118.87	$259.00
5	$89.59		$99.19		$109.52	$121.69	$259.00
6	$100.21		$110.94		$122.50	$136.11	$259.00
7	$140.00		$155.00		$171.15	$190.16	$259.00
8	$168.00		$186.00		$205.38	$228.19	$259.00
9	$205.80		$227.85		$251.59	$279.54	$259.00
10	$219.80	(N)	$243.35	(N)	$268.71	$298.55	$259.00

Certain material previously found on this page now appears on Original Page 17-41.10.3.2 and Original Page 17-41.10.4.1.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

Ports (Cont'd)

- Per ETS Basic Port (Cont'd)

Rate Band	Monthly Rate 50 Mbps	100 Mbps	250 Mbps		Nonrecurring Charge - All	
1	$89.68	$97.84	$135.05	(N)	$259.00	(M)
2	$99.99	$109.08	$150.57		$259.00	
3	$120.28	$131.22	$181.13		$259.00	
4	$130.76	$142.65	$196.91		$259.00	
5	$133.86	$146.03	$201.58		$259.00	
6	$149.72	$163.34	$225.46		$259.00	
7	$209.18	$228.20	$315.00		$259.00	
8	$251.02	$273.84	$378.00		$259.00	
9	$307.49	$335.45	$463.05		$259.00	
10	$328.41	$358.27	$494.55	(N)	$259.00	(M)

Certain material currently found on this page previously appeared on Original Page 17-41.10.4.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

Ports (Cont'd)

- Per ETS Basic Port (Cont'd)

Rate Band	Monthly Rate 500 Mbps	750 Mbps (N)	1 Gbps	Nonrecurring Charge - All (M)
1	$171.21	$216.51	$260.90	$388.00
2	$190.89	$241.39	$290.88	$388.00
3	$229.63	$290.38	$349.91	$388.00
4	$249.64	$315.68	$380.40	$388.00
5	$255.56	$323.16	$389.42	$388.00
6	$285.84	$361.46	$435.57	$388.00
7	$399.35	$505.00	$608.54	$388.00
8	$479.22	$606.00	$730.25	$388.00
9	$587.04	$742.35	$894.55	$388.00
10	$626.98	$792.85 (N)	$955.41	$388.00 (M)

Certain material currently found on this page previously appeared on Original Page 17-41.10.5.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

Ports (Cont'd)

- Per ETS Interconnection Port

Rate Band	Monthly Rate 44.736 Mbps	Nonrecurring Charge	Monthly Rate 155.52 Mbps	Nonrecurring Charge	(T)
1	$978.37	$175.00	$1,174.05	$262.00	
2	$1,090.80	$175.00	$1,308.96	$262.00	
3	$1,312.15	$175.00	$1,574.58	$262.00	
4	$1,426.49	$175.00	$1,711.79	$262.00	
5	$1,460.32	$175.00	$1,752.38	$262.00	
6	$1,633.36	$175.00	$1,960.03	$262.00	
7	$2,282.00	$175.00	$2,738.40	$262.00	
8	$2,738.40	$175.00	$3,286.08	$262.00	
9	$3,354.54	$175.00	$4,025.45	$262.00	
10	$3,582.74	$175.00	$4,299.29	$262.00	

Certain material previously found on this page now appears on Original Page 17-41.10.4.2.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

Ports (Cont'd)

- Per ETS Interconnection Port (Cont'd)

Rate Band	Monthly Rate 622.08 Mbps	Nonrecurring Charge	
1	$1,956.74	$262.00	(T)
2	$2,181.59	$262.00	
3	$2,624.30	$262.00	
4	$2,852.98	$262.00	
5	$2,920.64	$262.00	
6	$3,266.72	$262.00	
7	$4,564.00	$262.00	
8	$5,476.80	$262.00	
9	$6,709.08	$262.00	
10	$7,165.48	$262.00	

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs)

- Per Intraswitch ETS EVC

Rate Band	Monthly Rate 2 Mbps	5 Mbps	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$0.00 (N)	$0.00	$0.00	$0.00	$205.00
2	$0.00	$0.00	$0.00	$0.00	$205.00
3	$0.00	$0.00	$0.00	$0.00	$205.00
4	$0.00	$0.00	$0.00	$0.00	$205.00
5	$0.00	$0.00	$0.00	$0.00	$205.00
6	$0.00	$0.00	$0.00	$0.00	$205.00
7	$0.00	$0.00	$0.00	$0.00	$205.00
8	$0.00	$0.00	$0.00	$0.00	$205.00
9	$0.00	$0.00	$0.00	$0.00	$205.00
10	$0.00 (N)	$0.00	$0.00	$0.00	$205.00

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 2 Mbps to 20 Mbps (N)

Rate Band	Monthly Rate Per CoS Level, Per Megabit: Near Real Time	Real Time
1	$0.26	$0.51
2	$0.29	$0.57
3	$0.35	$0.69
4	$0.38	$0.75
5	$0.38	$0.77
6	$0.43	$0.86
7	$0.60	$1.20
8	$0.72	$1.44
9	$0.88	$1.76
10	$0.94	$1.88 (N)

Certain material previously found on this page now appears on Original Page 17-41.10.7.1 and Original Page 17-41.10.7.2.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Intraswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 50 Mbps	100 Mbps	250 Mbps		Nonrecurring Charge - All	
1	$0.00	$0.00	$0.00		$205.00	
2	$0.00	$0.00	$0.00		$205.00	
3	$0.00	$0.00	$0.00		$205.00	
4	$0.00	$0.00	$0.00		$205.00	
5	$0.00	$0.00	$0.00		$205.00	
6	$0.00	$0.00	$0.00		$205.00	
7	$0.00	$0.00	$0.00		$205.00	
8	$0.00	$0.00	$0.00		$205.00	
9	$0.00	$0.00	$0.00		$205.00	
10	$0.00	$0.00	$0.00	(N)	$205.00	(M)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 50 Mbps to 250 Mbps (N)

Rate Band	Monthly Rate Per CoS Level, Per Megabit: Near Real Time	Real Time	
1	$0.15	$0.30	
2	$0.17	$0.33	
3	$0.20	$0.40	
4	$0.22	$0.44	
5	$0.22	$0.45	
6	$0.25	$0.50	
7	$0.35	$0.70	
8	$0.42	$0.84	
9	$0.51	$1.03	
10	$0.55	$1.10	(N)

Certain material currently found on this page previously appeared on Original Page 17-41.10.7.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Intraswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 500 Mbps	750 Mbps	1 Gbps	Nonrecurring Charge - All
1	$0.00	$0.00	$0.00	$307.00
2	$0.00	$0.00	$0.00	$307.00
3	$0.00	$0.00	$0.00	$307.00
4	$0.00	$0.00	$0.00	$307.00
5	$0.00	$0.00	$0.00	$307.00
6	$0.00	$0.00	$0.00	$307.00
7	$0.00	$0.00	$0.00	$307.00
8	$0.00	$0.00	$0.00	$307.00
9	$0.00	$0.00	$0.00	$307.00
10	$0.00	$0.00	$0.00	$307.00

(N) (M) (N) (M)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 500 Mbps to 1 Gbps (N)

Rate Band	Monthly Rate Per CoS Level, Per Megabit: Near Real Time	Real Time
1	$0.09	$0.17
2	$0.10	$0.19
3	$0.12	$0.23
4	$0.13	$0.25
5	$0.13	$0.26
6	$0.14	$0.29
7	$0.20	$0.40
8	$0.24	$0.48
9	$0.29	$0.59
10	$0.31	$0.63

(N)

Certain material currently found on this page previously appeared on Original Page 17-41.10.7.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Interswitch ETS EVC

Rate Band	Monthly Rate 2 Mbps	(N)	5 Mbps	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$25.72		$34.79	$65.22	$130.45	$205.00
2	$28.68		$38.78	$72.72	$145.44	$205.00
3	$34.50		$46.66	$87.47	$174.95	$205.00
4	$37.51		$50.72	$95.10	$190.19	$205.00
5	$38.40		$51.92	$97.35	$194.71	$205.00
6	$42.95		$58.08	$108.89	$217.78	$205.00
7	$60.00		$81.14	$152.13	$304.26	$205.00
8	$72.00		$97.37	$182.56	$365.11	$205.00
9	$88.20		$119.28	$223.63	$447.26	$205.00
10	$94.20	(N)	$127.39	$238.84	$477.69	$205.00

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 2 Mbps to 20 Mbps (N)

Rate Band	Monthly Rate Per CoS Level, Per Megabit: Near Real Time	Real Time
1	$0.86	$1.71
2	$0.96	$1.91
3	$1.15	$2.30
4	$1.25	$2.50
5	$1.28	$2.56
6	$1.43	$2.86
7	$2.00	$4.00
8	$2.40	$4.80
9	$2.94	$5.88
10	$3.14	$6.28

(N)

Certain material previously found on this page now appears on Original Page 17-41.10.8.1 and Original page 17-41.10.8.2.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Interswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 50 Mbps	100 Mbps	250 Mbps		Nonrecurring Charge - All	
1	$182.63	$291.33	$600.23		$205.00	
2	$203.61	$324.81	$669.20		$205.00	
3	$244.93	$390.72	$805.00		$205.00	
4	$266.28	$424.77	$875.15		$205.00	
5	$272.59	$434.85	$895.90		$205.00	
6	$304.89	$486.37	$1,002.06		$205.00	
7	$425.97	$679.52	$1,400.00		$205.00	
8	$511.16	$815.42	$1,680.00		$205.00	
9	$626.18	$998.89	$2,058.00		$205.00	
10	$668.77	$1,066.85	$2,198.00	(N)	$205.00	(M)

(N)
(M)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 50 Mbps to 250 Mbps (N)

Rate Band	Monthly Rate Per CoS Level, Per Megabit: Near Real Time	Real Time
1	$0.54	$1.07
2	$0.60	$1.20
3	$0.72	$1.44
4	$0.78	$1.56
5	$0.80	$1.60
6	$0.89	$1.79
7	$1.25	$2.50
8	$1.50	$3.00
9	$1.84	$3.68
10	$1.96	$3.93

(N)

Certain material currently found on this page previously appeared on Original Page 17-41.10.8.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Interswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 500 Mbps	750 Mbps	(N)	1 Gbps	Nonrecurring Charge - All	(N) (M)
1	$1,000.11	$1,329.08		$1,739.33	$307.00	
2	$1,115.04	$1,481.80		$1,939.19	$307.00	
3	$1,341.31	$1,782.50		$2,332.71	$307.00	
4	$1,458.19	$1,937.83		$2,535.98	$307.00	
5	$1,492.77	$1,983.78		$2,596.13	$307.00	
6	$1,669.66	$2,218.85		$2,903.75	$307.00	
7	$2,332.71	$3,100.00		$4,056.89	$307.00	
8	$2,799.25	$3,720.00		$4,868.27	$307.00	
9	$3,429.08	$4,557.00		$5,963.63	$307.00	
10	$3,662.35	$4,867.00	(N)	$6,369.32	$307.00	(M)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 500 Mbps to 1 Gbps (N)

Rate Band	Monthly Rate Per CoS Level, Per Megabit: Near Real Time	Real Time	
1	$0.32	$0.64	
2	$0.36	$0.72	
3	$0.43	$0.86	
4	$0.47	$0.94	
5	$0.48	$0.96	
6	$0.54	$1.07	
7	$0.75	$1.50	
8	$0.90	$1.80	
9	$1.10	$2.21	
10	$1.18	$2.36	(N)

Certain material currently found on this page previously appeared on Original Page 17-41.10.8.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

ETS Extended Ethernet Virtual Connections (E-EVCs)

- Per ETS E-EVC

Rate Band	Monthly Rate 2 Mbps	(N)	5 Mbps	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$17.15		$21.74	$39.13	$78.27	$410.00
2	$19.12		$24.24	$43.63	$87.26	$410.00
3	$23.00		$29.16	$52.49	$104.97	$410.00
4	$25.00		$31.70	$57.06	$114.12	$410.00
5	$25.60		$32.45	$58.41	$116.83	$410.00
6	$28.63		$36.30	$65.33	$130.67	$410.00
7	$40.00		$50.71	$91.28	$182.56	$410.00
8	$48.00		$60.85	$109.54	$219.07	$410.00
9	$58.80		$74.54	$134.18	$268.36	$410.00
10	$62.80	(N)	$79.61	$143.31	$286.62	$410.00

Certain material previously found on this page now appears on Original Page 17-41.10.9.1 and Original Page 17-41.10.9.2.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

ETS Extended Ethernet Virtual Connections (E-EVCs) (Cont'd)

- Per ETS E-EVC (Cont'd)

Rate Band	Monthly Rate 50 Mbps	100 Mbps	250 Mbps		Nonrecurring Charge - All	
1	$121.75	$195.67	$407.30		$410.00	
2	$135.74	$218.16	$454.10		$410.00	
3	$163.29	$262.43	$546.25		$410.00	
4	$177.52	$285.30	$593.85		$410.00	
5	$181.73	$292.06	$607.93		$410.00	
6	$203.26	$326.67	$679.97		$410.00	
7	$283.98	$456.40	$950.00		$410.00	
8	$340.78	$547.68	$1,140.00		$410.00	
9	$417.45	$670.91	$1,396.50		$410.00	
10	$445.85	$716.55	$1,491.50	(N)	$410.00	(M)

(N)
(M)

Certain material currently found on this page previously appeared on Original Page 17-41.10.9.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

ETS Extended Ethernet Virtual Connections (E-EVCs) (Cont'd)

- Per ETS E-EVC (Cont'd)

Rate Band	Monthly Rate 500 Mbps	750 Mbps	(N)	1 Gbps	Nonrecurring Charge - All	(N) (M)
1	$630.50	$857.47		$1,087.08	$615.00	
2	$702.96	$956.00		$1,211.99	$615.00	
3	$845.61	$1,150.00		$1,457.94	$615.00	
4	$919.29	$1,250.21		$1,584.98	$615.00	
5	$941.09	$1,279.86		$1,622.57	$615.00	
6	$1,052.61	$1,431.52		$1,814.84	$615.00	
7	$1,470.62	$2,000.00		$2,535.55	$615.00	
8	$1,764.74	$2,400.00		$3,042.66	$615.00	
9	$2,161.81	$2,940.00		$3,727.26	$615.00	
10	$2,308.87	$3,140.00	(N)	$3,980.81	$615.00	(M)

Certain material currently found on this page previously appeared on Original Page 17-41.10.9.

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

ETS Interconnected Ethernet Virtual Connections (I-EVCs)

(a) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is less than or equal to fifty miles. (T)

Capacity	Monthly Rate	Nonrecurring Charge
2 Mbps	$70.00	$410.00
5 Mbps	$90.86	$410.00
10 Mbps	$167.38	$410.00
20 Mbps	$334.76	$410.00
50 Mbps	$526.04	$410.00
100 Mbps	$812.98	$410.00
250 Mbps	$1,650.00	$410.00
500 Mbps	$2,534.58	$615.00
750 Mbps	$3,400.00	$615.00
1 Gbps	$4,304.00	$615.00

(b) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is between fifty-one and seventy-five miles. (N)

Capacity	Monthly Rate	Nonrecurring Charge
2 Mbps	$120.00	$410.00
5 Mbps	$190.00	$410.00
10 Mbps	$370.00	$410.00
20 Mbps	$500.00	$410.00
50 Mbps	$1,050.00	$410.00
100 Mbps	$1,280.00	$410.00
250 Mbps	$2,220.00	$410.00
500 Mbps	$3,040.00	$615.00
750 Mbps	$4,090.00	$615.00
1 Gbps	$5,200.00	$615.00

(N)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

Optional Features and Functions

- DSL Access Service Connection

- Per ETS Basic Port equipped

Capacity	Nonrecurring Charge	
2 Mbps	$150.00	(N)
5 Mbps	$150.00	(N)
10 Mbps	$150.00	
20 Mbps	$150.00	
50 Mbps	$150.00	
100 Mbps	$150.00	
250 Mbps	$150.00	(N)
500 Mbps	$225.00	
750 Mbps	$225.00	(N)
1 Gbps	$225.00	

- Per ETS Interconnection Port equipped

Capacity	Nonrecurring Charge
44.736 Mbps	$150.00
155.52 Mbps	$225.00
622.08 Mbps	$225.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(a) ETS FRO Plan 1 (Cont'd)

(ii) Plan 1 Rates (Cont'd)

Optional Features and Functions (Cont'd)

- DSL Access Service Connection (Cont'd)

- Per ETS MM-VCC

Rate Band	Monthly Rate Per 10 Mbps	Nonrecurring Charge Per MM-VCC	(T)
1	$1.96	$7.00	
2	$2.18	$7.00	
3	$2.62	$7.00	
4	$2.85	$7.00	
5	$2.92	$7.00	
6	$3.26	$7.00	
7	$4.56	$7.00	
8	$5.47	$7.00	
9	$6.70	$7.00	
10	$7.16	$7.00	

- Per ETS LBR-VCC

Monthly Rate Per 64 kbps	Nonrecurring Charge Per LBR-VCC	(T)
$0.50	$7.00	

ETS Design Change	Nonrecurring Charge
- Per ETS Design Change	$6.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO)

(b) ETS FRO Plan 2

(i) Plan 2 Availability

Subject to the requirements specified in Section 16.3.5(F), preceding, ETS FRO Plan 2 is available from the following Telephone Companies between July 30, 2011 and June 30, 2012:

Company Name	Study Area Number	Plan 2 Rate Band Assignment	
Copper Valley Telephone Cooperative, Inc.	613006	9	(N)
Northern Iowa Telephone Company	351259	9	
Webb-Dickens Telephone Corporation	351327	10	

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates

Subject to the requirements specified in Section 16.3.5(F), preceding, the following ETS FRO Plan 2 stabilized rates apply in lieu of the monthly rates specified in Sections 17.4.8(C)(1) through (C)(6), above, for ETS Term Discount Plan customers that subscribe to this plan between July 30, 2011 and June 30, 2012. The nonrecurring charges associated with the following rate elements are not stabilized in ETS FRO Plan 2. Therefore, the non-stabilized nonrecurring charges specified in Sections 17.4.8(C)(1) through (C)(6), above, apply. The Telephone Company specific rate band assignment for ETS FRO Plan 2 stabilized rates is specified in (i), above. The ETS Term Discount Plan discount percentages for a 36 month or 60 month commitment will apply as described in Section 16.3.5, preceding.

ETS Channel Terminations

- Per termination when customer designated premises located within 300 feet of ETS SWC

Rate Band	Monthly Rate 2 Mbps	5 Mbps	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$43.45	$53.33	$61.59	$67.60	
2	$48.45	$59.45	$68.67	$75.37	
3	$58.28	$71.52	$82.60	$90.67	
4	$63.35	$77.75	$89.80	$98.57	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(1)(a)
5	$64.86	$79.59	$91.93	$100.90	
6	$72.54	$89.03	$102.83	$112.86	
7	$90.39	$110.93	$128.12	$140.62	
8	$101.35	$124.38	$143.66	$157.68	
9	$131.56	$161.45	$186.48	$204.68	
10	$175.79	$215.74	$249.18	$273.50	
11	$188.40	$231.22	$267.06	$293.12	

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Channel Terminations (Cont'd)

- Per termination when customer designated premises located within 300 feet of ETS SWC (Cont'd)

Rate Band	Monthly Rate 50 Mbps	100 Mbps	250 Mbps	Nonrecurring Charge - All
1	$81.13	$90.14	$128.38	
2	$90.45	$100.50	$143.13	
3	$108.80	$120.89	$172.17	
4	$118.28	$131.43	$187.18	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(1)(a)
5	$121.09	$134.55	$191.61	
6	$135.44	$150.49	$214.32	
7	$168.75	$187.51	$267.04	
8	$189.22	$210.25	$299.43	
9	$245.62	$272.91	$388.67	
10	$328.20	$364.68	$519.36	
11	$351.75	$390.84	$556.62	

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Channel Terminations (Cont'd)

- Per termination when customer designated premises located within 300 feet of ETS SWC (Cont'd)

Rate Band	Monthly Rate 500 Mbps	750 Mbps	1 Gbps	Nonrecurring Charge - All
1	$168.26	$195.52	$223.84	
2	$187.60	$217.99	$249.56	
3	$225.66	$262.23	$300.21	
4	$245.33	$285.08	$326.37	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(1)(a)
5	$251.15	$291.84	$334.11	
6	$280.91	$326.42	$373.70	
7	$350.01	$406.72	$465.62	
8	$392.46	$456.05	$522.10	
9	$509.43	$591.97	$677.71	
10	$680.72	$791.02	$905.58	
11	$729.56	$847.77	$970.55	

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Channel Terminations (Cont'd)

- Per termination when customer designated premises located more than 300 feet from ETS SWC

Rate Band	Monthly Rate 2 Mbps	5 Mbps	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$110.20	$111.42	$113.00	$127.84	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(1)(b)
2	$122.87	$124.22	$125.99	$142.53	
3	$147.80	$149.43	$151.55	$171.45	
4	$160.68	$162.45	$164.76	$186.39	
5	$164.49	$166.30	$168.67	$190.81	
6	$183.98	$186.01	$188.65	$213.42	
7	$229.24	$231.76	$235.06	$265.92	
8	$257.04	$259.88	$263.57	$298.17	
9	$333.65	$337.33	$342.13	$387.04	
10	$445.84	$450.75	$457.16	$517.18	
11	$477.82	$483.09	$489.96	$554.29	

(N)

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Channel Terminations (Cont'd)

- Per termination when customer designated premises located more than 300 feet from ETS SWC (Cont'd)

Rate Band	Monthly Rate 50 Mbps	100 Mbps	250 Mbps	Nonrecurring Charge - All
1	$149.98	$160.25	$227.13	
2	$167.22	$178.66	$253.23	
3	$201.15	$214.92	$304.61	
4	$218.68	$233.65	$331.16	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(1)(b)
5	$223.87	$239.19	$339.01	
6	$250.39	$267.53	$379.18	
7	$311.99	$333.34	$472.46	
8	$349.83	$373.77	$529.76	
9	$454.09	$485.17	$687.65	
10	$606.78	$648.30	$918.87	
11	$650.31	$694.82	$984.79	

(N)

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Channel Terminations (Cont'd)

- Per termination when customer designated premises located more than 300 feet from ETS SWC (Cont'd)

Rate Band	Monthly Rate 500 Mbps	750 Mbps	1 Gbps	Nonrecurring Charge - All
1	$300.47	$345.63	$400.62	
2	$334.99	$385.34	$446.65	
3	$402.97	$463.54	$537.29	
4	$438.09	$503.93	$584.11	
5	$448.48	$515.89	$597.96	
6	$501.62	$577.02	$668.82	
7	$625.01	$718.96	$833.34	
8	$700.82	$806.16	$934.42	
9	$909.69	$1,046.43	$1,212.92	
10	$1,215.57	$1,398.28	$1,620.75	
11	$1,302.78	$1,498.61	$1,737.03	

See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(1)(b)

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

Ports

- Per ETS Basic Port

Rate Band	Monthly Rate 2 Mbps	5 Mbps	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$55.30	$61.22	$67.60	$75.11	
2	$61.66	$68.26	$75.37	$83.75	
3	$74.17	$82.11	$90.67	$100.74	
4	$80.63	$89.26	$98.57	$109.52	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(2)(a)
5	$82.54	$91.38	$100.90	$112.12	
6	$92.33	$102.21	$112.86	$125.40	
7	$115.04	$127.35	$140.62	$156.25	
8	$128.99	$142.80	$157.68	$175.20	
9	$167.43	$185.36	$204.68	$227.42	
10	$223.73	$247.69	$273.50	$303.88	
11	$239.79	$265.46	$293.12	$325.69	

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

Ports (Cont'd)

- Per ETS Basic Port (Cont'd)

Rate Band	Monthly Rate 50 Mbps	100 Mbps	250 Mbps	Nonrecurring Charge - All
1	$82.63	$90.14	$124.43	
2	$92.12	$100.50	$138.73	
3	$110.81	$120.89	$166.88	
4	$120.47	$131.43	$181.42	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(2)(a)
5	$123.33	$134.55	$185.72	
6	$137.94	$150.49	$207.73	
7	$171.87	$187.51	$258.83	
8	$192.72	$210.25	$290.22	
9	$250.16	$272.91	$376.72	
10	$334.27	$364.68	$503.39	
11	$358.26	$390.84	$539.50	

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

Ports (Cont'd)

- Per ETS Basic Port (Cont'd)

Rate Band	Monthly Rate 500 Mbps	750 Mbps	1 Gbps	Nonrecurring Charge - All
1	$157.74	$199.48	$240.37	
2	$175.87	$222.40	$268.00	
3	$211.56	$267.53	$322.38	
4	$229.99	$290.84	$350.47	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(2)(a)
5	$235.45	$297.74	$358.78	
6	$263.35	$333.02	$401.30	
7	$328.13	$414.94	$500.01	
8	$367.93	$465.27	$560.66	
9	$477.59	$603.94	$727.76	
10	$638.17	$807.01	$972.46	
11	$683.96	$864.91	$1,042.23	

(N)

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

Ports (Cont'd)

- Per ETS Interconnection Port

Rate Band	Monthly Rate 44.736 Mbps	Nonrecurring Charge	Monthly Rate 155.52 Mbps	Nonrecurring Charge
1	$901.40	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(2)(b)	$1,081.67	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(2)(b)
2	$1,004.98		$1,205.97	
3	$1,208.91		$1,450.70	
4	$1,314.26		$1,577.11	
5	$1,345.43		$1,614.51	
6	$1,504.85		$1,805.82	
7	$1,875.04		$2,250.04	
8	$2,102.46		$2,522.95	
9	$2,729.08		$3,274.90	
10	$3,646.72		$4,376.06	
11	$3,908.35		$4,690.02	

(N)

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

Ports (Cont'd)

- Per ETS Interconnection Port (Cont'd)

Rate Band	Monthly Rate 622.08 Mbps	Nonrecurring Charge
1	$1,802.79	
2	$2,009.95	
3	$2,417.82	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(2)(b)
4	$2,628.51	
5	$2,690.85	
6	$3,009.70	
7	$3,750.06	
8	$4,204.91	
9	$5,458.15	
10	$7,293.42	
11	$7,816.69	

(N)

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(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs)

- Per Intraswitch ETS EVC

Rate Band	Monthly Rate 2 Mbps	5 Mbps	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$0.00	$0.00	$0.00	$0.00	
2	$0.00	$0.00	$0.00	$0.00	
3	$0.00	$0.00	$0.00	$0.00	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(3)(a)
4	$0.00	$0.00	$0.00	$0.00	
5	$0.00	$0.00	$0.00	$0.00	
6	$0.00	$0.00	$0.00	$0.00	
7	$0.00	$0.00	$0.00	$0.00	
8	$0.00	$0.00	$0.00	$0.00	
9	$0.00	$0.00	$0.00	$0.00	
10	$0.00	$0.00	$0.00	$0.00	

(N)

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs)

- Per Intraswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time	Real Time
1	$0.24	$0.48
2	$0.26	$0.53
3	$0.32	$0.64
4	$0.34	$0.69
5	$0.35	$0.71
6	$0.39	$0.79
7	$0.49	$0.99
8	$0.55	$1.11
9	$0.71	$1.44
10	$0.95	$1.93
11	$1.02	$2.06

(N)

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Intraswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 50 Mbps	100 Mbps	250 Mbps	Nonrecurring Charge - All
1	$0.00	$0.00	$0.00	
2	$0.00	$0.00	$0.00	
3	$0.00	$0.00	$0.00	
4	$0.00	$0.00	$0.00	
5	$0.00	$0.00	$0.00	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(3)(a)
6	$0.00	$0.00	$0.00	
7	$0.00	$0.00	$0.00	
8	$0.00	$0.00	$0.00	
9	$0.00	$0.00	$0.00	
10	$0.00	$0.00	$0.00	
11	$0.00	$0.00	$0.00	

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Intraswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time	Real Time
1	$0.14	$0.27
2	$0.15	$0.31
3	$0.18	$0.37
4	$0.20	$0.40
5	$0.20	$0.41
6	$0.23	$0.46
7	$0.29	$0.57
8	$0.32	$0.64
9	$0.42	$0.83
10	$0.56	$1.11
11	$0.59	$1.19

(N)

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ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Intraswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 500 Mbps	750 Mbps	1 Gbps	Nonrecurring Charge - All
1	$0.00	$0.00	$0.00	
2	$0.00	$0.00	$0.00	
3	$0.00	$0.00	$0.00	
4	$0.00	$0.00	$0.00	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(3)(a)
5	$0.00	$0.00	$0.00	
6	$0.00	$0.00	$0.00	
7	$0.00	$0.00	$0.00	
8	$0.00	$0.00	$0.00	
9	$0.00	$0.00	$0.00	
10	$0.00	$0.00	$0.00	
11	$0.00	$0.00	$0.00	

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Intraswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time	Real Time
1	$0.08	$0.16
2	$0.09	$0.18
3	$0.10	$0.21
4	$0.11	$0.23
5	$0.12	$0.24
6	$0.13	$0.26
7	$0.16	$0.33
8	$0.18	$0.37
9	$0.23	$0.48
10	$0.31	$0.64
11	$0.33	$0.69

(N)

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Interswitch ETS EVC

Rate Band	Monthly Rate 2 Mbps	5 Mbps	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$23.70	$32.05	$60.09	$120.18	
2	$26.42	$35.74	$67.00	$133.99	
3	$31.79	$42.99	$80.59	$161.18	
4	$34.56	$46.73	$87.61	$175.23	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(3)(b)
5	$35.38	$47.84	$89.69	$179.39	
6	$39.57	$53.51	$100.32	$200.64	
7	$49.30	$66.67	$125.00	$250.00	
8	$55.28	$74.76	$140.16	$280.32	
9	$71.76	$97.04	$181.93	$363.87	
10	$95.88	$129.67	$243.11	$486.22	
11	$102.76	$138.97	$260.55	$521.10	

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Interswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time	Real Time
1	$0.79	$1.58
2	$0.88	$1.76
3	$1.06	$2.12
4	$1.15	$2.31
5	$1.18	$2.36
6	$1.32	$2.64
7	$1.64	$3.29
8	$1.84	$3.69
9	$2.39	$4.79
10	$3.19	$6.40
11	$3.42	$6.86

(N)

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Interswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 50 Mbps	100 Mbps	250 Mbps	Nonrecurring Charge - All
1	$168.26	$268.41	$553.00	
2	$187.60	$299.26	$616.55	
3	$225.66	$359.98	$741.66	
4	$245.33	$391.35	$806.29	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(3)(b)
5	$251.15	$400.63	$825.41	
6	$280.91	$448.11	$923.22	
7	$350.01	$558.34	$1,150.33	
8	$392.46	$626.06	$1,289.85	
9	$509.43	$812.65	$1,674.28	
10	$680.72	$1,085.90	$2,237.24	
11	$729.56	$1,163.81	$2,397.76	

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Interswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time	Real Time
1	$0.49	$0.99
2	$0.55	$1.10
3	$0.66	$1.32
4	$0.72	$1.44
5	$0.74	$1.47
6	$0.82	$1.65
7	$1.03	$2.05
8	$1.15	$2.30
9	$1.49	$2.99
10	$1.99	$3.99
11	$2.14	$4.28

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Interswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 500 Mbps	750 Mbps	1 Gbps	Nonrecurring Charge - All
1	$921.43	$1,224.51	$1,602.48	
2	$1,027.31	$1,365.22	$1,786.62	
3	$1,235.78	$1,642.26	$2,149.18	
4	$1,343.46	$1,785.36	$2,336.45	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(3)(b)
5	$1,375.32	$1,827.70	$2,391.87	
6	$1,538.29	$2,044.28	$2,675.29	
7	$1,916.70	$2,547.16	$3,333.39	
8	$2,149.18	$2,856.10	$3,737.70	
9	$2,789.73	$3,707.34	$4,851.69	
10	$3,727.75	$4,953.91	$6,483.04	
11	$3,995.20	$5,309.33	$6,948.17	

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Interswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time	Real Time
1	$0.30	$0.59
2	$0.33	$0.66
3	$0.40	$0.79
4	$0.43	$0.86
5	$0.44	$0.88
6	$0.49	$0.99
7	$0.62	$1.23
8	$0.69	$1.38
9	$0.90	$1.79
10	$1.20	$2.39
11	$1.28	$2.57

(N)

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(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Extended Ethernet Virtual Connections (E-EVCs)

- Per ETS E-EVC

Rate Band	Monthly Rate 2 Mbps	5 Mbps	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$15.80	$20.03	$36.06	$72.11	
2	$17.61	$22.33	$40.20	$80.40	
3	$21.19	$26.86	$48.36	$96.72	
4	$23.04	$29.20	$52.57	$105.14	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(4)
5	$23.58	$29.90	$53.82	$107.64	
6	$26.38	$33.44	$60.20	$120.39	
7	$32.86	$41.67	$75.00	$150.01	
8	$36.85	$46.72	$84.10	$168.20	
9	$47.83	$60.64	$109.17	$218.33	
10	$63.92	$81.04	$145.87	$291.74	
11	$68.50	$86.85	$156.34	$312.67	

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Extended Ethernet Virtual Connections (E-EVCs) (Cont'd)

- Per ETS E-EVC (Cont'd)

Rate Band	Monthly Rate 50 Mbps	100 Mbps	250 Mbps	Nonrecurring Charge - All
1	$112.17	$180.28	$375.25	
2	$125.06	$200.99	$418.37	
3	$150.44	$241.78	$503.27	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(4)
4	$163.55	$262.85	$547.13	
5	$167.43	$269.08	$560.11	
6	$187.27	$300.97	$626.47	
7	$233.34	$375.01	$780.58	
8	$261.64	$420.49	$875.26	
9	$339.62	$545.81	$1,136.12	
10	$453.81	$729.34	$1,518.14	
11	$486.37	$781.67	$1,627.06	

(N)

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Extended Ethernet Virtual Connections (E-EVCs) (Cont'd)

- Per ETS E-EVC (Cont'd)

Rate Band	Monthly Rate 500 Mbps	750 Mbps	1 Gbps	Nonrecurring Charge - All
1	$580.90	$790.00	$1,001.55	
2	$647.65	$880.78	$1,116.64	
3	$779.07	$1,059.52	$1,343.23	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(4)
4	$846.96	$1,151.84	$1,460.28	
5	$867.05	$1,179.16	$1,494.91	
6	$969.79	$1,318.88	$1,672.05	
7	$1,208.35	$1,643.32	$2,083.37	
8	$1,354.91	$1,842.64	$2,336.06	
9	$1,758.73	$2,391.83	$3,032.31	
10	$2,350.09	$3,196.06	$4,051.90	
11	$2,518.70	$3,425.36	$4,342.60	

(N)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

ETS Interconnected Ethernet Virtual Connections (I-EVCs)

(a) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is less than or equal to fifty miles. (T)

Capacity	Monthly Rate	Nonrecurring Charge
2 Mbps	$64.49	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(5)
5 Mbps	$83.71	
10 Mbps	$162.36	
20 Mbps	$308.42	
50 Mbps	$505.00	
100 Mbps	$749.02	
250 Mbps	$1,704.45	
500 Mbps	$2,335.16	
750 Mbps	$3,132.49	
1 Gbps	$3,965.37	

(T)

(b) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is between fifty-one and seventy-five miles. (N)

Capacity	Monthly Rate	Nonrecurring Charge
2 Mbps	$120.00	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(5)
5 Mbps	$190.00	
10 Mbps	$370.00	
20 Mbps	$500.00	
50 Mbps	$1,050.00	
100 Mbps	$1,280.00	
250 Mbps	$2,220.00	
500 Mbps	$3,040.00	
750 Mbps	$4,090.00	
1 Gbps	$5,200.00	

(N)

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

Optional Features and Functions

- DSL Access Service Connection

- Per ETS Basic Port equipped

Capacity	Nonrecurring Charge
2 Mbps 5 Mbps 10 Mbps 20 Mbps 50 Mbps 100 Mbps 250 Mbps 500 Mbps 750 Mbps 1 Gbps	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(6)(a)(i)

- Per ETS Interconnection Port equipped

Capacity	Nonrecurring Charge
44.736 Mbps 155.52 Mbps 622.08 Mbps	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(6)(a)(ii)

(N)

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 2 (Cont'd)

(ii) Plan 2 Rates (Cont'd)

Optional Features and Functions (Cont'd)

- DSL Access Service Connection (Cont'd)

- Per ETS MM-VCC

Rate Band	Monthly Rate Per 10 Mbps	Nonrecurring Charge Per MM-VCC
1	$1.80	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(6)(a)(iii)
2	$2.01	
3	$2.42	
4	$2.63	
5	$2.69	
6	$3.01	
7	$3.75	
8	$4.20	
9	$5.45	
10	$7.28	
11	$7.81	

- Per ETS LBR-VCC

Monthly Rate Per 64 kbps	Nonrecurring Charge Per LBR-VCC
$0.46	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(6)(a)(iv)

ETS Design Change Charge	Nonrecurring Charge
- Per ETS Design Change	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(6)(a)(v)

(N)

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO)

(c) ETS FRO Plan 3 (Cont'd)

(i) Plan 3 Availability

Subject to the requirements specified in Section 16.3.5(F), preceding, ETS FRO Plan 3 is available from the following Telephone Companies between March 1, 2014 and June 30, 2014:

Company Name	Study Area Number	Plan 3 ETS Rate Band Assignment	
Bentleyville Communications Corporation t/d/b/a The Bentleyville Telephone Company	170145	7	
Berkshire Telephone Company	150073	3	
Big Sandy Telecom, Inc.	462192	1	
C-R Telephone Company	341009	3	
Chautauqua & Erie Tel. Corp.	150078	2	
Chouteau Telephone Company	431981	3	
Columbine Acquisition Corp. d/b/a Columbine Telecom Company	462204	1	
Columbus Grove Telephone Company	300604	11	
Community Service Telephone Company	100015	11	
Copper Valley Telephone Cooperative, Inc.	613006	11	
El Paso Telephone Company	341004	1	
Ellensburg Telephone Company	522412	1	
FairPoint Communications Missouri, Inc.	421472	7	
Germantown Independent Tel. Co.	300618	1	
GTC, Inc.	210291	1	
GTC, Inc.	210329	1	
GTC, Inc.	210339	1	
Marianna-Scenery Hill Tel. Co.	170185	5	
Matanuska Telephone Association	613015	11	
Odin Telephone Exchange, Inc.	341065	3	
Orwell Telephone Company	300649	1	
Peoples Mutual Telephone Company, Inc.	190244	1	
Springville Coop. Tel. Assn., Inc.	351302	12	(N)
Sunflower Telephone Company, Inc.	411835	2	
Sunflower Telephone Company, Inc.	461835	7	
Taconic Telephone Corp.	150084	2	
YCOM Networks, Inc.	522453	1	

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates

Subject to the requirements specified in Section 16.3.5(F), preceding, the following ETS FRO Plan 3 stabilized rates apply in lieu of the monthly rates specified in Sections 17.4.8(C)(1) through (C)(6), above, for ETS Term Discount Plan customers that subscribe to this plan between March 1, 2014 and June 30, 2014. The nonrecurring charges associated with the following rate elements are not stabilized in ETS FRO Plan 3. Therefore, the non-stabilized nonrecurring charges specified in Sections 17.4.8(C)(1) through (C)(6), above, apply. The Telephone Company specific rate band assignment for ETS FRO Plan 3 stabilized rates is specified in (i), above. The ETS Term Discount Plan discount percentages for a 36 month or 60 month commitment will apply as described in Section 16.3.5, preceding. (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Channel Terminations

- Per termination when customer designated premises located within 300 feet of ETS SWC

Rate Band	Monthly Rate 2 Mbps	5 Mbps	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$17.02	$20.88	$24.12	$26.47	
2	$25.71	$31.55	$36.44	$40.00	
3	$34.41	$42.22	$48.77	$53.53	
4	$43.10	$52.89	$61.09	$67.06	
5	$51.80	$63.56	$73.42	$80.59	
6	$60.49	$74.24	$85.74	$94.12	
7	$69.19	$84.91	$98.06	$107.64	
8	$77.88	$95.58	$110.39	$121.17	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(1)(a)
9	$86.58	$106.25	$122.71	$134.70	
10	$95.27	$116.92	$135.04	$148.23	
11	$103.97	$127.59	$147.36	$161.76	
12	$112.66	$138.26	$159.69	$175.28	
13	$121.36	$148.93	$172.01	$188.81	
14	$130.05	$159.60	$184.33	$202.34	
15	$138.75	$170.27	$196.66	$215.87	
16	$147.44	$180.94	$208.98	$229.40	
17	$156.14	$191.61	$221.31	$242.93	
18	$164.83	$202.28	$233.63	$256.45	
19	$173.53	$212.95	$245.96	$269.98	
20	$182.22	$223.63	$258.28	$283.51	
21	$190.92	$234.30	$270.60	$297.04	
22	$240.08	$294.62	$340.28	$373.52	

(N)

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Channel Terminations (Cont'd)

- Per termination when customer designated premises located within 300 feet of ETS SWC (Cont'd)

Rate Band	Monthly Rate 50 Mbps	100 Mbps	250 Mbps	Nonrecurring Charge - All
1	$31.77	$35.30	$50.27	
2	$48.00	$53.34	$75.96	
3	$64.23	$71.38	$101.65	
4	$80.47	$89.41	$127.33	
5	$96.70	$107.45	$153.02	
6	$112.94	$125.49	$178.71	
7	$129.17	$143.53	$204.40	
8	$145.40	$161.57	$230.09	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(1)(a)
9	$161.64	$179.61	$255.77	
10	$177.87	$197.64	$281.46	
11	$194.10	$215.68	$307.15	
12	$210.34	$233.72	$332.84	
13	$226.57	$251.76	$358.53	
14	$242.80	$269.80	$384.21	
15	$259.04	$287.84	$409.90	
16	$275.27	$305.87	$435.59	
17	$291.50	$323.91	$461.28	
18	$307.74	$341.95	$486.97	
19	$323.97	$359.99	$512.65	
20	$340.20	$378.03	$538.34	
21	$356.44	$396.07	$564.03	
22	$448.21	$498.04	$709.26	

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Channel Terminations (Cont'd)

- Per termination when customer designated premises located within 300 feet of ETS SWC (Cont'd)

Rate Band	Monthly Rate 500 Mbps	750 Mbps	1 Gbps	Nonrecurring Charge - All
1	$65.89	$76.57	$87.65	
2	$99.56	$115.69	$132.45	
3	$133.23	$154.82	$177.24	
4	$166.90	$193.94	$222.03	
5	$200.57	$233.07	$266.82	
6	$234.24	$272.19	$311.61	
7	$267.91	$311.32	$356.40	
8	$301.58	$350.44	$401.19	
9	$335.25	$389.57	$445.98	
10	$368.92	$428.69	$490.77	
11	$402.59	$467.82	$535.57	
12	$436.26	$506.94	$580.36	
13	$469.93	$546.07	$625.15	
14	$503.60	$585.19	$669.94	
15	$537.27	$624.32	$714.73	
16	$570.94	$663.44	$759.52	
17	$604.61	$702.57	$804.31	
18	$638.28	$741.69	$849.10	
19	$671.95	$780.82	$893.90	
20	$705.62	$819.95	$938.69	
21	$739.29	$859.07	$983.48	
22	$929.64	$1,080.26	$1,236.70	

See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(1)(a)

(N)

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Channel Terminations (Cont'd)

- Per termination when customer designated premises located within 300 feet of ETS SWC (Cont'd)

Rate Band	Monthly Rate 2.5 Gbps	5 Gbps	10 Gbps	Nonrecurring Charge - All
1	$169.42	$257.23	$351.24	
2	$256.00	$388.68	$530.73	
3	$342.57	$520.12	$710.21	
4	$429.15	$651.57	$889.70	
5	$515.72	$783.01	$1,069.18	
6	$602.30	$914.46	$1,248.67	
7	$688.87	$1,045.91	$1,428.15	
8	$775.44	$1,177.35	$1,607.63	
9	$862.02	$1,308.80	$1,787.12	
10	$948.59	$1,440.24	$1,966.60	
11	$1,035.17	$1,571.69	$2,146.09	
12	$1,121.74	$1,703.13	$2,325.57	
13	$1,208.32	$1,834.58	$2,505.06	
14	$1,294.89	$1,966.02	$2,684.54	
15	$1,381.47	$2,097.47	$2,864.03	
16	$1,468.04	$2,228.92	$3,043.51	
17	$1,554.62	$2,360.36	$3,223.00	
18	$1,641.19	$2,491.81	$3,402.48	
19	$1,727.77	$2,623.25	$3,581.97	
20	$1,814.34	$2,754.70	$3,761.45	
21	$1,900.91	$2,886.14	$3,940.94	
22	$2,390.36	$3,629.27	$4,955.64	

See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(1)(a)

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Channel Terminations (Cont'd)

- Per termination when customer designated premises located more than 300 feet from ETS SWC

Rate Band	Monthly Rate 2 Mbps	5 Mbps	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$59.80	$60.46	$61.32	$69.37	
2	$90.36	$91.35	$92.65	$104.82	
3	$120.92	$122.25	$123.98	$140.26	
4	$151.47	$153.14	$155.32	$175.71	
5	$182.03	$184.03	$186.65	$211.16	
6	$212.59	$214.93	$217.99	$246.60	
7	$243.15	$245.82	$249.32	$282.05	
8	$273.70	$276.72	$280.65	$317.50	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(1)(b)
9	$304.26	$307.61	$311.99	$352.94	
10	$334.82	$338.50	$343.32	$388.39	
11	$365.38	$369.40	$374.65	$423.84	
12	$395.94	$400.29	$405.99	$459.29	
13	$426.49	$431.19	$437.32	$494.73	
14	$457.05	$462.08	$468.65	$530.18	
15	$487.61	$492.97	$499.99	$565.63	
16	$518.17	$523.87	$531.32	$601.07	
17	$548.72	$554.76	$562.65	$636.52	
18	$579.28	$585.66	$593.99	$671.97	
19	$609.84	$616.55	$625.32	$707.41	
20	$640.40	$647.44	$656.65	$742.86	
21	$670.96	$678.34	$687.99	$778.31	
22	$843.71	$853.00	$865.13	$978.71	

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Channel Terminations (Cont'd)

- Per termination when customer designated premises located more than 300 feet from ETS SWC (Cont'd)

Rate Band	Monthly Rate 50 Mbps	100 Mbps	250 Mbps	Nonrecurring Charge - All
1	$81.39	$85.16	$88.94	
2	$122.97	$128.68	$134.39	
3	$164.56	$172.20	$179.84	
4	$206.15	$215.72	$225.29	
5	$247.74	$259.23	$270.73	
6	$289.33	$302.75	$316.18	
7	$330.92	$346.27	$361.63	
8	$372.50	$389.79	$407.08	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(1)(b)
9	$414.09	$433.30	$452.53	
10	$455.68	$476.82	$497.98	
11	$497.27	$520.34	$543.42	
12	$538.86	$563.86	$588.87	
13	$580.44	$607.38	$634.32	
14	$622.03	$650.89	$679.77	
15	$663.62	$694.41	$725.22	
16	$705.21	$737.93	$770.67	
17	$746.80	$781.45	$816.11	
18	$788.39	$824.96	$861.56	
19	$829.97	$868.48	$907.01	
20	$871.56	$912.00	$952.46	
21	$913.15	$955.52	$997.91	
22	$1,148.27	$1,201.54	$1,254.85	

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Channel Terminations (Cont'd)

- Per termination when customer designated premises located more than 300 feet from ETS SWC (Cont'd)

Rate Band	Monthly Rate 500 Mbps	750 Mbps	1 Gbps	Nonrecurring Charge - All
1	$117.66	$135.34	$156.88	
2	$177.78	$204.50	$237.04	
3	$237.91	$273.67	$317.21	
4	$298.03	$342.83	$397.37	
5	$358.16	$411.99	$477.54	
6	$418.28	$481.15	$557.70	
7	$478.41	$550.31	$637.87	
8	$538.53	$619.47	$718.03	
9	$598.65	$688.63	$798.20	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(1)(b)
10	$658.78	$757.79	$878.36	
11	$718.90	$826.95	$958.52	
12	$779.03	$896.11	$1,038.69	
13	$839.15	$965.27	$1,118.85	
14	$899.28	$1,034.43	$1,199.02	
15	$959.40	$1,103.59	$1,279.18	
16	$1,019.52	$1,172.76	$1,359.35	
17	$1,079.65	$1,241.92	$1,439.51	
18	$1,139.77	$1,311.08	$1,519.68	
19	$1,199.90	$1,380.24	$1,599.84	
20	$1,260.02	$1,449.40	$1,680.01	
21	$1,320.15	$1,518.56	$1,760.17	
22	$1,660.06	$1,909.56	$2,213.38	

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Channel Terminations (Cont'd)

- Per termination when customer designated premises located more than 300 feet from ETS SWC (Cont'd)

Rate Band	Monthly Rate 2.5 Gbps	5 Gbps	10 Gbps	Nonrecurring Charge - All
1	$302.69	$459.71	$628.10	
2	$457.36	$694.63	$949.06	
3	$612.04	$929.54	$1,270.02	
4	$766.71	$1,164.46	$1,590.98	
5	$921.38	$1,399.37	$1,911.94	
6	$1,076.06	$1,634.28	$2,232.90	
7	$1,230.73	$1,869.20	$2,553.86	
8	$1,385.40	$2,104.11	$2,874.82	
9	$1,540.08	$2,339.02	$3,195.78	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(1)(b)
10	$1,694.75	$2,573.94	$3,516.74	
11	$1,849.42	$2,808.85	$3,837.70	
12	$2,004.10	$3,043.77	$4,158.66	
13	$2,158.77	$3,278.68	$4,479.62	
14	$2,313.44	$3,513.59	$4,800.58	
15	$2,468.12	$3,748.51	$5,121.54	
16	$2,622.79	$3,983.42	$5,442.50	
17	$2,777.47	$4,218.34	$5,763.46	
18	$2,932.14	$4,453.25	$6,084.42	
19	$3,086.81	$4,688.16	$6,405.38	
20	$3,241.49	$4,923.08	$6,726.34	
21	$3,396.16	$5,157.99	$7,047.30	
22	$4,270.60	$6,486.07	$8,861.84	

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

Ports

- Per ETS Basic Port

Rate Band	Monthly Rate 2 Mbps	5 Mbps	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$21.66	$23.97	$26.47	$29.41	
2	$32.72	$36.22	$40.00	$44.44	
3	$43.79	$48.48	$53.53	$59.48	
4	$54.85	$60.73	$67.06	$74.51	
5	$65.92	$72.98	$80.59	$89.54	
6	$76.99	$85.23	$94.12	$104.57	
7	$88.05	$97.48	$107.64	$119.60	
8	$99.12	$109.73	$121.17	$134.63	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(2)(a)
9	$110.19	$121.98	$134.70	$149.66	
10	$121.25	$134.23	$148.23	$164.69	
11	$132.32	$146.48	$161.76	$179.72	
12	$143.38	$158.73	$175.28	$194.75	
13	$154.45	$170.98	$188.81	$209.78	
14	$165.52	$183.23	$202.34	$224.81	
15	$176.58	$195.48	$215.87	$239.84	
16	$187.65	$207.73	$229.40	$254.87	
17	$198.72	$219.99	$242.93	$269.90	
18	$209.78	$232.24	$256.45	$284.93	
19	$220.85	$244.49	$269.98	$299.96	
20	$231.91	$256.74	$283.51	$314.99	
21	$242.98	$268.99	$297.04	$330.03	
22	$305.54	$338.25	$373.52	$415.00	

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

Ports (Cont'd)

- Per ETS Basic Port (Cont'd)

Rate Band	Monthly Rate 50 Mbps	100 Mbps	250 Mbps	Nonrecurring Charge - All
1	$32.35	$35.30	$48.72	
2	$48.89	$53.34	$73.62	
3	$65.42	$71.38	$98.52	
4	$81.95	$89.41	$123.42	
5	$98.49	$107.45	$148.32	
6	$115.02	$125.49	$173.21	
7	$131.55	$143.53	$198.11	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(2)(a)
8	$148.08	$161.57	$223.01	
9	$164.62	$179.61	$247.91	
10	$181.15	$197.64	$272.81	
11	$197.68	$215.68	$297.70	
12	$214.22	$233.72	$322.60	
13	$230.75	$251.76	$347.50	
14	$247.28	$269.80	$372.40	
15	$263.81	$287.84	$397.30	
16	$280.35	$305.87	$422.19	
17	$296.88	$323.91	$447.09	
18	$313.41	$341.95	$471.99	
19	$329.95	$359.99	$496.89	
20	$346.48	$378.03	$521.79	
21	$363.01	$396.07	$546.68	
22	$456.48	$498.04	$687.44	

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

Ports (Cont'd)

- Per ETS Basic Port (Cont'd)

Rate Band	Monthly Rate 500 Mbps	750 Mbps	1 Gbps	Nonrecurring Charge - All
1	$61.77	$78.11	$94.13	
2	$93.34	$118.03	$142.23	
3	$124.90	$157.95	$190.33	
4	$156.47	$197.86	$238.43	
5	$188.03	$237.78	$286.53	
6	$219.60	$277.70	$334.63	
7	$251.16	$317.61	$382.72	
8	$282.73	$357.53	$430.82	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(2)(a)
9	$314.30	$397.44	$478.92	
10	$345.86	$437.36	$527.02	
11	$377.43	$477.28	$575.12	
12	$408.99	$517.19	$623.22	
13	$440.56	$557.11	$671.32	
14	$472.12	$597.03	$719.42	
15	$503.69	$636.94	$767.52	
16	$535.25	$676.86	$815.62	
17	$566.82	$716.77	$863.72	
18	$598.39	$756.69	$911.82	
19	$629.95	$796.61	$959.92	
20	$661.52	$836.52	$1,008.02	
21	$693.08	$876.44	$1,056.12	
22	$871.54	$1,102.10	$1,328.04	

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

Ports (Cont'd)

- Per ETS Basic Port (Cont'd)

Rate Band	Monthly Rate 2.5 Gbps	5 Gbps	10 Gbps	Nonrecurring Charge - All
1	$180.79	$274.79	$376.03	
2	$273.17	$415.21	$568.19	
3	$365.55	$555.63	$760.34	
4	$457.93	$696.05	$952.49	
5	$550.31	$836.47	$1,144.65	
6	$642.69	$976.89	$1,336.80	
7	$735.08	$1,117.31	$1,528.95	
8	$827.46	$1,257.73	$1,721.11	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(2)(a)
9	$919.84	$1,398.15	$1,913.26	
10	$1,012.22	$1,538.57	$2,105.41	
11	$1,104.60	$1,678.99	$2,297.57	
12	$1,196.98	$1,819.41	$2,489.72	
13	$1,289.37	$1,959.83	$2,681.87	
14	$1,381.75	$2,100.25	$2,874.03	
15	$1,474.13	$2,240.67	$3,066.18	
16	$1,566.51	$2,381.09	$3,258.33	
17	$1,658.89	$2,521.51	$3,450.49	
18	$1,751.27	$2,661.93	$3,642.64	
19	$1,843.66	$2,802.35	$3,834.79	
20	$1,936.04	$2,942.77	$4,026.95	
21	$2,028.42	$3,083.19	$4,219.10	
22	$2,550.69	$3,877.05	$5,305.43	

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

Ports (Cont'd)

- Per ETS Interconnection Port

Rate Band	Monthly Rate 44.736 Mbps	Monthly Rate 155.52 Mbps	Nonrecurring Charge
1	$352.98	$423.57	
2	$533.35	$640.02	
3	$713.72	$856.47	
4	$894.09	$1,072.91	
5	$1,074.47	$1,289.36	
6	$1,254.84	$1,505.81	
7	$1,435.21	$1,722.25	
8	$1,615.58	$1,938.70	
9	$1,795.95	$2,155.14	
10	$1,976.32	$2,371.59	
11	$2,156.70	$2,588.04	
12	$2,337.07	$2,804.48	
13	$2,517.44	$3,020.93	
14	$2,697.81	$3,237.38	
15	$2,878.18	$3,453.82	
16	$3,058.55	$3,670.27	
17	$3,238.93	$3,886.72	
18	$3,419.30	$4,103.16	
19	$3,599.67	$4,319.61	
20	$3,780.04	$4,536.05	
21	$3,960.41	$4,752.50	
22	$4,980.14	$5,976.17	

See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(2)(b)

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

Ports (Cont'd)

- Per ETS Interconnection Port (Cont'd)

Rate Band	Monthly Rate 622.08 Mbps	Nonrecurring Charge
1	$705.96	
2	$1,066.70	
3	$1,427.44	
4	$1,788.19	
5	$2,148.93	
6	$2,509.67	
7	$2,870.42	
8	$3,231.16	
9	$3,591.90	
10	$3,952.65	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(2)(b)
11	$4,313.39	
12	$4,674.13	
13	$5,034.88	
14	$5,395.62	
15	$5,756.37	
16	$6,117.11	
17	$6,477.85	
18	$6,838.60	
19	$7,199.34	
20	$7,560.08	
21	$7,920.83	
22	$9,960.28	

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs)

- Per Intraswitch ETS EVC

Rate Band	Monthly Rate 2 Mbps	5 Mbps	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$0.00	$0.00	$0.00	$0.00	
2	$0.00	$0.00	$0.00	$0.00	
3	$0.00	$0.00	$0.00	$0.00	
4	$0.00	$0.00	$0.00	$0.00	
5	$0.00	$0.00	$0.00	$0.00	
6	$0.00	$0.00	$0.00	$0.00	
7	$0.00	$0.00	$0.00	$0.00	
8	$0.00	$0.00	$0.00	$0.00	
9	$0.00	$0.00	$0.00	$0.00	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(3)(a)
10	$0.00	$0.00	$0.00	$0.00	
11	$0.00	$0.00	$0.00	$0.00	
12	$0.00	$0.00	$0.00	$0.00	
13	$0.00	$0.00	$0.00	$0.00	
14	$0.00	$0.00	$0.00	$0.00	
15	$0.00	$0.00	$0.00	$0.00	
16	$0.00	$0.00	$0.00	$0.00	
17	$0.00	$0.00	$0.00	$0.00	
18	$0.00	$0.00	$0.00	$0.00	
19	$0.00	$0.00	$0.00	$0.00	
20	$0.00	$0.00	$0.00	$0.00	
21	$0.00	$0.00	$0.00	$0.00	
22	$0.00	$0.00	$0.00	$0.00	

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs)

- Per Intraswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

	Monthly Rate Per CoS Level, Per Megabit	
Rate Band	Near Real Time CoS	Real Time CoS/QoS
1	$0.13	$0.27
2	$0.20	$0.40
3	$0.27	$0.54
4	$0.33	$0.68
5	$0.40	$0.82
6	$0.47	$0.95
7	$0.54	$1.09
8	$0.60	$1.23
9	$0.67	$1.36
10	$0.74	$1.50
11	$0.81	$1.64
12	$0.87	$1.77
13	$0.94	$1.91
14	$1.01	$2.05
15	$1.08	$2.19
16	$1.14	$2.32
17	$1.21	$2.46
18	$1.28	$2.60
19	$1.35	$2.73
20	$1.41	$2.87
21	$1.48	$3.01
22	$1.86	$3.78

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Intraswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 50 Mbps	100 Mbps	250 Mbps	Nonrecurring Charge - All
1	$0.00	$0.00	$0.00	
2	$0.00	$0.00	$0.00	
3	$0.00	$0.00	$0.00	
4	$0.00	$0.00	$0.00	
5	$0.00	$0.00	$0.00	
6	$0.00	$0.00	$0.00	
7	$0.00	$0.00	$0.00	
8	$0.00	$0.00	$0.00	
9	$0.00	$0.00	$0.00	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(3)(a)
10	$0.00	$0.00	$0.00	
11	$0.00	$0.00	$0.00	
12	$0.00	$0.00	$0.00	
13	$0.00	$0.00	$0.00	
14	$0.00	$0.00	$0.00	
15	$0.00	$0.00	$0.00	
16	$0.00	$0.00	$0.00	
17	$0.00	$0.00	$0.00	
18	$0.00	$0.00	$0.00	
19	$0.00	$0.00	$0.00	
20	$0.00	$0.00	$0.00	
21	$0.00	$0.00	$0.00	
22	$0.00	$0.00	$0.00	

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Intraswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

	Monthly Rate Per CoS Level, Per Megabit	
Rate Band	Near Real Time CoS	Real Time CoS/QoS
1	$0.08	$0.15
2	$0.12	$0.23
3	$0.16	$0.31
4	$0.20	$0.39
5	$0.24	$0.46
6	$0.28	$0.54
7	$0.32	$0.62
8	$0.36	$0.70
9	$0.40	$0.77
10	$0.44	$0.85
11	$0.48	$0.93
12	$0.52	$1.01
13	$0.56	$1.08
14	$0.60	$1.16
15	$0.64	$1.24
16	$0.68	$1.32
17	$0.72	$1.39
18	$0.76	$1.47
19	$0.80	$1.55
20	$0.84	$1.63
21	$0.88	$1.71
22	$1.10	$2.14

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Intraswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 500 Mbps	750 Mbps	1 Gbps	Nonrecurring Charge - All
1	$0.00	$0.00	$0.00	
2	$0.00	$0.00	$0.00	
3	$0.00	$0.00	$0.00	
4	$0.00	$0.00	$0.00	
5	$0.00	$0.00	$0.00	
6	$0.00	$0.00	$0.00	
7	$0.00	$0.00	$0.00	
8	$0.00	$0.00	$0.00	See the non-stabilized
9	$0.00	$0.00	$0.00	nonrecurring charges as
10	$0.00	$0.00	$0.00	set forth in
11	$0.00	$0.00	$0.00	Section 17.4.8(C)(3)(a)
12	$0.00	$0.00	$0.00	
13	$0.00	$0.00	$0.00	
14	$0.00	$0.00	$0.00	
15	$0.00	$0.00	$0.00	
16	$0.00	$0.00	$0.00	
17	$0.00	$0.00	$0.00	
18	$0.00	$0.00	$0.00	
19	$0.00	$0.00	$0.00	
20	$0.00	$0.00	$0.00	
21	$0.00	$0.00	$0.00	
22	$0.00	$0.00	$0.00	

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Intraswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time CoS	Real Time CoS/QoS
1	$0.04	$0.09
2	$0.07	$0.13
3	$0.09	$0.18
4	$0.11	$0.22
5	$0.13	$0.27
6	$0.16	$0.31
7	$0.18	$0.36
8	$0.20	$0.40
9	$0.22	$0.45
10	$0.25	$0.49
11	$0.27	$0.54
12	$0.29	$0.58
13	$0.31	$0.63
14	$0.34	$0.67
15	$0.36	$0.72
16	$0.38	$0.76
17	$0.40	$0.81
18	$0.43	$0.85
19	$0.45	$0.90
20	$0.47	$0.94
21	$0.49	$0.99
22	$0.62	$1.24

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Intraswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 2.5 Gbps	5 Gbps	10 Gbps	Nonrecurring Charge - All
1	$0.00	$0.00	$0.00	
2	$0.00	$0.00	$0.00	
3	$0.00	$0.00	$0.00	
4	$0.00	$0.00	$0.00	
5	$0.00	$0.00	$0.00	
6	$0.00	$0.00	$0.00	
7	$0.00	$0.00	$0.00	
8	$0.00	$0.00	$0.00	See the non-stabilized
9	$0.00	$0.00	$0.00	nonrecurring charges as
10	$0.00	$0.00	$0.00	set forth in
11	$0.00	$0.00	$0.00	Section 17.4.8(C)(3)(a)
12	$0.00	$0.00	$0.00	
13	$0.00	$0.00	$0.00	
14	$0.00	$0.00	$0.00	
15	$0.00	$0.00	$0.00	
16	$0.00	$0.00	$0.00	
17	$0.00	$0.00	$0.00	
18	$0.00	$0.00	$0.00	
19	$0.00	$0.00	$0.00	
20	$0.00	$0.00	$0.00	
21	$0.00	$0.00	$0.00	
22	$0.00	$0.00	$0.00	

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Intraswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 2.5 Gbps to 10 Gbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time CoS	Real Time CoS/QoS
1	$0.03	$0.06
2	$0.05	$0.09
3	$0.06	$0.13
4	$0.08	$0.16
5	$0.09	$0.19
6	$0.11	$0.22
7	$0.12	$0.25
8	$0.14	$0.28
9	$0.15	$0.32
10	$0.17	$0.35
11	$0.18	$0.38
12	$0.20	$0.41
13	$0.21	$0.44
14	$0.23	$0.47
15	$0.24	$0.51
16	$0.26	$0.54
17	$0.28	$0.57
18	$0.29	$0.60
19	$0.31	$0.63
20	$0.32	$0.66
21	$0.34	$0.70
22	$0.42	$0.87

(N)

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Interswitch ETS EVC

Rate Band	Monthly Rate 2 Mbps	5 Mbps	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$9.28	$12.55	$23.53	$47.06	
2	$14.03	$18.96	$35.55	$71.11	
3	$18.77	$25.38	$47.58	$95.16	
4	$23.51	$31.79	$59.60	$119.21	
5	$28.25	$38.20	$71.63	$143.26	
6	$33.00	$44.62	$83.65	$167.31	
7	$37.74	$51.03	$95.67	$191.35	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(3)(b)
8	$42.48	$57.44	$107.70	$215.40	
9	$47.23	$63.85	$119.72	$239.45	
10	$51.97	$70.27	$131.74	$263.50	
11	$56.71	$76.68	$143.77	$287.55	
12	$61.46	$83.09	$155.79	$311.60	
13	$66.20	$89.51	$167.82	$335.65	
14	$70.94	$95.92	$179.84	$359.69	
15	$75.69	$102.33	$191.86	$383.74	
16	$80.43	$108.75	$203.89	$407.79	
17	$85.17	$115.16	$215.91	$431.84	
18	$89.91	$121.57	$227.94	$455.89	
19	$94.66	$127.98	$239.96	$479.94	
20	$99.40	$134.40	$251.98	$503.99	
21	$104.14	$140.81	$264.01	$528.04	
22	$130.96	$177.07	$331.98	$663.99	

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Interswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time CoS	Real Time CoS/QoS
1	$0.44	$0.89
2	$0.67	$1.34
3	$0.89	$1.79
4	$1.12	$2.24
5	$1.35	$2.70
6	$1.57	$3.15
7	$1.80	$3.60
8	$2.02	$4.06
9	$2.25	$4.51
10	$2.47	$4.96
11	$2.70	$5.41
12	$2.93	$5.87
13	$3.15	$6.32
14	$3.38	$6.77
15	$3.60	$7.22
16	$3.83	$7.68
17	$4.06	$8.13
18	$4.28	$8.58
19	$4.51	$9.04
20	$4.73	$9.49
21	$4.96	$9.94
22	$6.24	$12.50

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Interswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 50 Mbps	100 Mbps	250 Mbps	Nonrecurring Charge - All
1	$65.89	$105.11	$216.55	
2	$99.56	$158.82	$327.21	
3	$133.23	$212.53	$437.87	
4	$166.90	$266.24	$548.53	
5	$200.57	$319.95	$659.18	
6	$234.24	$373.66	$769.84	
7	$267.91	$427.37	$880.50	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(3)(b)
8	$301.58	$481.08	$991.16	
9	$335.25	$534.79	$1,101.82	
10	$368.92	$588.50	$1,212.47	
11	$402.59	$642.21	$1,323.13	
12	$436.26	$695.92	$1,433.79	
13	$469.93	$749.63	$1,544.45	
14	$503.60	$803.34	$1,655.11	
15	$537.27	$857.05	$1,765.77	
16	$570.94	$910.76	$1,876.42	
17	$604.61	$964.47	$1,987.08	
18	$638.28	$1,018.18	$2,097.74	
19	$671.95	$1,071.89	$2,208.40	
20	$705.62	$1,125.60	$2,319.06	
21	$739.29	$1,179.31	$2,429.71	
22	$929.64	$1,482.96	$3,055.31	

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Interswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time CoS	Real Time CoS/QoS
1	$0.28	$0.55
2	$0.42	$0.83
3	$0.56	$1.12
4	$0.70	$1.40
5	$0.84	$1.68
6	$0.98	$1.96
7	$1.12	$2.24
8	$1.26	$2.53
9	$1.40	$2.81
10	$1.55	$3.09
11	$1.69	$3.37
12	$1.83	$3.65
13	$1.97	$3.94
14	$2.11	$4.22
15	$2.25	$4.50
16	$2.39	$4.78
17	$2.53	$5.07
18	$2.67	$5.35
19	$2.81	$5.63
20	$2.96	$5.91
21	$3.10	$6.19
22	$3.89	$7.79

(N)

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Interswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 500 Mbps	750 Mbps	1 Gbps	Nonrecurring Charge - All
1	$360.82	$479.51	$627.52	
2	$545.20	$724.53	$948.18	
3	$729.58	$969.56	$1,268.84	
4	$913.96	$1,214.59	$1,589.50	
5	$1,098.34	$1,459.62	$1,910.16	
6	$1,282.72	$1,704.64	$2,230.82	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(3)(b)
7	$1,467.10	$1,949.67	$2,551.48	
8	$1,651.48	$2,194.70	$2,872.14	
9	$1,835.86	$2,439.73	$3,192.80	
10	$2,020.24	$2,684.75	$3,513.46	
11	$2,204.62	$2,929.78	$3,834.12	
12	$2,389.00	$3,174.81	$4,154.78	
13	$2,573.38	$3,419.84	$4,475.44	
14	$2,757.76	$3,664.86	$4,796.10	
15	$2,942.14	$3,909.89	$5,116.77	
16	$3,126.52	$4,154.92	$5,437.43	
17	$3,310.90	$4,399.95	$5,758.09	
18	$3,495.28	$4,644.97	$6,078.75	
19	$3,679.66	$4,890.00	$6,399.41	
20	$3,864.04	$5,135.03	$6,720.07	
21	$4,048.42	$5,380.06	$7,040.73	
22	$5,090.81	$6,765.31	$8,853.57	

(N)

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Interswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time CoS	Real Time CoS/QoS
1	$0.17	$0.33
2	$0.25	$0.50
3	$0.34	$0.67
4	$0.42	$0.84
5	$0.51	$1.01
6	$0.59	$1.18
7	$0.67	$1.35
8	$0.76	$1.52
9	$0.84	$1.69
10	$0.93	$1.86
11	$1.01	$2.03
12	$1.10	$2.20
13	$1.18	$2.37
14	$1.27	$2.54
15	$1.35	$2.71
16	$1.44	$2.88
17	$1.52	$3.05
18	$1.61	$3.22
19	$1.69	$3.39
20	$1.78	$3.56
21	$1.86	$3.73
22	$2.34	$4.68

(N)

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(b) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Interswitch ETS EVC (Cont'd)

Rate Band	Monthly Rate 2.5 Gbps	5 Gbps	10 Gbps	Nonrecurring Charge - All
1	$1,208.68	$1,836.79	$2,512.41	
2	$1,826.32	$2,775.38	$3,796.25	
3	$2,443.96	$3,713.98	$5,080.09	
4	$3,061.60	$4,652.58	$6,363.93	
5	$3,679.23	$5,591.18	$7,647.78	
6	$4,296.87	$6,529.77	$8,931.62	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(3)(b)
7	$4,914.51	$7,468.37	$10,215.46	
8	$5,532.15	$8,406.97	$11,499.30	
9	$6,149.78	$9,345.57	$12,783.14	
10	$6,767.42	$10,284.16	$14,066.98	
11	$7,385.06	$11,222.76	$15,350.83	
12	$8,002.70	$12,161.36	$16,634.67	
13	$8,620.33	$13,099.96	$17,918.51	
14	$9,237.97	$14,038.56	$19,202.35	
15	$9,855.61	$14,977.15	$20,486.19	
16	$10,473.25	$15,915.75	$21,770.03	
17	$11,090.88	$16,854.35	$23,053.87	
18	$11,708.52	$17,792.95	$24,337.72	
19	$12,326.16	$18,731.54	$25,621.56	
20	$12,943.80	$19,670.14	$26,905.40	
21	$13,561.43	$20,608.74	$28,189.24	
22	$17,053.22	$25,915.06	$35,447.39	

(N)

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17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Ethernet Virtual Connections (EVCs) (Cont'd)

- Per Interswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 2.5 Gbps to 10 Gbps

Monthly Rate Per CoS Level, Per Megabit

Rate Band	Near Real Time CoS	Real Time CoS/QoS
1	$0.10	$0.21
2	$0.16	$0.31
3	$0.21	$0.42
4	$0.26	$0.52
5	$0.32	$0.63
6	$0.37	$0.73
7	$0.42	$0.84
8	$0.48	$0.94
9	$0.53	$1.05
10	$0.58	$1.15
11	$0.64	$1.26
12	$0.69	$1.36
13	$0.74	$1.47
14	$0.79	$1.57
15	$0.85	$1.68
16	$0.90	$1.78
17	$0.95	$1.89
18	$1.01	$2.00
19	$1.06	$2.10
20	$1.11	$2.21
21	$1.17	$2.31
22	$1.47	$2.91

(N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Extended Ethernet Virtual Connections (E-EVCs)

- Per ETS E-EVC

Rate Band	Monthly Rate 2 Mbps	5 Mbps	10 Mbps	20 Mbps	Nonrecurring Charge - All
1	$6.19	$7.84	$14.12	$28.24	
2	$9.35	$11.85	$21.34	$42.67	
3	$12.51	$15.86	$28.55	$57.10	
4	$15.67	$19.86	$35.77	$71.53	
5	$18.84	$23.87	$42.98	$85.96	
6	$22.00	$27.88	$50.20	$100.39	
7	$25.16	$31.89	$57.41	$114.82	
8	$28.32	$35.89	$64.63	$129.25	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(4)
9	$31.48	$39.90	$71.84	$143.67	
10	$34.65	$43.91	$79.06	$158.10	
11	$37.81	$47.91	$86.27	$172.53	
12	$40.97	$51.92	$93.49	$186.96	
13	$44.13	$55.93	$100.70	$201.39	
14	$47.29	$59.94	$107.92	$215.82	
15	$50.46	$63.94	$115.13	$230.25	
16	$53.62	$67.95	$122.35	$244.68	
17	$56.78	$71.96	$129.57	$259.11	
18	$59.94	$75.97	$136.78	$273.54	
19	$63.11	$79.97	$144.00	$287.97	
20	$66.27	$83.98	$151.21	$302.40	
21	$69.43	$87.99	$158.43	$316.83	
22	$87.31	$110.64	$199.22	$398.41	

(N)

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Extended Ethernet Virtual Connections (E-EVCs) (Cont'd)

- Per ETS E-EVC (Cont'd)

Rate Band	Monthly Rate 50 Mbps	100 Mbps	250 Mbps	Nonrecurring Charge - All
1	$43.93	$70.60	$146.95	
2	$66.37	$106.67	$222.04	
3	$88.82	$142.75	$297.12	
4	$111.26	$178.82	$372.21	
5	$133.71	$214.89	$447.30	
6	$156.16	$250.97	$522.39	
7	$178.60	$287.04	$597.48	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(4)
8	$201.05	$323.12	$672.57	
9	$223.50	$359.19	$747.66	
10	$245.94	$395.27	$822.75	
11	$268.39	$431.34	$897.84	
12	$290.83	$467.42	$972.93	
13	$313.28	$503.49	$1,048.02	
14	$335.73	$539.57	$1,123.11	
15	$358.17	$575.64	$1,198.20	
16	$380.62	$611.71	$1,273.29	
17	$403.06	$647.79	$1,348.38	
18	$425.51	$683.86	$1,423.47	
19	$447.96	$719.94	$1,498.56	
20	$470.40	$756.01	$1,573.64	
21	$492.85	$792.09	$1,648.73	
22	$619.75	$996.03	$2,073.25	

(N)

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Extended Ethernet Virtual Connections (E-EVCs) (Cont'd)

- Per ETS E-EVC (Cont'd)

Rate Band	Monthly Rate 500 Mbps	750 Mbps	1 Gbps	Nonrecurring Charge - All
1	$227.48	$309.36	$392.20	
2	$343.72	$467.44	$592.61	
3	$459.96	$625.52	$793.02	
4	$576.20	$783.60	$993.43	
5	$692.44	$941.69	$1,193.84	
6	$808.68	$1,099.77	$1,394.26	
7	$924.92	$1,257.85	$1,594.67	
8	$1,041.16	$1,415.93	$1,795.08	
9	$1,157.40	$1,574.01	$1,995.49	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(4)
10	$1,273.64	$1,732.10	$2,195.91	
11	$1,389.88	$1,890.18	$2,396.32	
12	$1,506.12	$2,048.26	$2,596.73	
13	$1,622.36	$2,206.34	$2,797.14	
14	$1,738.60	$2,364.42	$2,997.55	
15	$1,854.84	$2,522.51	$3,197.97	
16	$1,971.08	$2,680.59	$3,398.38	
17	$2,087.32	$2,838.67	$3,598.79	
18	$2,203.56	$2,996.75	$3,799.20	
19	$2,319.80	$3,154.83	$3,999.61	
20	$2,436.04	$3,312.91	$4,200.03	
21	$2,552.28	$3,471.00	$4,400.44	
22	$3,209.44	$4,364.71	$5,533.46	

(N)

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ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Extended Ethernet Virtual Connections (E-EVCs) (Cont'd)

- Per ETS E-EVC (Cont'd)

Rate Band	Monthly Rate 2.5 Gbps	5 Gbps	10 Gbps	Nonrecurring Charge - All
1	$756.20	$1,148.77	$1,570.26	
2	$1,142.62	$1,735.79	$2,372.66	
3	$1,529.04	$2,322.80	$3,175.06	
4	$1,915.46	$2,909.82	$3,977.46	
5	$2,301.88	$3,496.84	$4,779.86	
6	$2,688.30	$4,083.86	$5,582.26	
7	$3,074.72	$4,670.88	$6,384.66	
8	$3,461.14	$5,257.90	$7,187.06	
9	$3,847.56	$5,844.92	$7,989.46	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(4)
10	$4,233.97	$6,431.94	$8,791.86	
11	$4,620.39	$7,018.96	$9,594.26	
12	$5,006.81	$7,605.98	$10,396.66	
13	$5,393.23	$8,193.00	$11,199.07	
14	$5,779.65	$8,780.02	$12,001.47	
15	$6,166.07	$9,367.04	$12,803.87	
16	$6,552.49	$9,954.06	$13,606.27	
17	$6,938.91	$10,541.08	$14,408.67	
18	$7,325.33	$11,128.10	$15,211.07	
19	$7,711.75	$11,715.12	$16,013.47	
20	$8,098.17	$12,302.14	$16,815.87	
21	$8,484.59	$12,889.15	$17,618.27	
22	$10,669.19	$16,207.85	$22,154.61	

(N)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Interconnected Ethernet Virtual Connections (I-EVCs)

(a)Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is less than or equal to fifty miles.

Capacity	Monthly Rate	Nonrecurring Charge	
2 Mbps	$77.34	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(5)(a)	
5 Mbps	$100.39		
10 Mbps	$194.70		
20 Mbps	$369.85		
50 Mbps	$635.87		
100 Mbps	$898.22		
250 Mbps	$2,043.98		
500 Mbps	$2,800.33		
750 Mbps	$3,756.49		
1 Gbps	$4,755.28		
2.5 Gbps	$9,152.94		(N)
5 Gbps	$13,910.20		|
10 Gbps	$19,018.69		(N)

Certain material formerly found on this page now appears on Original Page 17-41.10.71.1.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

ETS Interconnected Ethernet Virtual Connections (I-EVCs) (Cont'd) (N)

(b) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is between fifty-one and seventy-five miles. (M)

Capacity	Monthly Rate	Nonrecurring Charge	
2 Mbps	$129.52		
5 Mbps	$205.06		
10 Mbps	$399.34		
20 Mbps	$539.64	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(5)(b)	
50 Mbps	$1,133.25		
100 Mbps	$1,381.48		
250 Mbps	$2,396.01		
500 Mbps	$3,281.02		
750 Mbps	$4,414.26		
1 Gbps	$5,612.26		(M)
2.5 Gbps	$10,805.84		(N)
5 Gbps	$16,415.37		
10 Gbps	$22,448.46		(N)

Certain material currently found on this page previously appeared on Original Page 17-41.10.71.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

Optional Features and Functions

- DSL Access Service Connection

- Per ETS Basic Port equipped

Capacity	Nonrecurring Charge
2 Mbps	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(6)(a)(i)
5 Mbps	
10 Mbps	
20 Mbps	
50 Mbps	
100 Mbps	
250 Mbps	
500 Mbps	
750 Mbps	
1 Gbps	
2.5 Gbps	
5 Gbps	
10 Gbps	

(N)
|
(N)

- Per ETS Interconnection Port equipped

Capacity	Nonrecurring Charge
44.736 Mbps	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(6)(a)(ii)
155.52 Mbps	
622.08 Mbps	

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

Optional Features and Functions (Cont'd)

- DSL Access Service Connection (Cont'd)

- Per ETS MM-VCC

Rate Band	Monthly Rate Per 10 Mbps	Nonrecurring Charge - All
1	$0.76	
2	$1.15	
3	$1.54	
4	$1.94	
5	$2.33	
6	$2.72	
7	$3.11	
8	$3.50	
9	$3.89	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(6)(iii)
10	$4.28	
11	$4.67	
12	$5.06	
13	$5.45	
14	$5.84	
15	$6.23	
16	$6.62	
17	$7.01	
18	$7.40	
19	$7.79	
20	$8.18	
21	$8.57	
22	$10.78	

- Per ETS LBR-VCC

Monthly Rate Per 64 kbps	Nonrecurring Charge Per LBR-VCC
$0.42	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(6)(a)(iv)

(N)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4.8(C) Ethernet Transport Service (Cont'd)

(9) ETS Fixed Rate Option (ETS FRO) (Cont'd)

(c) ETS FRO Plan 3 (Cont'd)

(ii) Plan 3 Rates (Cont'd)

Optional Features and Functions (Cont'd)

	Nonrecurring Charge	
Per ETS Design Change	See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(6)(b)	

ETS Port Protection

	Monthly Rate	Nonrecurring Charge	
- Per feature when customer designated premises located within 300 feet of ETS SWC at speeds of:			(C)
- 2 Mbps to 1 Gbps	$119.92		(C)
- 2.5 Gbps to 10 Gbps	$290.00		(N)
		See the non-stabilized nonrecurring charges as set forth in Section 17.4.8(C)(6)(c)	
- Per feature when customer designated premises located more than 300 feet from ETS SWC at speeds of:			(C)
- 2 Mbps to 1 Gbps	$276.16		(C)
- 2.5 Gbps to 10 Gbps	$650.00		(N)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(D) Internet Protocol Gateway Access Service

(1) IPG Transport Termination
Per termination

	1.544 Mbps			
Rate Band	Monthly Rate		Nonrecurring Charge	
1	$20.46	(R)	$330.00	
2	$40.91	(R)	$330.00	
3	$61.37	(R)	$330.00	
4	$81.82	(R)	$330.00	
5	$115.51	(R)	$330.00	
6	$149.20	(R)	$330.00	
7	$182.90	(R)	$330.00	
8	$216.59	(R)	$330.00	
9	$250.28	(R)	$330.00	
10	$283.97	(R)	$330.00	
11	$317.66	(R)	$330.00	
12	$351.35	(R)	$330.00	
13	$385.04	(R)	$330.00	
14	$418.74	(R)	$330.00	
15	$452.43	(R)	$330.00	
16	$486.12	(R)	$330.00	
17	$519.81	(I)	$330.00	
18	$553.50	(I)	$330.00	
19	$587.19	(I)	$330.00	
20	$620.88	(I)	$330.00	
21	$654.58	(I)	$330.00	
22	$688.27	(R)	$330.00	
23	$721.96	(R)	$330.00	
24	$755.65	(R)	$330.00	
25	$789.34	(N)	$330.00	(N)
26	$823.03	(N)	$330.00	(N)
27	$856.72	(N)	$330.00	(N)
28	$890.42	(N)	$330.00	(N)
29	$924.11	(N)	$330.00	(N)
30	$957.80	(N)	$330.00	(N)
31	$991.49	(N)	$330.00	(N)
32	$1,025.18	(N)	$330.00	(N)
33	$1,058.87	(N)	$330.00	(N)
34	$1,092.56	(N)	$330.00	(N)
35	$1,126.26	(N)	$330.00	(N)
36	$1,159.95	(N)	$330.00	(N)
37	$1,193.64	(N)	$330.00	(N)
38	$1,227.33	(N)	$330.00	(N)
39	$1,300.97	(N)	$330.00	(N)
40	$1,374.61	(N)	$330.00	(N)
41	$1,448.25	(N)	$330.00	(N)
42	$1,521.89	(N)	$330.00	(N)
43	$1,595.53	(N)	$330.00	(N)
44	$1,669.17	(N)	$330.00	(N)
45	$1,742.81	(N)	$330.00	(N)
46	$1,816.45	(N)	$330.00	(N)
47	$1,890.09	(N)	$330.00	(N)
48	$1,963.73	(N)	$330.00	(N)
49	$2,037.37	(N)	$330.00	(N)
50	$2,111.01	(N)	$330.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(D) Internet Protocol Gateway Access Service (Cont'd)

(1) IPG Transport Termination (Cont'd)

Per termination

Rate Band	44.736 Mbps Monthly Rate		Nonrecurring Charge	
1	$168.64	(R)	$445.00	
2	$337.28	(R)	$445.00	
3	$505.92	(R)	$445.00	
4	$674.57	(R)	$445.00	
5	$952.33	(R)	$445.00	
6	$1,230.09	(R)	$445.00	
7	$1,507.85	(R)	$445.00	
8	$1,785.62	(R)	$445.00	
9	$2,063.38	(R)	$445.00	
10	$2,341.14	(R)	$445.00	
11	$2,618.90	(R)	$445.00	
12	$2,896.67	(R)	$445.00	
13	$3,174.43	(R)	$445.00	
14	$3,452.19	(R)	$445.00	
15	$3,729.95	(R)	$445.00	
16	$4,007.72	(R)	$445.00	
17	$4,285.48	(I)	$445.00	
18	$4,563.24	(I)	$445.00	
19	$4,841.00	(I)	$445.00	
20	$5,118.77	(I)	$445.00	
21	$5,396.53	(I)	$445.00	
22	$5,674.29	(R)	$445.00	
23	$5,952.05	(R)	$445.00	
24	$6,229.82	(R)	$445.00	
25	$6,507.58	(N)	$445.00	(N)
26	$6,785.34	(N)	$445.00	(N)
27	$7,063.10	(N)	$445.00	(N)
28	$7,340.87	(N)	$445.00	(N)
29	$7,618.63	(N)	$445.00	(N)
30	$7,896.39	(N)	$445.00	(N)
31	$8,174.15	(N)	$445.00	(N)
32	$8,451.92	(N)	$445.00	(N)
33	$8,729.68	(N)	$445.00	(N)
34	$9,007.44	(N)	$445.00	(N)
35	$9,285.20	(N)	$445.00	(N)
36	$9,562.97	(N)	$445.00	(N)
37	$9,840.73	(N)	$445.00	(N)
38	$10,118.49	(N)	$445.00	(N)
39	$10,725.60	(N)	$445.00	(N)
40	$11,332.71	(N)	$445.00	(N)
41	$11,939.82	(N)	$445.00	(N)
42	$12,546.93	(N)	$445.00	(N)
43	$13,154.04	(N)	$445.00	(N)
44	$13,761.15	(N)	$445.00	(N)
45	$14,368.26	(N)	$445.00	(N)
46	$14,975.37	(N)	$445.00	(N)
47	$15,582.47	(N)	$445.00	(N)
48	$16,189.58	(N)	$445.00	(N)
49	$16,796.69	(N)	$445.00	(N)
50	$17,403.80	(N)	$445.00	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(D) Internet Protocol Gateway Access Service (Cont'd)

(2) IPG Transport Mileage Facility
Per mile

Rate Band	1.544 Mbps Monthly Rate		44.736 Mbps Monthly Rate	
1	$1.27	(R)	$11.02	(R)
2	$2.53	(R)	$22.05	(R)
3	$3.80	(R)	$33.07	(R)
4	$5.06	(R)	$44.09	(R)
5	$7.15	(R)	$62.25	(R)
6	$9.23	(R)	$80.41	(R)
7	$11.32	(R)	$98.56	(R)
8	$13.40	(R)	$116.72	(R)
9	$15.49	(R)	$134.88	(R)
10	$17.58	(R)	$153.03	(R)
11	$19.66	(R)	$171.19	(R)
12	$21.75	(R)	$189.34	(R)
13	$23.83	(R)	$207.50	(R)
14	$25.92	(R)	$225.66	(R)
15	$28.00	(R)	$243.81	(R)
16	$30.09	(R)	$261.97	(R)
17	$32.17	(I)	$280.13	(I)
18	$34.26	(I)	$298.28	(I)
19	$36.34	(I)	$316.44	(I)
20	$38.43	(I)	$334.60	(I)
21	$40.51	(I)	$352.75	(I)
22	$42.60	(R)	$370.91	(R)
23	$44.68	(R)	$389.06	(R)
24	$46.77	(R)	$407.22	(R)
25	$48.85	(N)	$425.38	(N)
26	$50.94	(N)	$443.53	(N)
27	$53.02	(N)	$461.69	(N)
28	$55.11	(N)	$479.85	(N)
29	$57.19	(N)	$498.00	(N)
30	$59.28	(N)	$516.16	(N)
31	$61.36	(N)	$534.32	(N)
32	$63.45	(N)	$552.47	(N)
33	$65.53	(N)	$570.63	(N)
34	$67.62	(N)	$588.78	(N)
35	$69.70	(N)	$606.94	(N)
36	$71.79	(N)	$625.10	(N)
37	$73.87	(N)	$643.25	(N)
38	$75.96	(N)	$661.41	(N)
39	$80.52	(N)	$701.09	(N)
40	$85.08	(N)	$740.78	(N)
41	$89.63	(N)	$780.46	(N)
42	$94.19	(N)	$820.15	(N)
43	$98.75	(N)	$859.83	(N)
44	$103.31	(N)	$899.52	(N)
45	$107.86	(N)	$939.20	(N)
46	$112.42	(N)	$978.89	(N)
47	$116.98	(N)	$1,018.57	(N)
48	$121.54	(N)	$1,058.26	(N)
49	$126.09	(N)	$1,097.94	(N)
50	$130.65	(N)	$1,137.63	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(D) Internet Protocol Gateway Access Service (Cont'd)

(3) IPG Transport Mileage Termination
Per termination

Rate Band	1.544 Mbps Monthly Rate		44.736 Mbps Monthly Rate	
1	$6.57	(R)	$42.16	(R)
2	$13.13	(R)	$84.32	(R)
3	$19.70	(R)	$126.48	(R)
4	$26.26	(R)	$168.64	(R)
5	$37.08	(R)	$238.08	(R)
6	$47.89	(R)	$307.52	(R)
7	$58.71	(R)	$376.96	(R)
8	$69.52	(R)	$446.40	(R)
9	$80.34	(R)	$515.84	(R)
10	$91.15	(R)	$585.28	(R)
11	$101.97	(R)	$654.72	(R)
12	$112.78	(R)	$724.16	(R)
13	$123.60	(R)	$793.60	(R)
14	$134.41	(R)	$863.04	(R)
15	$145.22	(R)	$932.48	(R)
16	$156.04	(R)	$1,001.92	(R)
17	$166.85	(I)	$1,071.36	(I)
18	$177.67	(I)	$1,140.80	(I)
19	$188.48	(I)	$1,210.24	(I)
20	$199.30	(I)	$1,279.68	(I)
21	$210.11	(I)	$1,349.12	(I)
22	$220.93	(R)	$1,418.56	(R)
23	$231.74	(R)	$1,488.00	(R)
24	$242.56	(R)	$1,557.44	(R)
25	$253.37	(N)	$1,626.88	(N)
26	$264.18	(N)	$1,696.32	(N)
27	$275.00	(N)	$1,765.76	(N)
28	$285.81	(N)	$1,835.20	(N)
29	$296.63	(N)	$1,904.64	(N)
30	$307.44	(N)	$1,974.08	(N)
31	$318.26	(N)	$2,043.52	(N)
32	$329.07	(N)	$2,112.96	(N)
33	$339.89	(N)	$2,182.40	(N)
34	$350.70	(N)	$2,251.84	(N)
35	$361.52	(N)	$2,321.28	(N)
36	$372.33	(N)	$2,390.72	(N)
37	$383.15	(N)	$2,460.16	(N)
38	$393.96	(N)	$2,529.60	(N)
39	$417.60	(N)	$2,681.38	(N)
40	$441.24	(N)	$2,833.15	(N)
41	$464.87	(N)	$2,984.93	(N)
42	$488.51	(N)	$3,136.70	(N)
43	$512.15	(N)	$3,288.48	(N)
44	$535.79	(N)	$3,440.26	(N)
45	$559.42	(N)	$3,592.03	(N)
46	$583.06	(N)	$3,743.81	(N)
47	$606.70	(N)	$3,895.58	(N)
48	$630.34	(N)	$4,047.36	(N)
49	$653.97	(N)	$4,199.14	(N)
50	$677.61	(N)	$4,350.91	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.8(D) Internet Protocol Gateway Access Service (Cont'd)

(4) IPG Port
Per port

Rate Band	1.544 Mbps Monthly Rate		44.736 Mbps Monthly Rate	
1	$6.57	(R)	$81.24	(R)
2	$13.13	(R)	$162.47	(R)
3	$19.70	(R)	$243.71	(R)
4	$26.26	(R)	$324.94	(R)
5	$37.08	(R)	$458.74	(R)
6	$47.89	(R)	$592.54	(R)
7	$58.71	(R)	$726.34	(R)
8	$69.52	(R)	$860.14	(R)
9	$80.34	(R)	$993.94	(R)
10	$91.15	(R)	$1,127.74	(R)
11	$101.97	(R)	$1,261.54	(R)
12	$112.78	(R)	$1,395.34	(R)
13	$123.60	(R)	$1,529.14	(R)
14	$134.41	(R)	$1,662.94	(R)
15	$145.22	(R)	$1,796.74	(R)
16	$156.04	(R)	$1,930.54	(R)
17	$166.85	(I)	$2,064.34	(R)
18	$177.67	(I)	$2,198.14	(I)
19	$188.48	(I)	$2,331.94	(I)
20	$199.30	(I)	$2,465.74	(I)
21	$210.11	(I)	$2,599.54	(I)
22	$220.93	(R)	$2,733.34	(R)
23	$231.74	(R)	$2,867.14	(R)
24	$242.56	(R)	$3,000.93	(R)
25	$253.37	(N)	$3,134.73	(N)
26	$264.18	(N)	$3,268.53	(N)
27	$275.00	(N)	$3,402.33	(N)
28	$285.81	(N)	$3,536.13	(N)
29	$296.63	(N)	$3,669.93	(N)
30	$307.44	(N)	$3,803.73	(N)
31	$318.26	(N)	$3,937.53	(N)
32	$329.07	(N)	$4,071.33	(N)
33	$339.89	(N)	$4,205.13	(N)
34	$350.70	(N)	$4,338.93	(N)
35	$361.52	(N)	$4,472.73	(N)
36	$372.33	(N)	$4,606.53	(N)
37	$383.15	(N)	$4,740.33	(N)
38	$393.96	(N)	$4,874.13	(N)
39	$417.60	(N)	$5,166.58	(N)
40	$441.24	(N)	$5,459.02	(N)
41	$464.87	(N)	$5,751.48	(N)
42	$488.51	(N)	$6,043.92	(N)
43	$512.15	(N)	$6,336.37	(N)
44	$535.79	(N)	$6,628.82	(N)
45	$559.42	(N)	$6,921.26	(N)
46	$583.06	(N)	$7,213.71	(N)
47	$606.70	(N)	$7,506.16	(N)
48	$630.34	(N)	$7,798.61	(N)
49	$653.97	(N)	$8,091.06	(N)
50	$677.61	(N)	$8,383.50	(N)

Refer to the Special Access (SPA) column in the Rate Band Table in Section 17.5.1, following, to view company specific rate band assignments.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

Certain material formerly found on this page now appears on Original Page 17-41.1.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services

(A) Asymmetric Digital Subscriber Line Access Service

Regulations concerning Asymmetric Digital Subscriber Line Access Service are set forth in Section 8.1, preceding.

ADSL Line Charge	Monthly Rate		Nonrecurring Installation Charge
- Per Voice-Data Option			
- 1 Mbps/6 Mbps			$185.00
Rate Band 1	$3.04	(R)	
Rate Band 2	$6.09	(R)	
Rate Band 3	$9.13	(R)	
Rate Band 4	$12.17	(R)	
Rate Band 5	$17.19	(R)	
Rate Band 6	$22.20	(R)	
Rate Band 7	$27.21	(R)	
Rate Band 8	$32.23	(R)	
Rate Band 9	$37.24	(R)	
Rate Band 10	$42.25	(R)	
Rate Band 11	$47.26	(R)	
Rate Band 12	$52.28	(I)	
Rate Band 13	$57.29	(I)	
Rate Band 14	$62.30	(I)	
Rate Band 15	$67.32	(I)	
Rate Band 16	$72.33	(I)	
Rate Band 17	$77.34	(I)	
Rate Band 18	$82.35	(N)	
Rate Band 19	$87.37	(N)	
Rate Band 20	$92.38	(N)	
Rate Band 21	$97.39	(N)	
Rate Band 22	$102.40	(N)	
Rate Band 23	$107.42	(N)	
Rate Band 24	$112.43	(N)	
Rate Band 25	$117.44	(N)	
Rate Band 26	$122.46	(N)	
Rate Band 27	$127.47	(N)	
Rate Band 28	$132.48	(N)	
Rate Band 29	$137.49	(N)	
Rate Band 30	$142.51	(N)	
Rate Band 31	$147.52	(N)	
Rate Band 32	$152.53	(N)	
Rate Band 33	$157.55	(N)	
Rate Band 34	$162.56	(N)	
Rate Band 35	$167.57	(N)	
Rate Band 36	$172.58	(N)	
Rate Band 37	$177.60	(N)	
Rate Band 38	$182.61	(N)	
Rate Band 39	$193.57	(N)	
Rate Band 40	$204.52	(N)	
Rate Band 41	$215.48	(N)	
Rate Band 42	$226.44	(N)	
Rate Band 43	$237.39	(N)	
Rate Band 44	$248.35	(N)	
Rate Band 45	$259.31	(N)	
Rate Band 46	$270.26	(N)	
Rate Band 47	$281.22	(N)	
Rate Band 48	$292.18	(N)	
Rate Band 49	$303.13	(N)	
Rate Band 50	$314.09	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(A) Asymmetric Digital Subscriber Line Access Service (Cont'd)

ADSL Line Charge	Monthly Rate		Nonrecurring Installation Charge
- Per Voice-Data Option (Cont'd)			
- 3 Mbps/15 Mbps			$185.00
Rate Band 1	$3.70	(R)	
Rate Band 2	$7.40	(R)	
Rate Band 3	$11.10	(R)	
Rate Band 4	$14.80	(R)	
Rate Band 5	$20.90	(R)	
Rate Band 6	$26.99	(R)	
Rate Band 7	$33.09	(R)	
Rate Band 8	$39.18	(R)	
Rate Band 9	$45.28	(R)	
Rate Band 10	$51.37	(R)	
Rate Band 11	$57.47	(R)	
Rate Band 12	$63.56	(I)	
Rate Band 13	$69.66	(I)	
Rate Band 14	$75.75	(I)	
Rate Band 15	$81.85	(I)	
Rate Band 16	$87.94	(I)	
Rate Band 17	$94.04	(I)	
Rate Band 18	$100.13	(N)	
Rate Band 19	$106.23	(N)	
Rate Band 20	$112.32	(N)	
Rate Band 21	$118.42	(N)	
Rate Band 22	$124.51	(N)	
Rate Band 23	$130.61	(N)	
Rate Band 24	$136.70	(N)	
Rate Band 25	$142.80	(N)	
Rate Band 26	$148.89	(N)	
Rate Band 27	$154.99	(N)	
Rate Band 28	$161.08	(N)	
Rate Band 29	$167.18	(N)	
Rate Band 30	$173.27	(N)	
Rate Band 31	$179.37	(N)	
Rate Band 32	$185.46	(N)	
Rate Band 33	$191.56	(N)	
Rate Band 34	$197.65	(N)	
Rate Band 35	$203.75	(N)	
Rate Band 36	$209.84	(N)	
Rate Band 37	$215.94	(N)	
Rate Band 38	$222.03	(N)	
Rate Band 39	$235.35	(N)	
Rate Band 40	$248.67	(N)	
Rate Band 41	$262.00	(N)	
Rate Band 42	$275.32	(N)	
Rate Band 43	$288.64	(N)	
Rate Band 44	$301.96	(N)	
Rate Band 45	$315.28	(N)	
Rate Band 46	$328.60	(N)	
Rate Band 47	$341.93	(N)	
Rate Band 48	$355.25	(N)	
Rate Band 49	$368.57	(N)	
Rate Band 50	$381.89	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(A) Asymmetric Digital Subscriber Line Access Service (Cont'd)

ADSL Line Charge	Monthly Rate		Nonrecurring Installation Charge
- Per Voice-Data Option (Cont'd)			
- 25 Mbps/50 Mbps			$185.00
Rate Band 1	$3.97	(R)	
Rate Band 2	$7.94	(R)	
Rate Band 3	$11.91	(R)	
Rate Band 4	$15.88	(R)	
Rate Band 5	$22.42	(R)	
Rate Band 6	$28.96	(R)	
Rate Band 7	$35.50	(R)	
Rate Band 8	$42.04	(R)	
Rate Band 9	$48.57	(R)	
Rate Band 10	$55.11	(R)	
Rate Band 11	$61.65	(R)	
Rate Band 12	$68.19	(I)	
Rate Band 13	$74.73	(I)	
Rate Band 14	$81.27	(I)	
Rate Band 15	$87.81	(I)	
Rate Band 16	$94.35	(I)	
Rate Band 17	$100.88	(I)	
Rate Band 18	$107.42	(N)	
Rate Band 19	$113.96	(N)	
Rate Band 20	$120.50	(N)	
Rate Band 21	$127.04	(N)	
Rate Band 22	$133.58	(N)	
Rate Band 23	$140.12	(N)	
Rate Band 24	$146.66	(N)	
Rate Band 25	$153.20	(N)	
Rate Band 26	$159.73	(N)	
Rate Band 27	$166.27	(N)	
Rate Band 28	$172.81	(N)	
Rate Band 29	$179.35	(N)	
Rate Band 30	$185.89	(N)	
Rate Band 31	$192.43	(N)	
Rate Band 32	$198.97	(N)	
Rate Band 33	$205.51	(N)	
Rate Band 34	$212.04	(N)	
Rate Band 35	$218.58	(N)	
Rate Band 36	$225.12	(N)	
Rate Band 37	$231.66	(N)	
Rate Band 38	$238.20	(N)	
Rate Band 39	$252.49	(N)	
Rate Band 40	$266.78	(N)	
Rate Band 41	$281.08	(N)	
Rate Band 42	$295.37	(N)	
Rate Band 43	$309.66	(N)	
Rate Band 44	$323.95	(N)	
Rate Band 45	$338.24	(N)	
Rate Band 46	$352.54	(N)	
Rate Band 47	$366.83	(N)	
Rate Band 48	$381.12	(N)	
Rate Band 49	$395.41	(N)	
Rate Band 50	$409.70	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(A) Asymmetric Digital Subscriber Line Access Service (Cont'd)

ADSL Line Charge	Monthly Rate		Nonrecurring Installation Charge
- Per Voice-Data Option (Cont'd)			
- 50 Mbps/100 Mbps			$185.00
Rate Band 1	$6.60	(R)	
Rate Band 2	$13.21	(R)	
Rate Band 3	$19.81	(R)	
Rate Band 4	$26.41	(R)	
Rate Band 5	$37.29	(R)	
Rate Band 6	$48.16	(R)	
Rate Band 7	$59.04	(R)	
Rate Band 8	$69.91	(R)	
Rate Band 9	$80.79	(R)	
Rate Band 10	$91.67	(R)	
Rate Band 11	$102.54	(R)	
Rate Band 12	$113.42	(I)	
Rate Band 13	$124.29	(I)	
Rate Band 14	$135.17	(I)	
Rate Band 15	$146.04	(I)	
Rate Band 16	$156.92	(I)	
Rate Band 17	$167.79	(I)	
Rate Band 18	$178.67	(N)	
Rate Band 19	$189.54	(N)	
Rate Band 20	$200.42	(N)	
Rate Band 21	$211.30	(N)	
Rate Band 22	$222.17	(N)	
Rate Band 23	$233.05	(N)	
Rate Band 24	$243.92	(N)	
Rate Band 25	$254.80	(N)	
Rate Band 26	$265.67	(N)	
Rate Band 27	$276.55	(N)	
Rate Band 28	$287.42	(N)	
Rate Band 29	$298.30	(N)	
Rate Band 30	$309.18	(N)	
Rate Band 31	$320.05	(N)	
Rate Band 32	$330.93	(N)	
Rate Band 33	$341.80	(N)	
Rate Band 34	$352.68	(N)	
Rate Band 35	$363.55	(N)	
Rate Band 36	$374.43	(N)	
Rate Band 37	$385.30	(N)	
Rate Band 38	$396.18	(N)	
Rate Band 39	$419.95	(N)	
Rate Band 40	$443.72	(N)	
Rate Band 41	$467.49	(N)	
Rate Band 42	$491.26	(N)	
Rate Band 43	$515.03	(N)	
Rate Band 44	$538.80	(N)	
Rate Band 45	$562.58	(N)	
Rate Band 46	$586.35	(N)	
Rate Band 47	$610.12	(N)	
Rate Band 48	$633.89	(N)	
Rate Band 49	$657.66	(N)	
Rate Band 50	$681.43	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(A) Asymmetric Digital Subscriber Line Access Service (Cont'd)

ADSL Line Charge	Monthly Rate		Nonrecurring Installation Charge
- Per Data-Only Option			
- 1 Mbps/6 Mbps			$211.00
Rate Band 1	$7.33	(R)	
Rate Band 2	$14.66	(R)	
Rate Band 3	$21.99	(R)	
Rate Band 4	$29.32	(R)	
Rate Band 5	$41.39	(R)	
Rate Band 6	$53.46	(R)	
Rate Band 7	$65.53	(R)	
Rate Band 8	$77.61	(R)	
Rate Band 9	$89.68	(R)	
Rate Band 10	$101.75	(R)	
Rate Band 11	$113.82	(R)	
Rate Band 12	$125.89	(R)	
Rate Band 13	$137.97	(I)	
Rate Band 14	$150.04	(I)	
Rate Band 15	$162.11	(I)	
Rate Band 16	$174.18	(I)	
Rate Band 17	$186.26	(I)	
Rate Band 18	$198.33	(N)	
Rate Band 19	$210.40	(N)	
Rate Band 20	$222.47	(N)	
Rate Band 21	$234.54	(N)	
Rate Band 22	$246.62	(N)	
Rate Band 23	$258.69	(N)	
Rate Band 24	$270.76	(N)	
Rate Band 25	$282.83	(N)	
Rate Band 26	$294.90	(N)	
Rate Band 27	$306.98	(N)	
Rate Band 28	$319.05	(N)	
Rate Band 29	$331.12	(N)	
Rate Band 30	$343.19	(N)	
Rate Band 31	$355.27	(N)	
Rate Band 32	$367.34	(N)	
Rate Band 33	$379.41	(N)	
Rate Band 34	$391.48	(N)	
Rate Band 35	$403.55	(N)	
Rate Band 36	$415.63	(N)	
Rate Band 37	$427.70	(N)	
Rate Band 38	$439.77	(N)	
Rate Band 39	$466.16	(N)	
Rate Band 40	$492.54	(N)	
Rate Band 41	$518.93	(N)	
Rate Band 42	$545.31	(N)	
Rate Band 43	$571.70	(N)	
Rate Band 44	$598.09	(N)	
Rate Band 45	$624.47	(N)	
Rate Band 46	$650.86	(N)	
Rate Band 47	$677.25	(N)	
Rate Band 48	$703.63	(N)	
Rate Band 49	$730.02	(N)	
Rate Band 50	$756.40	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(A) Asymmetric Digital Subscriber Line Access Service (Cont'd)

ADSL Line Charge	Monthly Rate		Nonrecurring Installation Charge
- Per Data-Only Option (Cont'd)			
- 3 Mbps/15 Mbps			$211.00
Rate Band 1	$8.25	(R)	
Rate Band 2	$16.50	(R)	
Rate Band 3	$24.75	(R)	
Rate Band 4	$33.01	(R)	
Rate Band 5	$46.60	(R)	
Rate Band 6	$60.19	(R)	
Rate Band 7	$73.78	(R)	
Rate Band 8	$87.37	(R)	
Rate Band 9	$100.96	(R)	
Rate Band 10	$114.55	(R)	
Rate Band 11	$128.14	(R)	
Rate Band 12	$141.73	(R)	
Rate Band 13	$155.32	(I)	
Rate Band 14	$168.91	(I)	
Rate Band 15	$182.50	(I)	
Rate Band 16	$196.09	(I)	
Rate Band 17	$209.69	(I)	
Rate Band 18	$223.28	(N)	
Rate Band 19	$236.87	(N)	
Rate Band 20	$250.46	(N)	
Rate Band 21	$264.05	(N)	
Rate Band 22	$277.64	(N)	
Rate Band 23	$291.23	(N)	
Rate Band 24	$304.82	(N)	
Rate Band 25	$318.41	(N)	
Rate Band 26	$332.00	(N)	
Rate Band 27	$345.59	(N)	
Rate Band 28	$359.18	(N)	
Rate Band 29	$372.77	(N)	
Rate Band 30	$386.36	(N)	
Rate Band 31	$399.96	(N)	
Rate Band 32	$413.55	(N)	
Rate Band 33	$427.14	(N)	
Rate Band 34	$440.73	(N)	
Rate Band 35	$454.32	(N)	
Rate Band 36	$467.91	(N)	
Rate Band 37	$481.50	(N)	
Rate Band 38	$495.09	(N)	
Rate Band 39	$524.80	(N)	
Rate Band 40	$554.50	(N)	
Rate Band 41	$584.21	(N)	
Rate Band 42	$613.91	(N)	
Rate Band 43	$643.62	(N)	
Rate Band 44	$673.32	(N)	
Rate Band 45	$703.03	(N)	
Rate Band 46	$732.73	(N)	
Rate Band 47	$762.44	(N)	
Rate Band 48	$792.14	(N)	
Rate Band 49	$821.85	(N)	
Rate Band 50	$851.55	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(A) Asymmetric Digital Subscriber Line Access Service (Cont'd)

ADSL Line Charge	Monthly Rate		Nonrecurring Installation Charge
- Per Data-Only Option (Cont'd)			
- 25 Mbps/50 Mbps			$211.00
Rate Band 1	$11.14	(R)	
Rate Band 2	$22.28	(R)	
Rate Band 3	$33.42	(R)	
Rate Band 4	$44.55	(R)	
Rate Band 5	$62.90	(R)	
Rate Band 6	$81.25	(R)	
Rate Band 7	$99.59	(R)	
Rate Band 8	$117.94	(R)	
Rate Band 9	$136.28	(R)	
Rate Band 10	$154.63	(R)	
Rate Band 11	$172.97	(R)	
Rate Band 12	$191.32	(R)	
Rate Band 13	$209.67	(I)	
Rate Band 14	$228.01	(I)	
Rate Band 15	$246.36	(I)	
Rate Band 16	$264.70	(I)	
Rate Band 17	$283.05	(I)	
Rate Band 18	$301.39	(N)	
Rate Band 19	$319.74	(N)	
Rate Band 20	$338.09	(N)	
Rate Band 21	$356.43	(N)	
Rate Band 22	$374.78	(N)	
Rate Band 23	$393.12	(N)	
Rate Band 24	$411.47	(N)	
Rate Band 25	$429.82	(N)	
Rate Band 26	$448.16	(N)	
Rate Band 27	$466.51	(N)	
Rate Band 28	$484.85	(N)	
Rate Band 29	$503.20	(N)	
Rate Band 30	$521.54	(N)	
Rate Band 31	$539.89	(N)	
Rate Band 32	$558.24	(N)	
Rate Band 33	$576.58	(N)	
Rate Band 34	$594.93	(N)	
Rate Band 35	$613.27	(N)	
Rate Band 36	$631.62	(N)	
Rate Band 37	$649.96	(N)	
Rate Band 38	$668.31	(N)	
Rate Band 39	$708.41	(N)	
Rate Band 40	$748.51	(N)	
Rate Band 41	$788.61	(N)	
Rate Band 42	$828.70	(N)	
Rate Band 43	$868.80	(N)	
Rate Band 44	$908.90	(N)	
Rate Band 45	$949.00	(N)	
Rate Band 46	$989.10	(N)	
Rate Band 47	$1,029.20	(N)	
Rate Band 48	$1,069.30	(N)	
Rate Band 49	$1,109.39	(N)	
Rate Band 50	$1,149.49	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(A) Asymmetric Digital Subscriber Line Access Service (Cont'd)

ADSL Line Charge		Monthly Rate		Nonrecurring Installation Charge
- Per Data-Only Option (Cont'd)				
- 50 Mbps/100 Mbps				$211.00
Rate Band 1		$13.72	(C)(y)	
Rate Band 2		$27.43		
Rate Band 3		$41.15		
Rate Band 4		$54.87		
Rate Band 5		$77.46		
Rate Band 6		$100.05		
Rate Band 7		$122.65		
Rate Band 8		$145.24		
Rate Band 9		$167.83		
Rate Band 10		$190.42		
Rate Band 11		$213.02		
Rate Band 12		$235.61		
Rate Band 13		$258.20		
Rate Band 14		$280.80		
Rate Band 15		$303.39		
Rate Band 16		$325.98		
Rate Band 17		$348.57		
Rate Band 18	(S)(x)	$371.17		
Rate Band 19		$393.76		
Rate Band 20		$416.35		
Rate Band 21		$438.94		
Rate Band 22		$461.54		
Rate Band 23		$484.13		
Rate Band 24		$506.72		
Rate Band 25		$529.31		
Rate Band 26		$551.91		
Rate Band 27		$574.50		
Rate Band 28		$597.09		
Rate Band 29		$619.69		
Rate Band 30		$642.28		
Rate Band 31		$664.87		
Rate Band 32		$687.46		
Rate Band 33		$710.06		
Rate Band 34		$732.65		
Rate Band 35		$755.24		
Rate Band 36		$777.83		
Rate Band 37		$800.43		
Rate Band 38		$823.02		
Rate Band 39		$872.40		
Rate Band 40		$921.78		
Rate Band 41		$971.16		
Rate Band 42		$1,020.54		
Rate Band 43		$1,069.93		
Rate Band 44		$1,119.31		
Rate Band 45		$1,168.69		
Rate Band 46		$1,218.07		
Rate Band 47		$1,267.45		
Rate Band 48		$1,316.83		
Rate Band 49		$1,366.21		
Rate Band 50	(S)(x)	$1,415.59	(C)(y)	

(x) All material coded with an "S" was originally filed under Transmittal No. 1455 on June 16, 2015 and is scheduled to become effective July 1, 2015.

(y) This material, filed under authority of Special Permission No. 15-006 of the Federal Communications Commission, corrects the rate originally filed under Transmittal No. 1455.

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(B) Symmetric Digital Subscriber Line Access Service

Regulations concerning Symmetric Digital Subscriber Line Access Service are set forth in Section 8.2, preceding.

SDSL Line Charge	Monthly Rate		Nonrecurring Installation Charge
- Per Voice-Data Option			
- 256 kbps			$185.00
Rate Band 1	$2.06	(R)	
Rate Band 2	$4.13	(R)	
Rate Band 3	$6.19	(R)	
Rate Band 4	$8.25	(R)	
Rate Band 5	$11.65	(R)	
Rate Band 6	$15.05	(R)	
Rate Band 7	$18.45	(R)	
Rate Band 8	$21.84	(R)	
Rate Band 9	$25.24	(R)	
Rate Band 10	$28.64	(R)	
Rate Band 11	$32.04	(R)	
Rate Band 12	$35.44	(I)	
Rate Band 13	$38.83	(I)	
Rate Band 14	$42.23	(I)	
Rate Band 15	$45.63	(I)	
Rate Band 16	$49.03	(I)	
Rate Band 17	$52.42	(I)	
Rate Band 18	$55.82	(N)	
Rate Band 19	$59.22	(N)	
Rate Band 20	$62.62	(N)	
Rate Band 21	$66.02	(N)	
Rate Band 22	$69.41	(N)	
Rate Band 23	$72.81	(N)	
Rate Band 24	$76.21	(N)	
Rate Band 25	$79.61	(N)	
Rate Band 26	$83.01	(N)	
Rate Band 27	$86.40	(N)	
Rate Band 28	$89.80	(N)	
Rate Band 29	$93.20	(N)	
Rate Band 30	$96.60	(N)	
Rate Band 31	$99.99	(N)	
Rate Band 32	$103.39	(N)	
Rate Band 33	$106.79	(N)	
Rate Band 34	$110.19	(N)	
Rate Band 35	$113.59	(N)	
Rate Band 36	$116.98	(N)	
Rate Band 37	$120.38	(N)	
Rate Band 38	$123.78	(N)	
Rate Band 39	$131.21	(N)	
Rate Band 40	$138.63	(N)	
Rate Band 41	$146.06	(N)	
Rate Band 42	$153.49	(N)	
Rate Band 43	$160.91	(N)	
Rate Band 44	$168.34	(N)	
Rate Band 45	$175.77	(N)	
Rate Band 46	$183.19	(N)	
Rate Band 47	$190.62	(N)	
Rate Band 48	$198.05	(N)	
Rate Band 49	$205.47	(N)	
Rate Band 50	$212.90	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(B) Symmetric Digital Subscriber Line Access Service (Cont'd)

SDSL Line Charge	Monthly Rate		Nonrecurring Installation Charge
- Per Voice-Data Option (cont'd)			
- 768 kbps			$185.00
Rate Band 1	$3.04	(R)	
Rate Band 2	$6.09	(R)	
Rate Band 3	$9.13	(R)	
Rate Band 4	$12.17	(R)	
Rate Band 5	$17.19	(R)	
Rate Band 6	$22.20	(R)	
Rate Band 7	$27.21	(R)	
Rate Band 8	$32.23	(R)	
Rate Band 9	$37.24	(R)	
Rate Band 10	$42.25	(R)	
Rate Band 11	$47.26	(R)	
Rate Band 12	$52.28	(I)	
Rate Band 13	$57.29	(I)	
Rate Band 14	$62.30	(I)	
Rate Band 15	$67.32	(I)	
Rate Band 16	$72.33	(I)	
Rate Band 17	$77.34	(I)	
Rate Band 18	$82.35	(N)	
Rate Band 19	$87.37	(N)	
Rate Band 20	$92.38	(N)	
Rate Band 21	$97.39	(N)	
Rate Band 22	$102.40	(N)	
Rate Band 23	$107.42	(N)	
Rate Band 24	$112.43	(N)	
Rate Band 25	$117.44	(N)	
Rate Band 26	$122.46	(N)	
Rate Band 27	$127.47	(N)	
Rate Band 28	$132.48	(N)	
Rate Band 29	$137.49	(N)	
Rate Band 30	$142.51	(N)	
Rate Band 31	$147.52	(N)	
Rate Band 32	$152.53	(N)	
Rate Band 33	$157.55	(N)	
Rate Band 34	$162.56	(N)	
Rate Band 35	$167.57	(N)	
Rate Band 36	$172.58	(N)	
Rate Band 37	$177.60	(N)	
Rate Band 38	$182.61	(N)	
Rate Band 39	$193.57	(N)	
Rate Band 40	$204.52	(N)	
Rate Band 41	$215.48	(N)	
Rate Band 42	$226.44	(N)	
Rate Band 43	$237.39	(N)	
Rate Band 44	$248.35	(N)	
Rate Band 45	$259.31	(N)	
Rate Band 46	$270.26	(N)	
Rate Band 47	$281.22	(N)	
Rate Band 48	$292.18	(N)	
Rate Band 49	$303.13	(N)	
Rate Band 50	$314.09	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(B) Symmetric Digital Subscriber Line Access Service (Cont'd)

SDSL Line Charge	Monthly Rate		Nonrecurring Installation Charge
- Per Voice-Data Option (cont'd)			
- 10 Mbps			$185.00
Rate Band 1	$3.04	(R)	
Rate Band 2	$6.09	(R)	
Rate Band 3	$9.13	(R)	
Rate Band 4	$12.17	(R)	
Rate Band 5	$17.19	(R)	
Rate Band 6	$22.20	(R)	
Rate Band 7	$27.21	(R)	
Rate Band 8	$32.23	(R)	
Rate Band 9	$37.24	(R)	
Rate Band 10	$42.25	(R)	
Rate Band 11	$47.26	(R)	
Rate Band 12	$52.28	(I)	
Rate Band 13	$57.29	(I)	
Rate Band 14	$62.30	(I)	
Rate Band 15	$67.32	(I)	
Rate Band 16	$72.33	(I)	
Rate Band 17	$77.34	(I)	
Rate Band 18	$82.35	(N)	
Rate Band 19	$87.37	(N)	
Rate Band 20	$92.38	(N)	
Rate Band 21	$97.39	(N)	
Rate Band 22	$102.40	(N)	
Rate Band 23	$107.42	(N)	
Rate Band 24	$112.43	(N)	
Rate Band 25	$117.44	(N)	
Rate Band 26	$122.46	(N)	
Rate Band 27	$127.47	(N)	
Rate Band 28	$132.48	(N)	
Rate Band 29	$137.49	(N)	
Rate Band 30	$142.51	(N)	
Rate Band 31	$147.52	(N)	
Rate Band 32	$152.53	(N)	
Rate Band 33	$157.55	(N)	
Rate Band 34	$162.56	(N)	
Rate Band 35	$167.57	(N)	
Rate Band 36	$172.58	(N)	
Rate Band 37	$177.60	(N)	
Rate Band 38	$182.61	(N)	
Rate Band 39	$193.57	(N)	
Rate Band 40	$204.52	(N)	
Rate Band 41	$215.48	(N)	
Rate Band 42	$226.44	(N)	
Rate Band 43	$237.39	(N)	
Rate Band 44	$248.35	(N)	
Rate Band 45	$259.31	(N)	
Rate Band 46	$270.26	(N)	
Rate Band 47	$281.22	(N)	
Rate Band 48	$292.18	(N)	
Rate Band 49	$303.13	(N)	
Rate Band 50	$314.09	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

Director - Access Tariffs
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17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(B) Symmetric Digital Subscriber Line Access Service (Cont'd)

SDSL Line Charge		Monthly Rate		Nonrecurring Installation Charge
- Per Voice-Data Option (cont'd)				
- 100 Mbps				$185.00
Rate Band 1		$6.60	(S)(x)	
Rate Band 2		$13.21	| |	
Rate Band 3		$19.81	| |	
Rate Band 4		$26.41	(S)(X)	
Rate Band 5		$37.29	(C)(y)	
Rate Band 6		$48.16	(S)(x)	
Rate Band 7		$59.04	(C)(y)	
Rate Band 8		$69.91	(S)(x)	
Rate Band 9		$80.79	(C)(y)	
Rate Band 10		$91.67	| |	
Rate Band 11		$102.54	| |	
Rate Band 12		$113.42	| |	
Rate Band 13		$124.29	| |	
Rate Band 14		$135.17	| |	
Rate Band 15		$146.04	| |	
Rate Band 16		$156.92	| |	
Rate Band 17		$167.79	| |	
Rate Band 18	(S)(x)	$178.67	| |	
Rate Band 19	| |	$189.54	| |	
Rate Band 20	| |	$200.42	| |	
Rate Band 21	| |	$211.30	| |	
Rate Band 22	| |	$222.17	| |	
Rate Band 23	| |	$233.05	| |	
Rate Band 24	| |	$243.92	| |	
Rate Band 25	| |	$254.80	| |	
Rate Band 26	| |	$265.67	| |	
Rate Band 27	| |	$276.55	| |	
Rate Band 28	| |	$287.42	| |	
Rate Band 29	| |	$298.30	| |	
Rate Band 30	| |	$309.18	| |	
Rate Band 31	| |	$320.05	| |	
Rate Band 32	| |	$330.93	| |	
Rate Band 33	| |	$341.80	| |	
Rate Band 34	| |	$352.68	| |	
Rate Band 35	| |	$363.55	| |	
Rate Band 36	| |	$374.43	| |	
Rate Band 37	| |	$385.30	| |	
Rate Band 38	| |	$396.18	| |	
Rate Band 39	| |	$419.95	| |	
Rate Band 40	| |	$443.72	| |	
Rate Band 41	| |	$467.49	| |	
Rate Band 42	| |	$491.26	| |	
Rate Band 43	| |	$515.03	| |	
Rate Band 44	| |	$538.80	| |	
Rate Band 45	| |	$562.58	| |	
Rate Band 46	| |	$586.35	| |	
Rate Band 47	| |	$610.12	| |	
Rate Band 48	| |	$633.89	| |	
Rate Band 49	| |	$657.66	| |	
Rate Band 50	(S)(x)	$681.43	(C)(y)	

(x) All material coded with an "S" was originally filed under Transmittal No. 1455 on June 16, 2015 and is scheduled to become effective July 1, 2015.

(y) This material, filed under authority of Special Permission No. 15-006 of the Federal Communications Commission, corrects the rate originally filed under Transmittal No. 1455.

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(B) Symmetric Digital Subscriber Line Access Service (Cont'd)

SDSL Line Charge	Monthly Rate		Nonrecurring Installation Charge
- Per Data-Only Option			
- 144 kbps			$211.00
Rate Band 1	$8.76	(R)	
Rate Band 2	$17.52	(R)	
Rate Band 3	$26.27	(R)	
Rate Band 4	$35.03	(R)	
Rate Band 5	$49.45	(R)	
Rate Band 6	$63.88	(R)	
Rate Band 7	$78.30	(R)	
Rate Band 8	$92.73	(R)	
Rate Band 9	$107.15	(R)	
Rate Band 10	$121.57	(R)	
Rate Band 11	$136.00	(R)	
Rate Band 12	$150.42	(R)	
Rate Band 13	$164.85	(I)	
Rate Band 14	$179.27	(I)	
Rate Band 15	$193.70	(I)	
Rate Band 16	$208.12	(I)	
Rate Band 17	$222.54	(I)	
Rate Band 18	$236.97	(N)	
Rate Band 19	$251.39	(N)	
Rate Band 20	$265.82	(N)	
Rate Band 21	$280.24	(N)	
Rate Band 22	$294.66	(N)	
Rate Band 23	$309.09	(N)	
Rate Band 24	$323.51	(N)	
Rate Band 25	$337.94	(N)	
Rate Band 26	$352.36	(N)	
Rate Band 27	$366.78	(N)	
Rate Band 28	$381.21	(N)	
Rate Band 29	$395.63	(N)	
Rate Band 30	$410.06	(N)	
Rate Band 31	$424.48	(N)	
Rate Band 32	$438.91	(N)	
Rate Band 33	$453.33	(N)	
Rate Band 34	$467.75	(N)	
Rate Band 35	$482.18	(N)	
Rate Band 36	$496.60	(N)	
Rate Band 37	$511.03	(N)	
Rate Band 38	$525.45	(N)	
Rate Band 39	$556.98	(N)	
Rate Band 40	$588.50	(N)	
Rate Band 41	$620.03	(N)	
Rate Band 42	$651.56	(N)	
Rate Band 43	$683.09	(N)	
Rate Band 44	$714.61	(N)	
Rate Band 45	$746.14	(N)	
Rate Band 46	$777.67	(N)	
Rate Band 47	$809.19	(N)	
Rate Band 48	$840.72	(N)	
Rate Band 49	$872.25	(N)	
Rate Band 50	$903.77	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(B) Symmetric Digital Subscriber Line Access Service (Cont'd)

SDSL Line Charge	Monthly Rate		Nonrecurring Installation Charge
- Per Data-Only Option (Cont'd)			
- 256 kbps			$211.00
Rate Band 1	$7.31	(R)	
Rate Band 2	$14.62	(R)	
Rate Band 3	$21.93	(R)	
Rate Band 4	$29.24	(R)	
Rate Band 5	$41.28	(R)	
Rate Band 6	$53.32	(R)	
Rate Band 7	$65.36	(R)	
Rate Band 8	$77.40	(R)	
Rate Band 9	$89.44	(R)	
Rate Band 10	$101.48	(R)	
Rate Band 11	$113.52	(R)	
Rate Band 12	$125.56	(R)	
Rate Band 13	$137.60	(I)	
Rate Band 14	$149.64	(I)	
Rate Band 15	$161.68	(I)	
Rate Band 16	$173.72	(I)	
Rate Band 17	$185.76	(I)	
Rate Band 18	$197.80	(N)	
Rate Band 19	$209.84	(N)	
Rate Band 20	$221.88	(N)	
Rate Band 21	$233.92	(N)	
Rate Band 22	$245.96	(N)	
Rate Band 23	$258.00	(N)	
Rate Band 24	$270.04	(N)	
Rate Band 25	$282.08	(N)	
Rate Band 26	$294.12	(N)	
Rate Band 27	$306.16	(N)	
Rate Band 28	$318.20	(N)	
Rate Band 29	$330.24	(N)	
Rate Band 30	$342.28	(N)	
Rate Band 31	$354.32	(N)	
Rate Band 32	$366.36	(N)	
Rate Band 33	$378.40	(N)	
Rate Band 34	$390.44	(N)	
Rate Band 35	$402.48	(N)	
Rate Band 36	$414.52	(N)	
Rate Band 37	$426.56	(N)	
Rate Band 38	$438.60	(N)	
Rate Band 39	$464.92	(N)	
Rate Band 40	$491.23	(N)	
Rate Band 41	$517.55	(N)	
Rate Band 42	$543.86	(N)	
Rate Band 43	$570.18	(N)	
Rate Band 44	$596.50	(N)	
Rate Band 45	$622.81	(N)	
Rate Band 46	$649.13	(N)	
Rate Band 47	$675.44	(N)	
Rate Band 48	$701.76	(N)	
Rate Band 49	$728.08	(N)	
Rate Band 50	$754.39	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(B) Symmetric Digital Subscriber Line Access Service (Cont'd)

SDSL Line Charge	Monthly Rate		Nonrecurring Installation Charge
- Per Data-Only Option (Cont'd)			
- 768 kbps			$211.00
Rate Band 1	$12.03	(R)	
Rate Band 2	$24.06	(R)	
Rate Band 3	$36.09	(R)	
Rate Band 4	$48.12	(R)	
Rate Band 5	$67.93	(R)	
Rate Band 6	$87.74	(R)	
Rate Band 7	$107.55	(R)	
Rate Band 8	$127.37	(R)	
Rate Band 9	$147.18	(R)	
Rate Band 10	$166.99	(R)	
Rate Band 11	$186.80	(R)	
Rate Band 12	$206.62	(R)	
Rate Band 13	$226.43	(I)	
Rate Band 14	$246.24	(I)	
Rate Band 15	$266.05	(I)	
Rate Band 16	$285.87	(I)	
Rate Band 17	$305.68	(I)	
Rate Band 18	$325.49	(N)	
Rate Band 19	$345.30	(N)	
Rate Band 20	$365.12	(N)	
Rate Band 21	$384.93	(N)	
Rate Band 22	$404.74	(N)	
Rate Band 23	$424.55	(N)	
Rate Band 24	$444.37	(N)	
Rate Band 25	$464.18	(N)	
Rate Band 26	$483.99	(N)	
Rate Band 27	$503.80	(N)	
Rate Band 28	$523.62	(N)	
Rate Band 29	$543.43	(N)	
Rate Band 30	$563.24	(N)	
Rate Band 31	$583.05	(N)	
Rate Band 32	$602.87	(N)	
Rate Band 33	$622.68	(N)	
Rate Band 34	$642.49	(N)	
Rate Band 35	$662.30	(N)	
Rate Band 36	$682.12	(N)	
Rate Band 37	$701.93	(N)	
Rate Band 38	$721.74	(N)	
Rate Band 39	$765.04	(N)	
Rate Band 40	$808.35	(N)	
Rate Band 41	$851.65	(N)	
Rate Band 42	$894.96	(N)	
Rate Band 43	$938.26	(N)	
Rate Band 44	$981.57	(N)	
Rate Band 45	$1,024.87	(N)	
Rate Band 46	$1,068.18	(N)	
Rate Band 47	$1,111.48	(N)	
Rate Band 48	$1,154.78	(N)	
Rate Band 49	$1,198.09	(N)	
Rate Band 50	$1,241.39	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(B) Symmetric Digital Subscriber Line Access Service (Cont'd)

SDSL Line Charge	Monthly Rate		Nonrecurring Installation Charge
- Per Data-Only Option (Cont'd)			
- 2 Mbps##			$211.00
Rate Band 1	$23.22	(R)	
Rate Band 2	$46.43	(R)	
Rate Band 3	$69.65	(R)	
Rate Band 4	$92.86	(R)	
Rate Band 5	$131.10	(R)	
Rate Band 6	$169.34	(R)	
Rate Band 7	$207.57	(R)	
Rate Band 8	$245.81	(R)	
Rate Band 9	$284.05	(R)	
Rate Band 10	$322.29	(R)	
Rate Band 11	$360.52	(R)	
Rate Band 12	$398.76	(R)	
Rate Band 13	$437.00	(I)	
Rate Band 14	$475.23	(I)	
Rate Band 15	$513.47	(I)	
Rate Band 16	$551.71	(I)	
Rate Band 17	$589.95	(I)	
Rate Band 18	$628.18	(N)	
Rate Band 19	$666.42	(N)	
Rate Band 20	$704.66	(N)	
Rate Band 21	$742.90	(N)	
Rate Band 22	$781.13	(N)	
Rate Band 23	$819.37	(N)	
Rate Band 24	$857.61	(N)	
Rate Band 25	$895.85	(N)	
Rate Band 26	$934.08	(N)	
Rate Band 27	$972.32	(N)	
Rate Band 28	$1,010.56	(N)	
Rate Band 29	$1,048.79	(N)	
Rate Band 30	$1,087.03	(N)	
Rate Band 31	$1,125.27	(N)	
Rate Band 32	$1,163.51	(N)	
Rate Band 33	$1,201.74	(N)	
Rate Band 34	$1,239.98	(N)	
Rate Band 35	$1,278.22	(N)	
Rate Band 36	$1,316.46	(N)	
Rate Band 37	$1,354.69	(N)	
Rate Band 38	$1,392.93	(N)	
Rate Band 39	$1,476.51	(N)	
Rate Band 40	$1,560.08	(N)	
Rate Band 41	$1,643.66	(N)	
Rate Band 42	$1,727.23	(N)	
Rate Band 43	$1,810.81	(N)	
Rate Band 44	$1,894.38	(N)	
Rate Band 45	$1,977.96	(N)	
Rate Band 46	$2,061.54	(N)	
Rate Band 47	$2,145.11	(N)	
Rate Band 48	$2,228.69	(N)	
Rate Band 49	$2,312.26	(N)	
Rate Band 50	$2,395.84	(N)	

Effective August 30, 2014, the SDSL Data-Only 2 Mbps service option will no longer be available to new customers. A current customer with an SDSL Data-Only 2 Mbps service option, in service on August 29, 2014, may retain that service option at its existing location.

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(B) Symmetric Digital Subscriber Line Access Service (Cont'd)

SDSL Line Charge	Monthly Rate		Nonrecurring Installation Charge
- Per Data-Only Option (Cont'd)			
- 4 Mbps##			$211.00
Rate Band 1	$44.51	(R)	
Rate Band 2	$89.02	(R)	
Rate Band 3	$133.53	(R)	
Rate Band 4	$178.05	(R)	
Rate Band 5	$251.36	(R)	
Rate Band 6	$324.67	(R)	
Rate Band 7	$397.99	(R)	
Rate Band 8	$471.30	(R)	
Rate Band 9	$544.61	(R)	
Rate Band 10	$617.92	(R)	
Rate Band 11	$691.24	(R)	
Rate Band 12	$764.55	(R)	
Rate Band 13	$837.86	(I)	
Rate Band 14	$911.18	(I)	
Rate Band 15	$984.49	(I)	
Rate Band 16	$1,057.80	(I)	
Rate Band 17	$1,131.12	(I)	
Rate Band 18	$1,204.43	(N)	
Rate Band 19	$1,277.74	(N)	
Rate Band 20	$1,351.05	(N)	
Rate Band 21	$1,424.37	(N)	
Rate Band 22	$1,497.68	(N)	
Rate Band 23	$1,570.99	(N)	
Rate Band 24	$1,644.31	(N)	
Rate Band 25	$1,717.62	(N)	
Rate Band 26	$1,790.93	(N)	
Rate Band 27	$1,864.25	(N)	
Rate Band 28	$1,937.56	(N)	
Rate Band 29	$2,010.87	(N)	
Rate Band 30	$2,084.19	(N)	
Rate Band 31	$2,157.50	(N)	
Rate Band 32	$2,230.81	(N)	
Rate Band 33	$2,304.12	(N)	
Rate Band 34	$2,377.44	(N)	
Rate Band 35	$2,450.75	(N)	
Rate Band 36	$2,524.06	(N)	
Rate Band 37	$2,597.38	(N)	
Rate Band 38	$2,670.69	(N)	
Rate Band 39	$2,830.93	(N)	
Rate Band 40	$2,991.17	(N)	
Rate Band 41	$3,151.41	(N)	
Rate Band 42	$3,311.66	(N)	
Rate Band 43	$3,471.90	(N)	
Rate Band 44	$3,632.14	(N)	
Rate Band 45	$3,792.38	(N)	
Rate Band 46	$3,952.62	(N)	
Rate Band 47	$4,112.86	(N)	
Rate Band 48	$4,273.10	(N)	
Rate Band 49	$4,433.35	(N)	
Rate Band 50	$4,593.59	(N)	

Effective August 30, 2014, the SDSL Data-Only 4 Mbps service option will no longer be available to new customers. A current customer with an SDSL Data-Only 4 Mbps service option, in service on August 29, 2014, may retain that service option at its existing location.

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(B) Symmetric Digital Subscriber Line Access Service (Cont'd)

SDSL Line Charge	Monthly Rate		Nonrecurring Installation Charge
- Per Data-Only Option (Cont'd)			
- 10 Mbps			$211.00
Rate Band 1	$7.33	(R)	
Rate Band 2	$14.66	(R)	
Rate Band 3	$21.99	(R)	
Rate Band 4	$29.32	(R)	
Rate Band 5	$41.39	(R)	
Rate Band 6	$53.46	(R)	
Rate Band 7	$65.53	(R)	
Rate Band 8	$77.61	(R)	
Rate Band 9	$89.68	(R)	
Rate Band 10	$101.75	(R)	
Rate Band 11	$113.82	(R)	
Rate Band 12	$125.89	(R)	
Rate Band 13	$137.97	(I)	
Rate Band 14	$150.04	(I)	
Rate Band 15	$162.11	(I)	
Rate Band 16	$174.18	(I)	
Rate Band 17	$186.26	(I)	
Rate Band 18	$198.33	(N)	
Rate Band 19	$210.40	(N)	
Rate Band 20	$222.47	(N)	
Rate Band 21	$234.54	(N)	
Rate Band 22	$246.62	(N)	
Rate Band 23	$258.69	(N)	
Rate Band 24	$270.76	(N)	
Rate Band 25	$282.83	(N)	
Rate Band 26	$294.90	(N)	
Rate Band 27	$306.98	(N)	
Rate Band 28	$319.05	(N)	
Rate Band 29	$331.12	(N)	
Rate Band 30	$343.19	(N)	
Rate Band 31	$355.27	(N)	
Rate Band 32	$367.34	(N)	
Rate Band 33	$379.41	(N)	
Rate Band 34	$391.48	(N)	
Rate Band 35	$403.55	(N)	
Rate Band 36	$415.63	(N)	
Rate Band 37	$427.70	(N)	
Rate Band 38	$439.77	(N)	
Rate Band 39	$466.16	(N)	
Rate Band 40	$492.54	(N)	
Rate Band 41	$518.93	(N)	
Rate Band 42	$545.31	(N)	
Rate Band 43	$571.70	(N)	
Rate Band 44	$598.09	(N)	
Rate Band 45	$624.47	(N)	
Rate Band 46	$650.86	(N)	
Rate Band 47	$677.25	(N)	
Rate Band 48	$703.63	(N)	
Rate Band 49	$730.02	(N)	
Rate Band 50	$756.40	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(B) Symmetric Digital Subscriber Line Access Service (Cont'd)

SDSL Line Charge	Monthly Rate		Nonrecurring Installation Charge
- Per Data-Only Option (Cont'd)			
- 100 Mbps			$211.00
Rate Band 1	$13.72	(R)	
Rate Band 2	$27.43	(R)	
Rate Band 3	$41.15	(R)	
Rate Band 4	$54.87	(R)	
Rate Band 5	$77.46	(R)	
Rate Band 6	$100.05	(R)	
Rate Band 7	$122.65	(R)	
Rate Band 8	$145.24	(R)	
Rate Band 9	$167.83	(R)	
Rate Band 10	$190.42	(R)	
Rate Band 11	$213.02	(R)	
Rate Band 12	$235.61	(R)	
Rate Band 13	$258.20	(I)	
Rate Band 14	$280.80	(I)	
Rate Band 15	$303.39	(I)	
Rate Band 16	$325.98	(I)	
Rate Band 17	$348.57	(I)	
Rate Band 18	$371.17	(N)	
Rate Band 19	$393.76	(N)	
Rate Band 20	$416.35	(N)	
Rate Band 21	$438.94	(N)	
Rate Band 22	$461.54	(N)	
Rate Band 23	$484.13	(N)	
Rate Band 24	$506.72	(N)	
Rate Band 25	$529.31	(N)	
Rate Band 26	$551.91	(N)	
Rate Band 27	$574.50	(N)	
Rate Band 28	$597.09	(N)	
Rate Band 29	$619.69	(N)	
Rate Band 30	$642.28	(N)	
Rate Band 31	$664.87	(N)	
Rate Band 32	$687.46	(N)	
Rate Band 33	$710.06	(N)	
Rate Band 34	$732.65	(N)	
Rate Band 35	$755.24	(N)	
Rate Band 36	$777.83	(N)	
Rate Band 37	$800.43	(N)	
Rate Band 38	$823.02	(N)	
Rate Band 39	$872.40	(N)	
Rate Band 40	$921.78	(N)	
Rate Band 41	$971.16	(N)	
Rate Band 42	$1,020.54	(N)	
Rate Band 43	$1,069.93	(N)	
Rate Band 44	$1,119.31	(N)	
Rate Band 45	$1,168.69	(N)	
Rate Band 46	$1,218.07	(N)	
Rate Band 47	$1,267.45	(N)	
Rate Band 48	$1,316.83	(N)	
Rate Band 49	$1,366.21	(N)	
Rate Band 50	$1,415.59	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(C) Temporary Suspension Fee

ADSL Line Charge	Nonrecurring Charge	
- Per Voice-Data Option Per line, per occasion	$25.00	
SDSL Line Charge		
- Per Voice-Data Option Per line, per occasion	$25.00	

(D) Early Termination Fee

ADSL Line Charge	Nonrecurring Charge	
- Per Voice-Data Option Per line	$25.00	
- Per Data-Only Option Per line	$25.00	
SDSL Line Charge		
- Per Voice-Data Option Per line	$25.00	
- Per Data-Only Option Per line	$25.00	(N) (N)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

Reserved for Future Use (T)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

Reserved for Future Use (T)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(D) Reserved for future use. (C)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(E) Promotional Offerings

(1) Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(F) Reserved For Future Use (T)

(D)

(D)

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(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(F) Reserved For Future Use (T)

(D)

(D)

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(F) Reserved For Future Use (T)

(D)

(D)

(D)
(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(F) Reserved For Future Use (T)

(D)

(D)

(D)
(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(F) Reserved For Future Use (T)

(D)

(D)

(D)
(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(F) Reserved For Future Use (T)

(D)

(D)

(D)
(D)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(F) Reserved For Future Use (T)

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(D)

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(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(F) Reserved For Future Use (T)

(D)

(D)

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(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(F) Reserved For Future Use (T)

(D)

(D)

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(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(F) Reserved For Future Use (T)

(D)

(D)

(D)
(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(F) Reserved For Future Use (T)

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(D)

(D)
(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(F) Reserved For Future Use (T)

(D)

(D)

(D)
(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(F) Reserved For Future Use (T)

(D)

(D)

(D)
(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(F) Reserved For Future Use (T)

(D)

(D)

(D)
(D)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(G) Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(G) Reserved for Future Use (T)

(D)

(D)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan

Regulations concerning the DSL Access Services Wholesale Pricing Plan (DSL WPP) are set forth in Section 8.5, preceding.

	Monthly Rate		Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges			
ADSL Line Charge			
- Per Voice-Data Option			
- 1 Mbps/6 Mbps			$185.00
Rate Band 1	$2.97	(R)	
Rate Band 2	$5.94	(R)	
Rate Band 3	$8.91	(R)	
Rate Band 4	$11.88	(R)	
Rate Band 5	$16.78	(R)	
Rate Band 6	$21.67	(R)	
Rate Band 7	$26.56	(R)	
Rate Band 8	$31.46	(R)	
Rate Band 9	$36.35	(R)	
Rate Band 10	$41.24	(R)	
Rate Band 11	$46.14	(R)	
Rate Band 12	$51.03	(I)	
Rate Band 13	$55.92	(I)	
Rate Band 14	$60.82	(I)	
Rate Band 15	$65.71	(I)	
Rate Band 16	$70.60	(I)	
Rate Band 17	$75.50	(I)	
Rate Band 18	$80.39	(N)	
Rate Band 19	$85.29	(N)	
Rate Band 20	$90.18	(N)	
Rate Band 21	$95.07	(N)	
Rate Band 22	$99.97	(N)	
Rate Band 23	$104.86	(N)	
Rate Band 24	$109.75	(N)	
Rate Band 25	$114.65	(N)	
Rate Band 26	$119.54	(N)	
Rate Band 27	$124.43	(N)	
Rate Band 28	$129.33	(N)	
Rate Band 29	$134.22	(N)	
Rate Band 30	$139.11	(N)	
Rate Band 31	$144.01	(N)	
Rate Band 32	$148.90	(N)	
Rate Band 33	$153.79	(N)	
Rate Band 34	$158.69	(N)	
Rate Band 35	$163.58	(N)	
Rate Band 36	$168.47	(N)	
Rate Band 37	$173.37	(N)	
Rate Band 38	$178.26	(N)	
Rate Band 39	$188.96	(N)	
Rate Band 40	$199.65	(N)	
Rate Band 41	$210.35	(N)	
Rate Band 42	$221.04	(N)	
Rate Band 43	$231.74	(N)	
Rate Band 44	$242.43	(N)	
Rate Band 45	$253.13	(N)	
Rate Band 46	$263.82	(N)	
Rate Band 47	$274.52	(N)	
Rate Band 48	$285.22	(N)	
Rate Band 49	$295.91	(N)	
Rate Band 50	$306.61	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

	Monthly Rate		Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges (Cont'd)			
ADSL Line Charge (Cont'd)			
- Per Voice-Data Option (Cont'd)			
- 3 Mbps/15 Mbps			$185.00
Rate Band 1	$3.62	(R)	
Rate Band 2	$7.24	(R)	
Rate Band 3	$10.87	(R)	
Rate Band 4	$14.49	(R)	
Rate Band 5	$20.45	(R)	
Rate Band 6	$26.42	(R)	
Rate Band 7	$32.38	(R)	
Rate Band 8	$38.35	(R)	
Rate Band 9	$44.32	(R)	
Rate Band 10	$50.28	(R)	
Rate Band 11	$56.25	(R)	
Rate Band 12	$62.21	(I)	
Rate Band 13	$68.18	(I)	
Rate Band 14	$74.14	(I)	
Rate Band 15	$80.11	(I)	
Rate Band 16	$86.08	(I)	
Rate Band 17	$92.04	(I)	
Rate Band 18	$98.01	(N)	
Rate Band 19	$103.97	(N)	
Rate Band 20	$109.94	(N)	
Rate Band 21	$115.90	(N)	
Rate Band 22	$121.87	(N)	
Rate Band 23	$127.84	(N)	
Rate Band 24	$133.80	(N)	
Rate Band 25	$139.77	(N)	
Rate Band 26	$145.73	(N)	
Rate Band 27	$151.70	(N)	
Rate Band 28	$157.66	(N)	
Rate Band 29	$163.63	(N)	
Rate Band 30	$169.59	(N)	
Rate Band 31	$175.56	(N)	
Rate Band 32	$181.53	(N)	
Rate Band 33	$187.49	(N)	
Rate Band 34	$193.46	(N)	
Rate Band 35	$199.42	(N)	
Rate Band 36	$205.39	(N)	
Rate Band 37	$211.35	(N)	
Rate Band 38	$217.32	(N)	
Rate Band 39	$230.36	(N)	
Rate Band 40	$243.40	(N)	
Rate Band 41	$256.44	(N)	
Rate Band 42	$269.48	(N)	
Rate Band 43	$282.52	(N)	
Rate Band 44	$295.56	(N)	
Rate Band 45	$308.59	(N)	
Rate Band 46	$321.63	(N)	
Rate Band 47	$334.67	(N)	
Rate Band 48	$347.71	(N)	
Rate Band 49	$360.75	(N)	
Rate Band 50	$373.79	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

Reserved for Future Use (N)

Certain material formerly found on this page now appears on Original Page 17-42.2.6.11, Original Page 17-42.2.6.12, Original Page 17-42.2.6.13 and Original Page 17-42.2.6.14.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

	Monthly Rate		Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges (Cont'd)			
ADSL Line Charge(Cont'd)			
- Per Voice-Data Option (Cont'd)			
- 25 Mbps/50 Mbps			$185.00
Rate Band 1	$3.89	(R)	
Rate Band 2	$7.78	(R)	
Rate Band 3	$11.68	(R)	
Rate Band 4	$15.57	(R)	
Rate Band 5	$21.98	(R)	
Rate Band 6	$28.39	(R)	
Rate Band 7	$34.80	(R)	
Rate Band 8	$41.21	(R)	
Rate Band 9	$47.63	(R)	
Rate Band 10	$54.04	(R)	
Rate Band 11	$60.45	(R)	
Rate Band 12	$66.86	(I)	
Rate Band 13	$73.27	(I)	
Rate Band 14	$79.68	(I)	
Rate Band 15	$86.09	(I)	
Rate Band 16	$92.50	(I)	
Rate Band 17	$98.92	(I)	
Rate Band 18	$105.33	(N)	
Rate Band 19	$111.74	(N)	
Rate Band 20	$118.15	(N)	
Rate Band 21	$124.56	(N)	
Rate Band 22	$130.97	(N)	
Rate Band 23	$137.38	(N)	
Rate Band 24	$143.79	(N)	
Rate Band 25	$150.20	(N)	
Rate Band 26	$156.62	(N)	
Rate Band 27	$163.03	(N)	
Rate Band 28	$169.44	(N)	
Rate Band 29	$175.85	(N)	
Rate Band 30	$182.26	(N)	
Rate Band 31	$188.67	(N)	
Rate Band 32	$195.08	(N)	
Rate Band 33	$201.49	(N)	
Rate Band 34	$207.91	(N)	
Rate Band 35	$214.32	(N)	
Rate Band 36	$220.73	(N)	
Rate Band 37	$227.14	(N)	
Rate Band 38	$233.55	(N)	
Rate Band 39	$247.56	(N)	
Rate Band 40	$261.58	(N)	
Rate Band 41	$275.59	(N)	
Rate Band 42	$289.60	(N)	
Rate Band 43	$303.62	(N)	
Rate Band 44	$317.63	(N)	
Rate Band 45	$331.64	(N)	
Rate Band 46	$345.65	(N)	
Rate Band 47	$359.67	(N)	
Rate Band 48	$373.68	(N)	
Rate Band 49	$387.69	(N)	
Rate Band 50	$401.71	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

	Monthly Rate		Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges (Cont'd)			
ADSL Line Charge (Cont'd)			
- Per Voice-Data Option (Cont'd)			
- 50 Mbps/100 Mbps			$185.00
Rate Band 1	$6.43	(R)	
Rate Band 2	$12.86	(R)	
Rate Band 3	$19.29	(R)	
Rate Band 4	$25.72	(R)	
Rate Band 5	$36.31	(R)	
Rate Band 6	$46.90	(R)	
Rate Band 7	$57.49	(R)	
Rate Band 8	$68.08	(R)	
Rate Band 9	$78.67	(R)	
Rate Band 10	$89.26	(R)	
Rate Band 11	$99.85	(R)	
Rate Band 12	$110.44	(I)	
Rate Band 13	$121.03	(I)	
Rate Band 14	$131.62	(I)	
Rate Band 15	$142.21	(I)	
Rate Band 16	$152.80	(I)	
Rate Band 17	$163.38	(I)	
Rate Band 18	$173.97	(N)	
Rate Band 19	$184.56	(N)	
Rate Band 20	$195.15	(N)	
Rate Band 21	$205.74	(N)	
Rate Band 22	$216.33	(N)	
Rate Band 23	$226.92	(N)	
Rate Band 24	$237.51	(N)	
Rate Band 25	$248.10	(N)	
Rate Band 26	$258.69	(N)	
Rate Band 27	$269.28	(N)	
Rate Band 28	$279.87	(N)	
Rate Band 29	$290.46	(N)	
Rate Band 30	$301.05	(N)	
Rate Band 31	$311.64	(N)	
Rate Band 32	$322.23	(N)	
Rate Band 33	$332.82	(N)	
Rate Band 34	$343.41	(N)	
Rate Band 35	$354.00	(N)	
Rate Band 36	$364.59	(N)	
Rate Band 37	$375.18	(N)	
Rate Band 38	$385.77	(N)	
Rate Band 39	$408.92	(N)	
Rate Band 40	$432.06	(N)	
Rate Band 41	$455.21	(N)	
Rate Band 42	$478.35	(N)	
Rate Band 43	$501.50	(N)	
Rate Band 44	$524.65	(N)	
Rate Band 45	$547.79	(N)	
Rate Band 46	$570.94	(N)	
Rate Band 47	$594.09	(N)	
Rate Band 48	$617.23	(N)	
Rate Band 49	$640.38	(N)	
Rate Band 50	$663.52	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

	Monthly Rate		Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges (Cont'd)			
ADSL Line Charge (Cont'd)			
- Per Data-Only Option			
- 1 Mbps/6 Mbps			$211.00
Rate Band 1	$7.25	(R)	
Rate Band 2	$14.51	(R)	
Rate Band 3	$21.76	(R)	
Rate Band 4	$29.01	(R)	
Rate Band 5	$40.96	(R)	
Rate Band 6	$52.90	(R)	
Rate Band 7	$64.85	(R)	
Rate Band 8	$76.79	(R)	
Rate Band 9	$88.74	(R)	
Rate Band 10	$100.68	(R)	
Rate Band 11	$112.63	(R)	
Rate Band 12	$124.57	(R)	
Rate Band 13	$136.52	(I)	
Rate Band 14	$148.46	(I)	
Rate Band 15	$160.41	(I)	
Rate Band 16	$172.35	(I)	
Rate Band 17	$184.30	(I)	
Rate Band 18	$196.24	(N)	
Rate Band 19	$208.19	(N)	
Rate Band 20	$220.13	(N)	
Rate Band 21	$232.08	(N)	
Rate Band 22	$244.03	(N)	
Rate Band 23	$255.97	(N)	
Rate Band 24	$267.92	(N)	
Rate Band 25	$279.86	(N)	
Rate Band 26	$291.81	(N)	
Rate Band 27	$303.75	(N)	
Rate Band 28	$315.70	(N)	
Rate Band 29	$327.64	(N)	
Rate Band 30	$339.59	(N)	
Rate Band 31	$351.53	(N)	
Rate Band 32	$363.48	(N)	
Rate Band 33	$375.42	(N)	
Rate Band 34	$387.37	(N)	
Rate Band 35	$399.31	(N)	
Rate Band 36	$411.26	(N)	
Rate Band 37	$423.20	(N)	
Rate Band 38	$435.15	(N)	
Rate Band 39	$461.26	(N)	
Rate Band 40	$487.37	(N)	
Rate Band 41	$513.48	(N)	
Rate Band 42	$539.59	(N)	
Rate Band 43	$565.70	(N)	
Rate Band 44	$591.80	(N)	
Rate Band 45	$617.91	(N)	
Rate Band 46	$644.02	(N)	
Rate Band 47	$670.13	(N)	
Rate Band 48	$696.24	(N)	
Rate Band 49	$722.35	(N)	
Rate Band 50	$748.46	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

	Monthly Rate		Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges (Cont'd)			
ADSL Line Charge (Cont'd)			
- Per Data-Only Option (Cont'd)			
- 3 Mbps/15 Mbps			$211.00
Rate Band 1	$8.17	(R)	
Rate Band 2	$16.34	(R)	
Rate Band 3	$24.51	(R)	
Rate Band 4	$32.68	(R)	
Rate Band 5	$46.13	(R)	
Rate Band 6	$59.59	(R)	
Rate Band 7	$73.04	(R)	
Rate Band 8	$86.50	(R)	
Rate Band 9	$99.95	(R)	
Rate Band 10	$113.40	(R)	
Rate Band 11	$126.86	(R)	
Rate Band 12	$140.31	(R)	
Rate Band 13	$153.77	(I)	
Rate Band 14	$167.22	(I)	
Rate Band 15	$180.68	(I)	
Rate Band 16	$194.13	(I)	
Rate Band 17	$207.59	(I)	
Rate Band 18	$221.04	(N)	
Rate Band 19	$234.50	(N)	
Rate Band 20	$247.95	(N)	
Rate Band 21	$261.41	(N)	
Rate Band 22	$274.86	(N)	
Rate Band 23	$288.32	(N)	
Rate Band 24	$301.77	(N)	
Rate Band 25	$315.23	(N)	
Rate Band 26	$328.68	(N)	
Rate Band 27	$342.14	(N)	
Rate Band 28	$355.59	(N)	
Rate Band 29	$369.05	(N)	
Rate Band 30	$382.50	(N)	
Rate Band 31	$395.96	(N)	
Rate Band 32	$409.41	(N)	
Rate Band 33	$422.87	(N)	
Rate Band 34	$436.32	(N)	
Rate Band 35	$449.78	(N)	
Rate Band 36	$463.23	(N)	
Rate Band 37	$476.69	(N)	
Rate Band 38	$490.14	(N)	
Rate Band 39	$519.55	(N)	
Rate Band 40	$548.96	(N)	
Rate Band 41	$578.37	(N)	
Rate Band 42	$607.77	(N)	
Rate Band 43	$637.18	(N)	
Rate Band 44	$666.59	(N)	
Rate Band 45	$696.00	(N)	
Rate Band 46	$725.41	(N)	
Rate Band 47	$754.82	(N)	
Rate Band 48	$784.22	(N)	
Rate Band 49	$813.63	(N)	
Rate Band 50	$843.04	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

	Monthly Rate		Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges (Cont'd)			
ADSL Line Charge (Cont'd)			
- Per Data-Only Option (Cont'd)			
- 25 Mbps/50 Mbps			$211.00
Rate Band 1	$10.36	(R)	
Rate Band 2	$20.73	(R)	
Rate Band 3	$31.09	(R)	
Rate Band 4	$41.45	(R)	
Rate Band 5	$58.52	(R)	
Rate Band 6	$75.59	(R)	
Rate Band 7	$92.66	(R)	
Rate Band 8	$109.73	(R)	
Rate Band 9	$126.79	(R)	
Rate Band 10	$143.86	(R)	
Rate Band 11	$160.93	(R)	
Rate Band 12	$178.00	(R)	
Rate Band 13	$195.07	(I)	
Rate Band 14	$212.14	(I)	
Rate Band 15	$229.21	(I)	
Rate Band 16	$246.27	(I)	
Rate Band 17	$263.34	(I)	
Rate Band 18	$280.41	(N)	
Rate Band 19	$297.48	(N)	
Rate Band 20	$314.55	(N)	
Rate Band 21	$331.62	(N)	
Rate Band 22	$348.68	(N)	
Rate Band 23	$365.75	(N)	
Rate Band 24	$382.82	(N)	
Rate Band 25	$399.89	(N)	
Rate Band 26	$416.96	(N)	
Rate Band 27	$434.03	(N)	
Rate Band 28	$451.10	(N)	
Rate Band 29	$468.16	(N)	
Rate Band 30	$485.23	(N)	
Rate Band 31	$502.30	(N)	
Rate Band 32	$519.37	(N)	
Rate Band 33	$536.44	(N)	
Rate Band 34	$553.51	(N)	
Rate Band 35	$570.57	(N)	
Rate Band 36	$587.64	(N)	
Rate Band 37	$604.71	(N)	
Rate Band 38	$621.78	(N)	
Rate Band 39	$659.09	(N)	
Rate Band 40	$696.39	(N)	
Rate Band 41	$733.70	(N)	
Rate Band 42	$771.01	(N)	
Rate Band 43	$808.31	(N)	
Rate Band 44	$845.62	(N)	
Rate Band 45	$882.93	(N)	
Rate Band 46	$920.23	(N)	
Rate Band 47	$957.54	(N)	
Rate Band 48	$994.85	(N)	
Rate Band 49	$1,032.15	(N)	
Rate Band 50	$1,069.46	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

	Monthly Rate		Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges (Cont'd)			
ADSL Line Charge (Cont'd)			
- Per Data-Only Option (Cont'd)			
- 50 Mbps/100 Mbps			$211.00
Rate Band 1	$13.51	(R)	
Rate Band 2	$27.02	(R)	
Rate Band 3	$40.53	(R)	
Rate Band 4	$54.04	(R)	
Rate Band 5	$76.29	(R)	
Rate Band 6	$98.54	(R)	
Rate Band 7	$120.79	(R)	
Rate Band 8	$143.04	(R)	
Rate Band 9	$165.29	(R)	
Rate Band 10	$187.54	(R)	
Rate Band 11	$209.79	(R)	
Rate Band 12	$232.05	(R)	
Rate Band 13	$254.30	(I)	
Rate Band 14	$276.55	(I)	
Rate Band 15	$298.80	(I)	
Rate Band 16	$321.05	(I)	
Rate Band 17	$343.30	(I)	
Rate Band 18	$365.55	(N)	
Rate Band 19	$387.80	(N)	
Rate Band 20	$410.05	(N)	
Rate Band 21	$432.30	(N)	
Rate Band 22	$454.55	(N)	
Rate Band 23	$476.81	(N)	
Rate Band 24	$499.06	(N)	
Rate Band 25	$521.31	(N)	
Rate Band 26	$543.56	(N)	
Rate Band 27	$565.81	(N)	
Rate Band 28	$588.06	(N)	
Rate Band 29	$610.31	(N)	
Rate Band 30	$632.56	(N)	
Rate Band 31	$654.81	(N)	
Rate Band 32	$677.06	(N)	
Rate Band 33	$699.32	(N)	
Rate Band 34	$721.57	(N)	
Rate Band 35	$743.82	(N)	
Rate Band 36	$766.07	(N)	
Rate Band 37	$788.32	(N)	
Rate Band 38	$810.57	(N)	
Rate Band 39	$859.20	(N)	
Rate Band 40	$907.84	(N)	
Rate Band 41	$956.47	(N)	
Rate Band 42	$1,005.11	(N)	
Rate Band 43	$1,053.74	(N)	
Rate Band 44	$1,102.38	(N)	
Rate Band 45	$1,151.01	(N)	
Rate Band 46	$1,199.64	(N)	
Rate Band 47	$1,248.28	(N)	
Rate Band 48	$1,296.91	(N)	
Rate Band 49	$1,345.55	(N)	
Rate Band 50	$1,394.18	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

	Monthly Rate		Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges (Cont'd)			
SDSL Line Charge			
- Per Voice-Data Option			
- 256 kbps			$185.00
Rate Band 1	$2.01	(R)	
Rate Band 2	$4.03	(R)	
Rate Band 3	$6.04	(R)	
Rate Band 4	$8.06	(R)	
Rate Band 5	$11.38	(R)	
Rate Band 6	$14.69	(R)	
Rate Band 7	$18.01	(R)	
Rate Band 8	$21.33	(R)	
Rate Band 9	$24.65	(R)	
Rate Band 10	$27.97	(R)	
Rate Band 11	$31.28	(R)	
Rate Band 12	$34.60	(I)	
Rate Band 13	$37.92	(I)	
Rate Band 14	$41.24	(I)	
Rate Band 15	$44.56	(I)	
Rate Band 16	$47.87	(I)	
Rate Band 17	$51.19	(I)	
Rate Band 18	$54.51	(N)	
Rate Band 19	$57.83	(N)	
Rate Band 20	$61.15	(N)	
Rate Band 21	$64.46	(N)	
Rate Band 22	$67.78	(N)	
Rate Band 23	$71.10	(N)	
Rate Band 24	$74.42	(N)	
Rate Band 25	$77.74	(N)	
Rate Band 26	$81.05	(N)	
Rate Band 27	$84.37	(N)	
Rate Band 28	$87.69	(N)	
Rate Band 29	$91.01	(N)	
Rate Band 30	$94.33	(N)	
Rate Band 31	$97.64	(N)	
Rate Band 32	$100.96	(N)	
Rate Band 33	$104.28	(N)	
Rate Band 34	$107.60	(N)	
Rate Band 35	$110.92	(N)	
Rate Band 36	$114.23	(N)	
Rate Band 37	$117.55	(N)	
Rate Band 38	$120.87	(N)	
Rate Band 39	$128.12	(N)	
Rate Band 40	$135.37	(N)	
Rate Band 41	$142.63	(N)	
Rate Band 42	$149.88	(N)	
Rate Band 43	$157.13	(N)	
Rate Band 44	$164.38	(N)	
Rate Band 45	$171.64	(N)	
Rate Band 46	$178.89	(N)	
Rate Band 47	$186.14	(N)	
Rate Band 48	$193.39	(N)	
Rate Band 49	$200.64	(N)	
Rate Band 50	$207.90	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

	Monthly Rate		Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges (Cont'd)			
SDSL Line Charge (Cont'd)			
- Per Voice-Data Option (Cont'd)			
- 768 kbps			$185.00
Rate Band 1	$2.97	(R)	
Rate Band 2	$5.94	(R)	
Rate Band 3	$8.91	(R)	
Rate Band 4	$11.88	(R)	
Rate Band 5	$16.78	(R)	
Rate Band 6	$21.67	(R)	
Rate Band 7	$26.56	(R)	
Rate Band 8	$31.46	(R)	
Rate Band 9	$36.35	(R)	
Rate Band 10	$41.24	(R)	
Rate Band 11	$46.14	(R)	
Rate Band 12	$51.03	(I)	
Rate Band 13	$55.92	(I)	
Rate Band 14	$60.82	(I)	
Rate Band 15	$65.71	(I)	
Rate Band 16	$70.60	(I)	
Rate Band 17	$75.50	(I)	
Rate Band 18	$80.39	(N)	
Rate Band 19	$85.29	(N)	
Rate Band 20	$90.18	(N)	
Rate Band 21	$95.07	(N)	
Rate Band 22	$99.97	(N)	
Rate Band 23	$104.86	(N)	
Rate Band 24	$109.75	(N)	
Rate Band 25	$114.65	(N)	
Rate Band 26	$119.54	(N)	
Rate Band 27	$124.43	(N)	
Rate Band 28	$129.33	(N)	
Rate Band 29	$134.22	(N)	
Rate Band 30	$139.11	(N)	
Rate Band 31	$144.01	(N)	
Rate Band 32	$148.90	(N)	
Rate Band 33	$153.79	(N)	
Rate Band 34	$158.69	(N)	
Rate Band 35	$163.58	(N)	
Rate Band 36	$168.47	(N)	
Rate Band 37	$173.37	(N)	
Rate Band 38	$178.26	(N)	
Rate Band 39	$188.96	(N)	
Rate Band 40	$199.65	(N)	
Rate Band 41	$210.35	(N)	
Rate Band 42	$221.04	(N)	
Rate Band 43	$231.74	(N)	
Rate Band 44	$242.43	(N)	
Rate Band 45	$253.13	(N)	
Rate Band 46	$263.82	(N)	
Rate Band 47	$274.52	(N)	
Rate Band 48	$285.22	(N)	
Rate Band 49	$295.91	(N)	
Rate Band 50	$306.61	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

	Monthly Rate		Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges (Cont'd)			
SDSL Line Charge (Cont'd)			
- Per Voice-Data Option (Cont'd)			
- 10 Mbps			$185.00
Rate Band 1	$2.97	(R)	
Rate Band 2	$5.94	(R)	
Rate Band 3	$8.91	(R)	
Rate Band 4	$11.88	(R)	
Rate Band 5	$16.78	(R)	
Rate Band 6	$21.67	(R)	
Rate Band 7	$26.56	(R)	
Rate Band 8	$31.46	(R)	
Rate Band 9	$36.35	(R)	
Rate Band 10	$41.24	(R)	
Rate Band 11	$46.14	(R)	
Rate Band 12	$51.03	(I)	
Rate Band 13	$55.92	(I)	
Rate Band 14	$60.82	(I)	
Rate Band 15	$65.71	(I)	
Rate Band 16	$70.60	(I)	
Rate Band 17	$75.50	(I)	
Rate Band 18	$80.39	(N)	
Rate Band 19	$85.29	(N)	
Rate Band 20	$90.18	(N)	
Rate Band 21	$95.07	(N)	
Rate Band 22	$99.97	(N)	
Rate Band 23	$104.86	(N)	
Rate Band 24	$109.75	(N)	
Rate Band 25	$114.65	(N)	
Rate Band 26	$119.54	(N)	
Rate Band 27	$124.43	(N)	
Rate Band 28	$129.33	(N)	
Rate Band 29	$134.22	(N)	
Rate Band 30	$139.11	(N)	
Rate Band 31	$144.01	(N)	
Rate Band 32	$148.90	(N)	
Rate Band 33	$153.79	(N)	
Rate Band 34	$158.69	(N)	
Rate Band 35	$163.58	(N)	
Rate Band 36	$168.47	(N)	
Rate Band 37	$173.37	(N)	
Rate Band 38	$178.26	(N)	
Rate Band 39	$188.96	(N)	
Rate Band 40	$199.65	(N)	
Rate Band 41	$210.35	(N)	
Rate Band 42	$221.04	(N)	
Rate Band 43	$231.74	(N)	
Rate Band 44	$242.43	(N)	
Rate Band 45	$253.13	(N)	
Rate Band 46	$263.82	(N)	
Rate Band 47	$274.52	(N)	
Rate Band 48	$285.22	(N)	
Rate Band 49	$295.91	(N)	
Rate Band 50	$306.61	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

		Monthly Rate	Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges (Cont'd)			
SDSL Line Charge (Cont'd)			
- Per Voice-Data Option (Cont'd)			
- 100 Mbps			$185.00
Rate Band 1		$6.43	(S)(x)
Rate Band 2		$12.86	(C)(y)
Rate Band 3		$19.29	
Rate Band 4		$25.72	
Rate Band 5		$36.31	
Rate Band 6		$46.90	
Rate Band 7		$57.49	
Rate Band 8		$68.08	
Rate Band 9		$78.67	
Rate Band 10		$89.26	
Rate Band 11		$99.85	
Rate Band 12		$110.44	
Rate Band 13		$121.03	
Rate Band 14		$131.62	
Rate Band 15		$142.21	
Rate Band 16		$152.80	
Rate Band 17		$163.38	
Rate Band 18	(S)(x)	$173.97	
Rate Band 19		$184.56	
Rate Band 20		$195.15	
Rate Band 21		$205.74	
Rate Band 22		$216.33	
Rate Band 23		$226.92	
Rate Band 24		$237.51	
Rate Band 25		$248.10	
Rate Band 26		$258.69	
Rate Band 27		$269.28	
Rate Band 28		$279.87	
Rate Band 29		$290.46	
Rate Band 30		$301.05	
Rate Band 31		$311.64	
Rate Band 32		$322.23	
Rate Band 33		$332.82	
Rate Band 34		$343.41	
Rate Band 35		$354.00	
Rate Band 36		$364.59	
Rate Band 37		$375.18	
Rate Band 38		$385.77	
Rate Band 39		$408.92	
Rate Band 40		$432.06	
Rate Band 41		$455.21	
Rate Band 42		$478.35	
Rate Band 43		$501.50	
Rate Band 44		$524.65	
Rate Band 45		$547.79	
Rate Band 46		$570.94	
Rate Band 47		$594.09	
Rate Band 48		$617.23	
Rate Band 49		$640.38	
Rate Band 50	(S)(x)	$663.52	(C)(y)

(x) All material coded with an "S" was originally filed under Transmittal No. 1455 on June 16, 2015 and is scheduled to become effective July 1, 2015.

(y) This material, filed under authority of Special Permission No. 15-006 of the Federal Communications Commission, corrects the rate originally filed under Transmittal No. 1455.

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

	Monthly Rate		Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges (Cont'd)			
SDSL Line Charge (Cont'd)			
- Per Data-Only Option			
- 144 kbps			$211.00
Rate Band 1	$8.48	(R)	
Rate Band 2	$16.96	(R)	
Rate Band 3	$25.43	(R)	
Rate Band 4	$33.91	(R)	
Rate Band 5	$47.87	(R)	
Rate Band 6	$61.84	(R)	
Rate Band 7	$75.80	(R)	
Rate Band 8	$89.76	(R)	
Rate Band 9	$103.72	(R)	
Rate Band 10	$117.69	(R)	
Rate Band 11	$131.65	(R)	
Rate Band 12	$145.61	(R)	
Rate Band 13	$159.58	(I)	
Rate Band 14	$173.54	(I)	
Rate Band 15	$187.50	(I)	
Rate Band 16	$201.47	(I)	
Rate Band 17	$215.43	(I)	
Rate Band 18	$229.39	(N)	
Rate Band 19	$243.35	(N)	
Rate Band 20	$257.32	(N)	
Rate Band 21	$271.28	(N)	
Rate Band 22	$285.24	(N)	
Rate Band 23	$299.21	(N)	
Rate Band 24	$313.17	(N)	
Rate Band 25	$327.13	(N)	
Rate Band 26	$341.09	(N)	
Rate Band 27	$355.06	(N)	
Rate Band 28	$369.02	(N)	
Rate Band 29	$382.98	(N)	
Rate Band 30	$396.95	(N)	
Rate Band 31	$410.91	(N)	
Rate Band 32	$424.87	(N)	
Rate Band 33	$438.84	(N)	
Rate Band 34	$452.80	(N)	
Rate Band 35	$466.76	(N)	
Rate Band 36	$480.72	(N)	
Rate Band 37	$494.69	(N)	
Rate Band 38	$508.65	(N)	
Rate Band 39	$539.17	(N)	
Rate Band 40	$569.69	(N)	
Rate Band 41	$600.21	(N)	
Rate Band 42	$630.73	(N)	
Rate Band 43	$661.25	(N)	
Rate Band 44	$691.76	(N)	
Rate Band 45	$722.28	(N)	
Rate Band 46	$752.80	(N)	
Rate Band 47	$783.32	(N)	
Rate Band 48	$813.84	(N)	
Rate Band 49	$844.36	(N)	
Rate Band 50	$874.88	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

	Monthly Rate		Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges (Cont'd)			
SDSL Line Charge (Cont'd)			
- Per Data-Only Option (Cont'd)			
- 256 kbps			$211.00
Rate Band 1	$7.26	(R)	
Rate Band 2	$14.52	(R)	
Rate Band 3	$21.78	(R)	
Rate Band 4	$29.04	(R)	
Rate Band 5	$40.99	(R)	
Rate Band 6	$52.95	(R)	
Rate Band 7	$64.90	(R)	
Rate Band 8	$76.86	(R)	
Rate Band 9	$88.82	(R)	
Rate Band 10	$100.77	(R)	
Rate Band 11	$112.73	(R)	
Rate Band 12	$124.68	(R)	
Rate Band 13	$136.64	(I)	
Rate Band 14	$148.60	(I)	
Rate Band 15	$160.55	(I)	
Rate Band 16	$172.51	(I)	
Rate Band 17	$184.46	(I)	
Rate Band 18	$196.42	(N)	
Rate Band 19	$208.38	(N)	
Rate Band 20	$220.33	(N)	
Rate Band 21	$232.29	(N)	
Rate Band 22	$244.24	(N)	
Rate Band 23	$256.20	(N)	
Rate Band 24	$268.16	(N)	
Rate Band 25	$280.11	(N)	
Rate Band 26	$292.07	(N)	
Rate Band 27	$304.02	(N)	
Rate Band 28	$315.98	(N)	
Rate Band 29	$327.94	(N)	
Rate Band 30	$339.89	(N)	
Rate Band 31	$351.85	(N)	
Rate Band 32	$363.80	(N)	
Rate Band 33	$375.76	(N)	
Rate Band 34	$387.72	(N)	
Rate Band 35	$399.67	(N)	
Rate Band 36	$411.63	(N)	
Rate Band 37	$423.58	(N)	
Rate Band 38	$435.54	(N)	
Rate Band 39	$461.67	(N)	
Rate Band 40	$487.80	(N)	
Rate Band 41	$513.94	(N)	
Rate Band 42	$540.07	(N)	
Rate Band 43	$566.20	(N)	
Rate Band 44	$592.33	(N)	
Rate Band 45	$618.47	(N)	
Rate Band 46	$644.60	(N)	
Rate Band 47	$670.73	(N)	
Rate Band 48	$696.86	(N)	
Rate Band 49	$723.00	(N)	
Rate Band 50	$749.13	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

	Monthly Rate		Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges (Cont'd)			
SDSL Line Charge (Cont'd)			
- Per Data-Only Option (Cont'd)			
- 768 kbps			$211.00
Rate Band 1	$11.66	(R)	
Rate Band 2	$23.32	(R)	
Rate Band 3	$34.98	(R)	
Rate Band 4	$46.63	(R)	
Rate Band 5	$65.84	(R)	
Rate Band 6	$85.04	(R)	
Rate Band 7	$104.24	(R)	
Rate Band 8	$123.44	(R)	
Rate Band 9	$142.65	(R)	
Rate Band 10	$161.85	(R)	
Rate Band 11	$181.05	(R)	
Rate Band 12	$200.25	(R)	
Rate Band 13	$219.45	(I)	
Rate Band 14	$238.66	(I)	
Rate Band 15	$257.86	(I)	
Rate Band 16	$277.06	(I)	
Rate Band 17	$296.26	(I)	
Rate Band 18	$315.47	(N)	
Rate Band 19	$334.67	(N)	
Rate Band 20	$353.87	(N)	
Rate Band 21	$373.07	(N)	
Rate Band 22	$392.27	(N)	
Rate Band 23	$411.48	(N)	
Rate Band 24	$430.68	(N)	
Rate Band 25	$449.88	(N)	
Rate Band 26	$469.08	(N)	
Rate Band 27	$488.29	(N)	
Rate Band 28	$507.49	(N)	
Rate Band 29	$526.69	(N)	
Rate Band 30	$545.89	(N)	
Rate Band 31	$565.09	(N)	
Rate Band 32	$584.30	(N)	
Rate Band 33	$603.50	(N)	
Rate Band 34	$622.70	(N)	
Rate Band 35	$641.90	(N)	
Rate Band 36	$661.11	(N)	
Rate Band 37	$680.31	(N)	
Rate Band 38	$699.51	(N)	
Rate Band 39	$741.48	(N)	
Rate Band 40	$783.45	(N)	
Rate Band 41	$825.42	(N)	
Rate Band 42	$867.39	(N)	
Rate Band 43	$909.36	(N)	
Rate Band 44	$951.33	(N)	
Rate Band 45	$993.30	(N)	
Rate Band 46	$1,035.27	(N)	
Rate Band 47	$1,077.25	(N)	
Rate Band 48	$1,119.22	(N)	
Rate Band 49	$1,161.19	(N)	
Rate Band 50	$1,203.16	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

		Monthly Rate		Nonrecurring Installation Charge
(1)	DSL WPP Monthly Plan Line Charges (Cont'd)			
	SDSL Line Charge (Cont'd)			
	- Per Data-Only Option (Cont'd)			
	- 2 Mbps##			$211.00
	Rate Band 1	$21.92	(R)	
	Rate Band 2	$43.85	(R)	
	Rate Band 3	$65.77	(R)	
	Rate Band 4	$87.69	(R)	
	Rate Band 5	$123.80	(R)	
	Rate Band 6	$159.91	(R)	
	Rate Band 7	$196.02	(R)	
	Rate Band 8	$232.13	(R)	
	Rate Band 9	$268.24	(R)	
	Rate Band 10	$304.35	(R)	
	Rate Band 11	$340.46	(R)	
	Rate Band 12	$376.57	(R)	
	Rate Band 13	$412.68	(I)	
	Rate Band 14	$448.79	(I)	
	Rate Band 15	$484.90	(I)	
	Rate Band 16	$521.01	(I)	
	Rate Band 17	$557.11	(I)	
	Rate Band 18	$593.22	(N)	
	Rate Band 19	$629.33	(N)	
	Rate Band 20	$665.44	(N)	
	Rate Band 21	$701.55	(N)	
	Rate Band 22	$737.66	(N)	
	Rate Band 23	$773.77	(N)	
	Rate Band 24	$809.88	(N)	
	Rate Band 25	$845.99	(N)	
	Rate Band 26	$882.10	(N)	
	Rate Band 27	$918.21	(N)	
	Rate Band 28	$954.32	(N)	
	Rate Band 29	$990.43	(N)	
	Rate Band 30	$1,026.54	(N)	
	Rate Band 31	$1,062.64	(N)	
	Rate Band 32	$1,098.75	(N)	
	Rate Band 33	$1,134.86	(N)	
	Rate Band 34	$1,170.97	(N)	
	Rate Band 35	$1,207.08	(N)	
	Rate Band 36	$1,243.19	(N)	
	Rate Band 37	$1,279.30	(N)	
	Rate Band 38	$1,315.41	(N)	
	Rate Band 39	$1,394.33	(N)	
	Rate Band 40	$1,473.26	(N)	
	Rate Band 41	$1,552.18	(N)	
	Rate Band 42	$1,631.11	(N)	
	Rate Band 43	$1,710.03	(N)	
	Rate Band 44	$1,788.96	(N)	
	Rate Band 45	$1,867.88	(N)	
	Rate Band 46	$1,946.81	(N)	
	Rate Band 47	$2,025.73	(N)	
	Rate Band 48	$2,104.66	(N)	
	Rate Band 49	$2,183.58	(N)	
	Rate Band 50	$2,262.51	(N)	

Effective August 30, 2014, the SDSL Data-Only 2 Mbps service option will no longer be available to new customers. A current customer with an SDSL Data-Only 2 Mbps service option, in service on August 29, 2014, may retain that service option at its existing location.

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

	Monthly Rate		Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges (Cont'd)			
SDSL Line Charge (Cont'd)			
- Per Data-Only Option (Cont'd)			
- 4 Mbps##			$211.00
Rate Band 1	$41.93	(R)	
Rate Band 2	$83.86	(R)	
Rate Band 3	$125.79	(R)	
Rate Band 4	$167.72	(R)	
Rate Band 5	$236.78	(R)	
Rate Band 6	$305.85	(R)	
Rate Band 7	$374.91	(R)	
Rate Band 8	$443.97	(R)	
Rate Band 9	$513.03	(R)	
Rate Band 10	$582.09	(R)	
Rate Band 11	$651.16	(R)	
Rate Band 12	$720.22	(R)	
Rate Band 13	$789.28	(I)	
Rate Band 14	$858.34	(I)	
Rate Band 15	$927.40	(I)	
Rate Band 16	$996.47	(I)	
Rate Band 17	$1,065.53	(I)	
Rate Band 18	$1,134.59	(N)	
Rate Band 19	$1,203.65	(N)	
Rate Band 20	$1,272.71	(N)	
Rate Band 21	$1,341.78	(N)	
Rate Band 22	$1,410.84	(N)	
Rate Band 23	$1,479.90	(N)	
Rate Band 24	$1,548.96	(N)	
Rate Band 25	$1,618.02	(N)	
Rate Band 26	$1,687.09	(N)	
Rate Band 27	$1,756.15	(N)	
Rate Band 28	$1,825.21	(N)	
Rate Band 29	$1,894.27	(N)	
Rate Band 30	$1,963.33	(N)	
Rate Band 31	$2,032.40	(N)	
Rate Band 32	$2,101.46	(N)	
Rate Band 33	$2,170.52	(N)	
Rate Band 34	$2,239.58	(N)	
Rate Band 35	$2,308.64	(N)	
Rate Band 36	$2,377.71	(N)	
Rate Band 37	$2,446.77	(N)	
Rate Band 38	$2,515.83	(N)	
Rate Band 39	$2,666.78	(N)	
Rate Band 40	$2,817.73	(N)	
Rate Band 41	$2,968.68	(N)	
Rate Band 42	$3,119.63	(N)	
Rate Band 43	$3,270.58	(N)	
Rate Band 44	$3,421.53	(N)	
Rate Band 45	$3,572.48	(N)	
Rate Band 46	$3,723.43	(N)	
Rate Band 47	$3,874.38	(N)	
Rate Band 48	$4,025.33	(N)	
Rate Band 49	$4,176.28	(N)	
Rate Band 50	$4,327.23	(N)	

Effective August 30, 2014, the SDSL Data-Only 4 Mbps service option will no longer be available to new customers. A current customer with an SDSL Data-Only 4 Mbps service option, in service on August 29, 2014, may retain that service option at its existing location.

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

	Monthly Rate		Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges (Cont'd)			
SDSL Line Charge (Cont'd)			
- Per Data-Only Option (Cont'd)			
- 10 Mbps			$211.00
Rate Band 1	$7.25	(R)	
Rate Band 2	$14.51	(R)	
Rate Band 3	$21.76	(R)	
Rate Band 4	$29.01	(R)	
Rate Band 5	$40.96	(R)	
Rate Band 6	$52.90	(R)	
Rate Band 7	$64.85	(R)	
Rate Band 8	$76.79	(R)	
Rate Band 9	$88.74	(R)	
Rate Band 10	$100.68	(R)	
Rate Band 11	$112.63	(R)	
Rate Band 12	$124.57	(R)	
Rate Band 13	$136.52	(I)	
Rate Band 14	$148.46	(I)	
Rate Band 15	$160.41	(I)	
Rate Band 16	$172.35	(I)	
Rate Band 17	$184.30	(I)	
Rate Band 18	$196.24	(N)	
Rate Band 19	$208.19	(N)	
Rate Band 20	$220.13	(N)	
Rate Band 21	$232.08	(N)	
Rate Band 22	$244.03	(N)	
Rate Band 23	$255.97	(N)	
Rate Band 24	$267.92	(N)	
Rate Band 25	$279.86	(N)	
Rate Band 26	$291.81	(N)	
Rate Band 27	$303.75	(N)	
Rate Band 28	$315.70	(N)	
Rate Band 29	$327.64	(N)	
Rate Band 30	$339.59	(N)	
Rate Band 31	$351.53	(N)	
Rate Band 32	$363.48	(N)	
Rate Band 33	$375.42	(N)	
Rate Band 34	$387.37	(N)	
Rate Band 35	$399.31	(N)	
Rate Band 36	$411.26	(N)	
Rate Band 37	$423.20	(N)	
Rate Band 38	$435.15	(N)	
Rate Band 39	$461.26	(N)	
Rate Band 40	$487.37	(N)	
Rate Band 41	$513.48	(N)	
Rate Band 42	$539.59	(N)	
Rate Band 43	$565.70	(N)	
Rate Band 44	$591.80	(N)	
Rate Band 45	$617.91	(N)	
Rate Band 46	$644.02	(N)	
Rate Band 47	$670.13	(N)	
Rate Band 48	$696.24	(N)	
Rate Band 49	$722.35	(N)	
Rate Band 50	$748.46	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

	Monthly Rate		Nonrecurring Installation Charge
(1) DSL WPP Monthly Plan Line Charges (Cont'd)			
SDSL Line Charge (Cont'd)			
- Per Data-Only Option (Cont'd)			
- 100 Mbps			$211.00
Rate Band 1	$13.51	(R)	
Rate Band 2	$27.02	(R)	
Rate Band 3	$40.53	(R)	
Rate Band 4	$54.04	(R)	
Rate Band 5	$76.29	(R)	
Rate Band 6	$98.54	(R)	
Rate Band 7	$120.79	(R)	
Rate Band 8	$143.04	(R)	
Rate Band 9	$165.29	(R)	
Rate Band 10	$187.54	(R)	
Rate Band 11	$209.79	(R)	
Rate Band 12	$232.05	(R)	
Rate Band 13	$254.30	(I)	
Rate Band 14	$276.55	(I)	
Rate Band 15	$298.80	(I)	
Rate Band 16	$321.05	(I)	
Rate Band 17	$343.30	(I)	
Rate Band 18	$365.55	(N)	
Rate Band 19	$387.80	(N)	
Rate Band 20	$410.05	(N)	
Rate Band 21	$432.30	(N)	
Rate Band 22	$454.55	(N)	
Rate Band 23	$476.81	(N)	
Rate Band 24	$499.06	(N)	
Rate Band 25	$521.31	(N)	
Rate Band 26	$543.56	(N)	
Rate Band 27	$565.81	(N)	
Rate Band 28	$588.06	(N)	
Rate Band 29	$610.31	(N)	
Rate Band 30	$632.56	(N)	
Rate Band 31	$654.81	(N)	
Rate Band 32	$677.06	(N)	
Rate Band 33	$699.32	(N)	
Rate Band 34	$721.57	(N)	
Rate Band 35	$743.82	(N)	
Rate Band 36	$766.07	(N)	
Rate Band 37	$788.32	(N)	
Rate Band 38	$810.57	(N)	
Rate Band 39	$859.20	(N)	
Rate Band 40	$907.84	(N)	
Rate Band 41	$956.47	(N)	
Rate Band 42	$1,005.11	(N)	
Rate Band 43	$1,053.74	(N)	
Rate Band 44	$1,102.38	(N)	
Rate Band 45	$1,151.01	(N)	
Rate Band 46	$1,199.64	(N)	
Rate Band 47	$1,248.28	(N)	
Rate Band 48	$1,296.91	(N)	
Rate Band 49	$1,345.55	(N)	
Rate Band 50	$1,394.18	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

	Monthly Rate	Nonrecurring Installation Charge	
(2) DSL WPP Term Plan			(M)
(a) DSL WPP Term Plan Charges			
Per Study Area - Term Plan		None	(C)
Rate Band 1	$0.00		
Rate Band 2	$0.00		
Rate Band 3	$0.00		
Rate Band 4	$0.00		
Rate Band 5	$0.00		(M)

Certain material currently found on this page previously appeared on Original Page 17-42.2.6.14.

Refer to the DSL WPP Term Plan Rate Band column in Section 17.6(A), following, to view company specific rate band assignments. (N)

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont’d)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont’d)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont’d)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont’d)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont’d)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(D)

(D)

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN					
ADSL					
Voice-Data Option					
- 1 Mbps/6 Mbps					$185.00
Rate Band 1	$1.63	(R)	$1.15	(R)	
Rate Band 2	$3.26	(R)	$2.30	(R)	
Rate Band 3	$4.89	(R)	$3.45	(R)	
Rate Band 4	$6.52	(R)	$4.60	(R)	
Rate Band 5	$9.21	(R)	$6.49	(R)	
Rate Band 6	$11.89	(R)	$8.39	(R)	
Rate Band 7	$14.58	(R)	$10.28	(R)	
Rate Band 8	$17.26	(R)	$12.18	(R)	
Rate Band 9	$19.95	(R)	$14.07	(R)	
Rate Band 10	$22.64	(R)	$15.96	(R)	
Rate Band 11	$25.32	(R)	$17.86	(R)	
Rate Band 12	$28.01	(I)	$19.75		
Rate Band 13	$30.69	(I)	$21.65	(I)	
Rate Band 14	$33.38	(I)	$23.54	(I)	
Rate Band 15	$36.06	(I)	$25.44	(I)	
Rate Band 16	$38.75	(I)	$27.33	(I)	
Rate Band 17	$41.43	(I)	$29.22	(I)	
Rate Band 18	$44.12	(N)	$31.12	(N)	
Rate Band 19	$46.80	(N)	$33.01	(N)	
Rate Band 20	$49.49	(N)	$34.91	(N)	
Rate Band 21	$52.18	(N)	$36.80	(N)	
Rate Band 22	$54.86	(N)	$38.69	(N)	
Rate Band 23	$57.55	(N)	$40.59	(N)	
Rate Band 24	$60.23	(N)	$42.48	(N)	
Rate Band 25	$62.92	(N)	$44.38	(N)	
Rate Band 26	$65.60	(N)	$46.27	(N)	
Rate Band 27	$68.29	(N)	$48.16	(N)	
Rate Band 28	$70.97	(N)	$50.06	(N)	
Rate Band 29	$73.66	(N)	$51.95	(N)	
Rate Band 30	$76.35	(N)	$53.85	(N)	
Rate Band 31	$79.03	(N)	$55.74	(N)	
Rate Band 32	$81.72	(N)	$57.64	(N)	
Rate Band 33	$84.40	(N)	$59.53	(N)	
Rate Band 34	$87.09	(N)	$61.42	(N)	
Rate Band 35	$89.77	(N)	$63.32	(N)	
Rate Band 36	$92.46	(N)	$65.21	(N)	
Rate Band 37	$95.14	(N)	$67.11	(N)	
Rate Band 38	$97.83	(N)	$69.00	(N)	
Rate Band 39	$103.70	(N)	$73.14	(N)	
Rate Band 40	$109.57	(N)	$77.28	(N)	
Rate Band 41	$115.44	(N)	$81.42	(N)	
Rate Band 42	$121.31	(N)	$85.56	(N)	
Rate Band 43	$127.18	(N)	$89.70	(N)	
Rate Band 44	$133.05	(N)	$93.84	(N)	
Rate Band 45	$138.92	(N)	$97.98	(N)	
Rate Band 46	$144.79	(N)	$102.12	(N)	
Rate Band 47	$150.66	(N)	$106.26	(N)	
Rate Band 48	$156.53	(N)	$110.40	(N)	
Rate Band 49	$162.40	(N)	$114.54	(N)	
Rate Band 50	$168.27	(N)	$118.68	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN (Cont'd)					
ADSL (Cont'd)					
Voice-Data Option (Cont'd)					
- 3 Mbps/15 Mbps					$185.00
Rate Band 1	$2.18	(R)	$1.70	(R)	
Rate Band 2	$4.37	(R)	$3.41	(R)	
Rate Band 3	$6.56	(R)	$5.11	(R)	
Rate Band 4	$8.74	(R)	$6.81	(R)	
Rate Band 5	$12.34	(R)	$9.62	(R)	
Rate Band 6	$15.94	(R)	$12.43	(R)	
Rate Band 7	$19.54	(R)	$15.23	(R)	
Rate Band 8	$23.14	(R)	$18.04	(R)	
Rate Band 9	$26.73	(R)	$20.84	(R)	
Rate Band 10	$30.33	(R)	$23.65	(R)	
Rate Band 11	$33.93	(R)	$26.45	(R)	
Rate Band 12	$37.53	(I)	$29.26	(I)	
Rate Band 13	$41.13	(I)	$32.07	(I)	
Rate Band 14	$44.73	(I)	$34.87	(I)	
Rate Band 15	$48.33	(I)	$37.68	(I)	
Rate Band 16	$51.93	(I)	$40.48	(I)	
Rate Band 17	$55.52	(I)	$43.29	(I)	
Rate Band 18	$59.12	(N)	$46.09	(N)	
Rate Band 19	$62.72	(N)	$48.90	(N)	
Rate Band 20	$66.32	(N)	$51.71	(N)	
Rate Band 21	$69.92	(N)	$54.51	(N)	
Rate Band 22	$73.52	(N)	$57.32	(N)	
Rate Band 23	$77.12	(N)	$60.12	(N)	
Rate Band 24	$80.72	(N)	$62.93	(N)	
Rate Band 25	$84.32	(N)	$65.74	(N)	
Rate Band 26	$87.91	(N)	$68.54	(N)	
Rate Band 27	$91.51	(N)	$71.35	(N)	
Rate Band 28	$95.11	(N)	$74.15	(N)	
Rate Band 29	$98.71	(N)	$76.96	(N)	
Rate Band 30	$102.31	(N)	$79.76	(N)	
Rate Band 31	$105.91	(N)	$82.57	(N)	
Rate Band 32	$109.51	(N)	$85.38	(N)	
Rate Band 33	$113.11	(N)	$88.18	(N)	
Rate Band 34	$116.70	(N)	$90.99	(N)	
Rate Band 35	$120.30	(N)	$93.79	(N)	
Rate Band 36	$123.90	(N)	$96.60	(N)	
Rate Band 37	$127.50	(N)	$99.40	(N)	
Rate Band 38	$131.10	(N)	$102.21	(N)	
Rate Band 39	$138.97	(N)	$108.34	(N)	
Rate Band 40	$146.83	(N)	$114.48	(N)	
Rate Band 41	$154.70	(N)	$120.61	(N)	
Rate Band 42	$162.56	(N)	$126.74	(N)	
Rate Band 43	$170.43	(N)	$132.87	(N)	
Rate Band 44	$178.30	(N)	$139.01	(N)	
Rate Band 45	$186.16	(N)	$145.14	(N)	
Rate Band 46	$194.03	(N)	$151.27	(N)	
Rate Band 47	$201.89	(N)	$157.40	(N)	
Rate Band 48	$209.76	(N)	$163.54	(N)	
Rate Band 49	$217.63	(N)	$169.67	(N)	
Rate Band 50	$225.49	(N)	$175.80	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

Reserved for Future Use (N)

Certain material formerly found on this page now appears on Original Page 17-42.2.8.11, Original Page 17-42.2.8.12, Original Page 17-42.2.8.13 and 5th Revised Page 17-42.2.9.

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17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN (Cont'd)					
ADSL (Cont'd)					
Voice-Data Option (Cont'd)					
- 25 Mbps/50 Mbps					$185.00
Rate Band 1	$2.35	(R)	$1.83	(R)	
Rate Band 2	$4.70	(R)	$3.66	(R)	
Rate Band 3	$7.05	(R)	$5.49	(R)	
Rate Band 4	$9.40	(R)	$7.32	(R)	
Rate Band 5	$13.27	(R)	$10.33	(R)	
Rate Band 6	$17.14	(R)	$13.34	(R)	
Rate Band 7	$21.01	(R)	$16.36	(R)	
Rate Band 8	$24.88	(R)	$19.37	(R)	
Rate Band 9	$28.75	(R)	$22.38	(R)	
Rate Band 10	$32.62	(R)	$25.40	(R)	
Rate Band 11	$36.49	(R)	$28.41	(R)	
Rate Band 12	$40.36	(I)	$31.42		
Rate Band 13	$44.23	(I)	$34.44	(I)	
Rate Band 14	$48.10	(I)	$37.45	(I)	
Rate Band 15	$51.97	(I)	$40.46	(I)	
Rate Band 16	$55.84	(I)	$43.48	(I)	
Rate Band 17	$59.70	(I)	$46.49	(I)	
Rate Band 18	$63.57	(N)	$49.50	(N)	
Rate Band 19	$67.44	(N)	$52.52	(N)	
Rate Band 20	$71.31	(N)	$55.53	(N)	
Rate Band 21	$75.18	(N)	$58.54	(N)	
Rate Band 22	$79.05	(N)	$61.56	(N)	
Rate Band 23	$82.92	(N)	$64.57	(N)	
Rate Band 24	$86.79	(N)	$67.58	(N)	
Rate Band 25	$90.66	(N)	$70.60	(N)	
Rate Band 26	$94.53	(N)	$73.61	(N)	
Rate Band 27	$98.40	(N)	$76.62	(N)	
Rate Band 28	$102.27	(N)	$79.64	(N)	
Rate Band 29	$106.14	(N)	$82.65	(N)	
Rate Band 30	$110.01	(N)	$85.66	(N)	
Rate Band 31	$113.88	(N)	$88.68	(N)	
Rate Band 32	$117.75	(N)	$91.69	(N)	
Rate Band 33	$121.62	(N)	$94.70	(N)	
Rate Band 34	$125.49	(N)	$97.72	(N)	
Rate Band 35	$129.36	(N)	$100.73	(N)	
Rate Band 36	$133.23	(N)	$103.74	(N)	
Rate Band 37	$137.10	(N)	$106.76	(N)	
Rate Band 38	$140.97	(N)	$109.77	(N)	
Rate Band 39	$149.43	(N)	$116.36	(N)	
Rate Band 40	$157.89	(N)	$122.94	(N)	
Rate Band 41	$166.34	(N)	$129.53	(N)	
Rate Band 42	$174.80	(N)	$136.11	(N)	
Rate Band 43	$183.26	(N)	$142.70	(N)	
Rate Band 44	$191.72	(N)	$149.29	(N)	
Rate Band 45	$200.18	(N)	$155.87	(N)	
Rate Band 46	$208.64	(N)	$162.46	(N)	
Rate Band 47	$217.09	(N)	$169.05	(N)	
Rate Band 48	$225.55	(N)	$175.63	(N)	
Rate Band 49	$234.01	(N)	$182.22	(N)	
Rate Band 50	$242.47	(N)	$188.80	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

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17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN (Cont'd)					
ADSL (Cont'd)					
Voice-Data Option (Cont'd)					
- 50 Mbps/100 Mbps					$185.00
Rate Band 1	$3.91	(R)	$3.04	(R)	
Rate Band 2	$7.82	(R)	$6.08	(R)	
Rate Band 3	$11.73	(R)	$9.12	(R)	
Rate Band 4	$15.64	(R)	$12.16	(R)	
Rate Band 5	$22.08	(R)	$17.17	(R)	
Rate Band 6	$28.52	(R)	$22.18	(R)	
Rate Band 7	$34.96	(R)	$27.19	(R)	
Rate Band 8	$41.40	(R)	$32.19	(R)	
Rate Band 9	$47.84	(R)	$37.20	(R)	
Rate Band 10	$54.28	(R)	$42.21	(R)	
Rate Band 11	$60.72	(R)	$47.22	(R)	
Rate Band 12	$67.16	(I)	$52.23	(I)	
Rate Band 13	$73.60	(I)	$57.23	(I)	
Rate Band 14	$80.04	(I)	$62.24	(I)	
Rate Band 15	$86.48	(I)	$67.25	(I)	
Rate Band 16	$92.92	(I)	$72.26	(I)	
Rate Band 17	$99.36	(I)	$77.26	(I)	
Rate Band 18	$105.80	(N)	$82.27	(N)	
Rate Band 19	$112.24	(N)	$87.28	(N)	
Rate Band 20	$118.68	(N)	$92.29	(N)	
Rate Band 21	$125.12	(N)	$97.30	(N)	
Rate Band 22	$131.56	(N)	$102.30	(N)	
Rate Band 23	$138.00	(N)	$107.31	(N)	
Rate Band 24	$144.44	(N)	$112.32	(N)	
Rate Band 25	$150.88	(N)	$117.33	(N)	
Rate Band 26	$157.32	(N)	$122.34	(N)	
Rate Band 27	$163.76	(N)	$127.34	(N)	
Rate Band 28	$170.20	(N)	$132.35	(N)	
Rate Band 29	$176.64	(N)	$137.36	(N)	
Rate Band 30	$183.08	(N)	$142.37	(N)	
Rate Band 31	$189.52	(N)	$147.37	(N)	
Rate Band 32	$195.96	(N)	$152.38	(N)	
Rate Band 33	$202.40	(N)	$157.39	(N)	
Rate Band 34	$208.84	(N)	$162.40	(N)	
Rate Band 35	$215.28	(N)	$167.41	(N)	
Rate Band 36	$221.72	(N)	$172.41	(N)	
Rate Band 37	$228.16	(N)	$177.42	(N)	
Rate Band 38	$234.60	(N)	$182.43	(N)	
Rate Band 39	$248.68	(N)	$193.38	(N)	
Rate Band 40	$262.75	(N)	$204.32	(N)	
Rate Band 41	$276.83	(N)	$215.27	(N)	
Rate Band 42	$290.90	(N)	$226.21	(N)	
Rate Band 43	$304.98	(N)	$237.16	(N)	
Rate Band 44	$319.06	(N)	$248.10	(N)	
Rate Band 45	$333.13	(N)	$259.05	(N)	
Rate Band 46	$347.21	(N)	$270.00	(N)	
Rate Band 47	$361.28	(N)	$280.94	(N)	
Rate Band 48	$375.36	(N)	$291.89	(N)	
Rate Band 49	$389.44	(N)	$302.83	(N)	
Rate Band 50	$403.51	(N)	$313.78	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN (Cont'd)					
ADSL (Cont'd)					
Data-Only Option					
- 1 Mbps/6 Mbps					$211.00
Rate Band 1	$6.28	(R)	$6.27	(R)	
Rate Band 2	$12.55	(R)	$12.55	(R)	
Rate Band 3	$18.83	(R)	$18.82	(R)	
Rate Band 4	$25.10	(R)	$25.09	(R)	
Rate Band 5	$35.44	(R)	$35.42	(R)	
Rate Band 6	$45.78	(R)	$45.76	(R)	
Rate Band 7	$56.11	(R)	$56.09	(R)	
Rate Band 8	$66.45	(R)	$66.42	(R)	
Rate Band 9	$76.79	(R)	$76.75	(R)	
Rate Band 10	$87.13	(R)	$87.08	(R)	
Rate Band 11	$97.46	(R)	$97.42	(R)	
Rate Band 12	$107.80	(R)	$107.75	(R)	
Rate Band 13	$118.14	(I)	$118.08	(I)	
Rate Band 14	$128.47	(I)	$128.41	(I)	
Rate Band 15	$138.81	(I)	$138.74	(I)	
Rate Band 16	$149.15	(I)	$149.08	(I)	
Rate Band 17	$159.48	(I)	$159.41	(I)	
Rate Band 18	$169.82	(N)	$169.74	(N)	
Rate Band 19	$180.16	(N)	$180.07	(N)	
Rate Band 20	$190.50	(N)	$190.40	(N)	
Rate Band 21	$200.83	(N)	$200.74	(N)	
Rate Band 22	$211.17	(N)	$211.07	(N)	
Rate Band 23	$221.51	(N)	$221.40	(N)	
Rate Band 24	$231.84	(N)	$231.73	(N)	
Rate Band 25	$242.18	(N)	$242.06	(N)	
Rate Band 26	$252.52	(N)	$252.40	(N)	
Rate Band 27	$262.85	(N)	$262.73	(N)	
Rate Band 28	$273.19	(N)	$273.06	(N)	
Rate Band 29	$283.53	(N)	$283.39	(N)	
Rate Band 30	$293.86	(N)	$293.72	(N)	
Rate Band 31	$304.20	(N)	$304.06	(N)	
Rate Band 32	$314.54	(N)	$314.39	(N)	
Rate Band 33	$324.88	(N)	$324.72	(N)	
Rate Band 34	$335.21	(N)	$335.05	(N)	
Rate Band 35	$345.55	(N)	$345.38	(N)	
Rate Band 36	$355.89	(N)	$355.72	(N)	
Rate Band 37	$366.22	(N)	$366.05	(N)	
Rate Band 38	$376.56	(N)	$376.38	(N)	
Rate Band 39	$399.15	(N)	$398.96	(N)	
Rate Band 40	$421.75	(N)	$421.55	(N)	
Rate Band 41	$444.34	(N)	$444.13	(N)	
Rate Band 42	$466.93	(N)	$466.71	(N)	
Rate Band 43	$489.53	(N)	$489.29	(N)	
Rate Band 44	$512.12	(N)	$511.88	(N)	
Rate Band 45	$534.72	(N)	$534.46	(N)	
Rate Band 46	$557.31	(N)	$557.04	(N)	
Rate Band 47	$579.90	(N)	$579.63	(N)	
Rate Band 48	$602.50	(N)	$602.21	(N)	
Rate Band 49	$625.09	(N)	$624.79	(N)	
Rate Band 50	$647.68	(N)	$647.37	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN (Cont'd)					
ADSL (Cont'd)					
Data-Only Option (Cont'd)					
- 3 Mbps/15 Mbps					$211.00
Rate Band 1	$6.75	(R)	$6.62	(R)	
Rate Band 2	$13.50	(R)	$13.25	(R)	
Rate Band 3	$20.26	(R)	$19.87	(R)	
Rate Band 4	$27.01	(R)	$26.49	(R)	
Rate Band 5	$38.13	(R)	$37.40	(R)	
Rate Band 6	$49.25	(R)	$48.31	(R)	
Rate Band 7	$60.37	(R)	$59.21	(R)	
Rate Band 8	$71.49	(R)	$70.12	(R)	
Rate Band 9	$82.61	(R)	$81.03	(R)	
Rate Band 10	$93.73	(R)	$91.94	(R)	
Rate Band 11	$104.85	(R)	$102.84	(R)	
Rate Band 12	$115.98	(R)	$113.75	(R)	
Rate Band 13	$127.10	(I)	$124.66	(I)	
Rate Band 14	$138.22	(I)	$135.57	(I)	
Rate Band 15	$149.34	(I)	$146.47	(I)	
Rate Band 16	$160.46	(I)	$157.38	(I)	
Rate Band 17	$171.58	(I)	$168.29	(I)	
Rate Band 18	$182.70	(N)	$179.20	(N)	
Rate Band 19	$193.82	(N)	$190.10	(N)	
Rate Band 20	$204.94	(N)	$201.01	(N)	
Rate Band 21	$216.06	(N)	$211.92	(N)	
Rate Band 22	$227.18	(N)	$222.83	(N)	
Rate Band 23	$238.31	(N)	$233.74	(N)	
Rate Band 24	$249.43	(N)	$244.64	(N)	
Rate Band 25	$260.55	(N)	$255.55	(N)	
Rate Band 26	$271.67	(N)	$266.46	(N)	
Rate Band 27	$282.79	(N)	$277.37	(N)	
Rate Band 28	$293.91	(N)	$288.27	(N)	
Rate Band 29	$305.03	(N)	$299.18	(N)	
Rate Band 30	$316.15	(N)	$310.09	(N)	
Rate Band 31	$327.27	(N)	$321.00	(N)	
Rate Band 32	$338.39	(N)	$331.90	(N)	
Rate Band 33	$349.52	(N)	$342.81	(N)	
Rate Band 34	$360.64	(N)	$353.72	(N)	
Rate Band 35	$371.76	(N)	$364.63	(N)	
Rate Band 36	$382.88	(N)	$375.53	(N)	
Rate Band 37	$394.00	(N)	$386.44	(N)	
Rate Band 38	$405.12	(N)	$397.35	(N)	
Rate Band 39	$429.43	(N)	$421.19	(N)	
Rate Band 40	$453.73	(N)	$445.03	(N)	
Rate Band 41	$478.04	(N)	$468.87	(N)	
Rate Band 42	$502.35	(N)	$492.71	(N)	
Rate Band 43	$526.66	(N)	$516.56	(N)	
Rate Band 44	$550.96	(N)	$540.40	(N)	
Rate Band 45	$575.27	(N)	$564.24	(N)	
Rate Band 46	$599.58	(N)	$588.08	(N)	
Rate Band 47	$623.88	(N)	$611.92	(N)	
Rate Band 48	$648.19	(N)	$635.76	(N)	
Rate Band 49	$672.50	(N)	$659.60	(N)	
Rate Band 50	$696.81	(N)	$683.44	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN (Cont'd)					
ADSL (Cont'd)					
Data-Only Option (Cont'd)					
- 25 Mbps/50 Mbps					$211.00
Rate Band 1	$8.81	(R)	$8.50	(R)	
Rate Band 2	$17.62	(R)	$17.00	(R)	
Rate Band 3	$26.43	(R)	$25.50	(R)	
Rate Band 4	$35.24	(R)	$34.00	(R)	
Rate Band 5	$49.75	(R)	$48.00	(R)	
Rate Band 6	$64.26	(R)	$62.00	(R)	
Rate Band 7	$78.77	(R)	$76.00	(R)	
Rate Band 8	$93.28	(R)	$90.00	(R)	
Rate Band 9	$107.79	(R)	$104.00	(R)	
Rate Band 10	$122.30	(R)	$118.00	(R)	
Rate Band 11	$136.81	(R)	$132.00	(R)	
Rate Band 12	$151.32	(R)	$146.00	(R)	
Rate Band 13	$165.84	(I)	$160.00	(I)	
Rate Band 14	$180.35	(I)	$174.00	(I)	
Rate Band 15	$194.86	(I)	$188.00	(I)	
Rate Band 16	$209.37	(I)	$202.00	(I)	
Rate Band 17	$223.88	(I)	$216.00	(I)	
Rate Band 18	$238.39	(N)	$230.00	(N)	
Rate Band 19	$252.90	(N)	$244.00	(N)	
Rate Band 20	$267.41	(N)	$258.00	(N)	
Rate Band 21	$281.92	(N)	$272.00	(N)	
Rate Band 22	$296.43	(N)	$286.00	(N)	
Rate Band 23	$310.94	(N)	$300.00	(N)	
Rate Band 24	$325.45	(N)	$314.00	(N)	
Rate Band 25	$339.96	(N)	$328.00	(N)	
Rate Band 26	$354.47	(N)	$342.00	(N)	
Rate Band 27	$368.98	(N)	$356.00	(N)	
Rate Band 28	$383.49	(N)	$370.00	(N)	
Rate Band 29	$398.00	(N)	$384.00	(N)	
Rate Band 30	$412.52	(N)	$398.00	(N)	
Rate Band 31	$427.03	(N)	$412.00	(N)	
Rate Band 32	$441.54	(N)	$426.00	(N)	
Rate Band 33	$456.05	(N)	$440.00	(N)	
Rate Band 34	$470.56	(N)	$454.00	(N)	
Rate Band 35	$485.07	(N)	$468.00	(N)	
Rate Band 36	$499.58	(N)	$482.00	(N)	
Rate Band 37	$514.09	(N)	$496.00	(N)	
Rate Band 38	$528.60	(N)	$510.00	(N)	
Rate Band 39	$560.32	(N)	$540.60	(N)	
Rate Band 40	$592.03	(N)	$571.20	(N)	
Rate Band 41	$623.75	(N)	$601.80	(N)	
Rate Band 42	$655.46	(N)	$632.40	(N)	
Rate Band 43	$687.18	(N)	$663.00	(N)	
Rate Band 44	$718.90	(N)	$693.60	(N)	
Rate Band 45	$750.61	(N)	$724.20	(N)	
Rate Band 46	$782.33	(N)	$754.80	(N)	
Rate Band 47	$814.04	(N)	$785.40	(N)	
Rate Band 48	$845.76	(N)	$816.00	(N)	
Rate Band 49	$877.48	(N)	$846.60	(N)	
Rate Band 50	$909.19	(N)	$877.20	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN (Cont'd)					
ADSL (Cont'd)					
Data-Only Option (Cont'd)					
- 50 Mbps/100 Mbps					$211.00
Rate Band 1	$10.25	(R)	$9.35	(R)	
Rate Band 2	$20.51	(R)	$18.71	(R)	
Rate Band 3	$30.76	(R)	$28.06	(R)	
Rate Band 4	$41.01	(R)	$37.41	(R)	
Rate Band 5	$57.90	(R)	$52.81	(R)	
Rate Band 6	$74.79	(R)	$68.22	(R)	
Rate Band 7	$91.68	(R)	$83.62	(R)	
Rate Band 8	$108.57	(R)	$99.03	(R)	
Rate Band 9	$125.45	(R)	$114.43	(R)	
Rate Band 10	$142.34	(R)	$129.83	(R)	
Rate Band 11	$159.23	(R)	$145.24	(R)	
Rate Band 12	$176.12	(R)	$160.64	(R)	
Rate Band 13	$193.01	(I)	$176.05	(I)	
Rate Band 14	$209.90	(I)	$191.45	(I)	
Rate Band 15	$226.78	(I)	$206.86	(I)	
Rate Band 16	$243.67	(I)	$222.26	(I)	
Rate Band 17	$260.56	(I)	$237.66	(I)	
Rate Band 18	$277.45	(N)	$253.07	(N)	
Rate Band 19	$294.34	(N)	$268.47	(N)	
Rate Band 20	$311.22	(N)	$283.88	(N)	
Rate Band 21	$328.11	(N)	$299.28	(N)	
Rate Band 22	$345.00	(N)	$314.68	(N)	
Rate Band 23	$361.89	(N)	$330.09	(N)	
Rate Band 24	$378.78	(N)	$345.49	(N)	
Rate Band 25	$395.66	(N)	$360.90	(N)	
Rate Band 26	$412.55	(N)	$376.30	(N)	
Rate Band 27	$429.44	(N)	$391.70	(N)	
Rate Band 28	$446.33	(N)	$407.11	(N)	
Rate Band 29	$463.22	(N)	$422.51	(N)	
Rate Band 30	$480.11	(N)	$437.92	(N)	
Rate Band 31	$496.99	(N)	$453.32	(N)	
Rate Band 32	$513.88	(N)	$468.73	(N)	
Rate Band 33	$530.77	(N)	$484.13	(N)	
Rate Band 34	$547.66	(N)	$499.53	(N)	
Rate Band 35	$564.55	(N)	$514.94	(N)	
Rate Band 36	$581.43	(N)	$530.34	(N)	
Rate Band 37	$598.32	(N)	$545.75	(N)	
Rate Band 38	$615.21	(N)	$561.15	(N)	
Rate Band 39	$652.12	(N)	$594.82	(N)	
Rate Band 40	$689.04	(N)	$628.49	(N)	
Rate Band 41	$725.95	(N)	$662.16	(N)	
Rate Band 42	$762.86	(N)	$695.83	(N)	
Rate Band 43	$799.77	(N)	$729.50	(N)	
Rate Band 44	$836.69	(N)	$763.16	(N)	
Rate Band 45	$873.60	(N)	$796.83	(N)	
Rate Band 46	$910.51	(N)	$830.50	(N)	
Rate Band 47	$947.42	(N)	$864.17	(N)	
Rate Band 48	$984.34	(N)	$897.84	(N)	
Rate Band 49	$1,021.25	(N)	$931.51	(N)	
Rate Band 50	$1,058.16	(N)	$965.18	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN (Cont'd)					
SDSL					
Voice-Data Option					
- 256 kbps					$185.00
Rate Band 1	$1.09	(R)	$0.81	(R)	
Rate Band 2	$2.18	(R)	$1.62	(R)	
Rate Band 3	$3.27	(R)	$2.43	(R)	
Rate Band 4	$4.36	(R)	$3.25	(R)	
Rate Band 5	$6.16	(R)	$4.58	(R)	
Rate Band 6	$7.96	(R)	$5.92	(R)	
Rate Band 7	$9.75	(R)	$7.26	(R)	
Rate Band 8	$11.55	(R)	$8.59	(R)	
Rate Band 9	$13.35	(R)	$9.93	(R)	
Rate Band 10	$15.15	(R)	$11.27	(R)	
Rate Band 11	$16.94	(R)	$12.60	(R)	
Rate Band 12	$18.74	(I)	$13.94		
Rate Band 13	$20.54	(I)	$15.28	(I)	
Rate Band 14	$22.33	(I)	$16.61	(I)	
Rate Band 15	$24.13	(I)	$17.95	(I)	
Rate Band 16	$25.93	(I)	$19.29	(I)	
Rate Band 17	$27.72	(I)	$20.62	(I)	
Rate Band 18	$29.52	(N)	$21.96	(N)	
Rate Band 19	$31.32	(N)	$23.29	(N)	
Rate Band 20	$33.12	(N)	$24.63	(N)	
Rate Band 21	$34.91	(N)	$25.97	(N)	
Rate Band 22	$36.71	(N)	$27.30	(N)	
Rate Band 23	$38.51	(N)	$28.64	(N)	
Rate Band 24	$40.30	(N)	$29.98	(N)	
Rate Band 25	$42.10	(N)	$31.31	(N)	
Rate Band 26	$43.90	(N)	$32.65	(N)	
Rate Band 27	$45.69	(N)	$33.99	(N)	
Rate Band 28	$47.49	(N)	$35.32	(N)	
Rate Band 29	$49.29	(N)	$36.66	(N)	
Rate Band 30	$51.08	(N)	$38.00	(N)	
Rate Band 31	$52.88	(N)	$39.33	(N)	
Rate Band 32	$54.68	(N)	$40.67	(N)	
Rate Band 33	$56.48	(N)	$42.01	(N)	
Rate Band 34	$58.27	(N)	$43.34	(N)	
Rate Band 35	$60.07	(N)	$44.68	(N)	
Rate Band 36	$61.87	(N)	$46.02	(N)	
Rate Band 37	$63.66	(N)	$47.35	(N)	
Rate Band 38	$65.46	(N)	$48.69	(N)	
Rate Band 39	$69.39	(N)	$51.61	(N)	
Rate Band 40	$73.32	(N)	$54.53	(N)	
Rate Band 41	$77.24	(N)	$57.45	(N)	
Rate Band 42	$81.17	(N)	$60.38	(N)	
Rate Band 43	$85.10	(N)	$63.30	(N)	
Rate Band 44	$89.03	(N)	$66.22	(N)	
Rate Band 45	$92.95	(N)	$69.14	(N)	
Rate Band 46	$96.88	(N)	$72.06	(N)	
Rate Band 47	$100.81	(N)	$74.98	(N)	
Rate Band 48	$104.74	(N)	$77.90	(N)	
Rate Band 49	$108.66	(N)	$80.83	(N)	
Rate Band 50	$112.59	(N)	$83.75	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN (Cont'd)					
SDSL (Cont'd)					
Voice-Data Option (Cont'd)					
- 768 kbps					$185.00
Rate Band 1	$1.63	(R)	$1.15	(R)	
Rate Band 2	$3.26	(R)	$2.30	(R)	
Rate Band 3	$4.89	(R)	$3.45	(R)	
Rate Band 4	$6.52	(R)	$4.60	(R)	
Rate Band 5	$9.21	(R)	$6.49	(R)	
Rate Band 6	$11.89	(R)	$8.39	(R)	
Rate Band 7	$14.58	(R)	$10.28	(R)	
Rate Band 8	$17.26	(R)	$12.18	(R)	
Rate Band 9	$19.95	(R)	$14.07	(R)	
Rate Band 10	$22.64	(R)	$15.96	(R)	
Rate Band 11	$25.32	(R)	$17.86	(R)	
Rate Band 12	$28.01	(I)	$19.75		
Rate Band 13	$30.69	(I)	$21.65	(I)	
Rate Band 14	$33.38	(I)	$23.54	(I)	
Rate Band 15	$36.06	(I)	$25.44	(I)	
Rate Band 16	$38.75	(I)	$27.33	(I)	
Rate Band 17	$41.43	(I)	$29.22	(I)	
Rate Band 18	$44.12	(N)	$31.12	(N)	
Rate Band 19	$46.80	(N)	$33.01	(N)	
Rate Band 20	$49.49	(N)	$34.91	(N)	
Rate Band 21	$52.18	(N)	$36.80	(N)	
Rate Band 22	$54.86	(N)	$38.69	(N)	
Rate Band 23	$57.55	(N)	$40.59	(N)	
Rate Band 24	$60.23	(N)	$42.48	(N)	
Rate Band 25	$62.92	(N)	$44.38	(N)	
Rate Band 26	$65.60	(N)	$46.27	(N)	
Rate Band 27	$68.29	(N)	$48.16	(N)	
Rate Band 28	$70.97	(N)	$50.06	(N)	
Rate Band 29	$73.66	(N)	$51.95	(N)	
Rate Band 30	$76.35	(N)	$53.85	(N)	
Rate Band 31	$79.03	(N)	$55.74	(N)	
Rate Band 32	$81.72	(N)	$57.64	(N)	
Rate Band 33	$84.40	(N)	$59.53	(N)	
Rate Band 34	$87.09	(N)	$61.42	(N)	
Rate Band 35	$89.77	(N)	$63.32	(N)	
Rate Band 36	$92.46	(N)	$65.21	(N)	
Rate Band 37	$95.14	(N)	$67.11	(N)	
Rate Band 38	$97.83	(N)	$69.00	(N)	
Rate Band 39	$103.70	(N)	$73.14	(N)	
Rate Band 40	$109.57	(N)	$77.28	(N)	
Rate Band 41	$115.44	(N)	$81.42	(N)	
Rate Band 42	$121.31	(N)	$85.56	(N)	
Rate Band 43	$127.18	(N)	$89.70	(N)	
Rate Band 44	$133.05	(N)	$93.84	(N)	
Rate Band 45	$138.92	(N)	$97.98	(N)	
Rate Band 46	$144.79	(N)	$102.12	(N)	
Rate Band 47	$150.66	(N)	$106.26	(N)	
Rate Band 48	$156.53	(N)	$110.40	(N)	
Rate Band 49	$162.40	(N)	$114.54	(N)	
Rate Band 50	$168.27	(N)	$118.68	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

		Monthly Rate				Nonrecurring Installation Charge
		1 Year		3 Year		
TERM PLAN (Cont'd)						
SDSL (Cont'd)						
Voice-Data Option (Cont'd)						
- 10 Mbps						$185.00
Rate Band 1		$1.63	(S)(x)	$1.15	(C)(y)	
Rate Band 2		$3.26		$2.30		
Rate Band 3		$4.89		$3.45		
Rate Band 4		$6.52		$4.60		
Rate Band 5		$9.21		$6.49		
Rate Band 6		$11.89		$8.39		
Rate Band 7		$14.58		$10.28		
Rate Band 8		$17.26		$12.18		
Rate Band 9		$19.95		$14.07		
Rate Band 10		$22.64		$15.96		
Rate Band 11		$25.32		$17.86		
Rate Band 12		$28.01		$19.75		
Rate Band 13		$30.69		$21.65		
Rate Band 14		$33.38		$23.54		
Rate Band 15		$36.06		$25.44		
Rate Band 16		$38.75		$27.33		
Rate Band 17		$41.43		$29.22		
Rate Band 18	(S)(x)	$44.12		$31.12		
Rate Band 19		$46.80		$33.01		
Rate Band 20		$49.49		$34.91		
Rate Band 21		$52.18		$36.80		
Rate Band 22		$54.86		$38.69		
Rate Band 23		$57.55		$40.59		
Rate Band 24		$60.23		$42.48		
Rate Band 25		$62.92		$44.38		
Rate Band 26		$65.60		$46.27		
Rate Band 27		$68.29		$48.16		
Rate Band 28		$70.97		$50.06		
Rate Band 29		$73.66		$51.95		
Rate Band 30		$76.35		$53.85		
Rate Band 31		$79.03		$55.74		
Rate Band 32		$81.72		$57.64		
Rate Band 33		$84.40		$59.53		
Rate Band 34		$87.09		$61.42		
Rate Band 35		$89.77		$63.32		
Rate Band 36		$92.46		$65.21		
Rate Band 37		$95.14		$67.11		
Rate Band 38		$97.83		$69.00		
Rate Band 39		$103.70		$73.14		
Rate Band 40		$109.57		$77.28		
Rate Band 41		$115.44		$81.42		
Rate Band 42		$121.31		$85.56		
Rate Band 43		$127.18		$89.70		
Rate Band 44		$133.05		$93.84		
Rate Band 45		$138.92		$97.98		
Rate Band 46		$144.79		$102.12		
Rate Band 47		$150.66		$106.26		
Rate Band 48		$156.53		$110.40		
Rate Band 49		$162.40		$114.54		
Rate Band 50	(S)(x)	$168.27	(S)(x)	$118.68	(C)(y)	

(x) All material coded with an "S" was originally filed under Transmittal No. 1455 on June 16, 2015 and is scheduled to become effective July 1, 2015.

(y) This material, filed under authority of Special Permission No. 15-006 of the Federal Communications Commission, corrects the rate originally filed under Transmittal No. 1455.

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN (Cont'd)					
SDSL (Cont'd)					
Voice-Data Option (Cont'd)					
- 100 Mbps					$185.00
Rate Band 1	$3.91	(C)(y)	$3.04	(S)(x)	
Rate Band 2	$7.82	| |	$6.08	| |	
Rate Band 3	$11.73	| |	$9.12	| |	
Rate Band 4	$15.64	| |	$12.16	| |	
Rate Band 5	$22.08	| |	$17.17	| |	
Rate Band 6	$28.52	| |	$22.18	| |	
Rate Band 7	$34.96	| |	$27.19	(S)(x)	
Rate Band 8	$41.40	| |	$32.19	(C)(y)	
Rate Band 9	$47.84	| |	$37.20	| |	
Rate Band 10	$54.28	| |	$42.21	(C)(y)	
Rate Band 11	$60.72	| |	$47.22	(S)(x)	
Rate Band 12	$67.16	| |	$52.23	(S)(x)	
Rate Band 13	$73.60	| |	$57.23	(C)(y)	
Rate Band 14	$80.04	| |	$62.24	| |	
Rate Band 15	$86.48	| |	$67.25	| |	
Rate Band 16	$92.92	| |	$72.26	| |	
Rate Band 17	$99.36	| |	$77.26	| |	
Rate Band 18 (S)(x)	$105.80	| |	$82.27	| |	
Rate Band 19 | |	$112.24	| |	$87.28	| |	
Rate Band 20 | |	$118.68	| |	$92.29	| |	
Rate Band 21 | |	$125.12	| |	$97.30	| |	
Rate Band 22 | |	$131.56	| |	$102.30	| |	
Rate Band 23 | |	$138.00	| |	$107.31	| |	
Rate Band 24 | |	$144.44	| |	$112.32	| |	
Rate Band 25 | |	$150.88	| |	$117.33	| |	
Rate Band 26 | |	$157.32	| |	$122.34	| |	
Rate Band 27 | |	$163.76	| |	$127.34	| |	
Rate Band 28 | |	$170.20	| |	$132.35	| |	
Rate Band 29 | |	$176.64	| |	$137.36	| |	
Rate Band 30 | |	$183.08	| |	$142.37	| |	
Rate Band 31 | |	$189.52	| |	$147.37	| |	
Rate Band 32 | |	$195.96	| |	$152.38	| |	
Rate Band 33 | |	$202.40	| |	$157.39	| |	
Rate Band 34 | |	$208.84	| |	$162.40	| |	
Rate Band 35 | |	$215.28	| |	$167.41	| |	
Rate Band 36 | |	$221.72	| |	$172.41	| |	
Rate Band 37 | |	$228.16	| |	$177.42	| |	
Rate Band 38 | |	$234.60	| |	$182.43	| |	
Rate Band 39 | |	$248.68	| |	$193.38	| |	
Rate Band 40 | |	$262.75	| |	$204.32	| |	
Rate Band 41 | |	$276.83	| |	$215.27	| |	
Rate Band 42 | |	$290.90	| |	$226.21	| |	
Rate Band 43 | |	$304.98	| |	$237.16	| |	
Rate Band 44 | |	$319.06	| |	$248.10	| |	
Rate Band 45 | |	$333.13	| |	$259.05	| |	
Rate Band 46 | |	$347.21	| |	$270.00	| |	
Rate Band 47 | |	$361.28	| |	$280.94	| |	
Rate Band 48 | |	$375.36	| |	$291.89	| |	
Rate Band 49 | |	$389.44	| |	$302.83	| |	
Rate Band 50 (S)(x)	$403.51	(C)(y)	$313.78	(C)(y)	

(x) All material coded with an "S" was originally filed under Transmittal No. 1455 on June 16, 2015 and is scheduled to become effective July 1, 2015.

(y) This material, filed under authority of Special Permission No. 15-006 of the Federal Communications Commission, corrects the rate originally filed under Transmittal No. 1455.

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN (Cont'd)					
SDSL (Cont'd)					
Data-Only Option - 144 kbps					$211.00
Rate Band 1	$7.20	(R)	$6.77	(R)	
Rate Band 2	$14.40	(R)	$13.54	(R)	
Rate Band 3	$21.60	(R)	$20.31	(R)	
Rate Band 4	$28.80	(R)	$27.08	(R)	
Rate Band 5	$40.66	(R)	$38.23	(R)	
Rate Band 6	$52.52	(R)	$49.38	(R)	
Rate Band 7	$64.39	(R)	$60.53	(R)	
Rate Band 8	$76.25	(R)	$71.68	(R)	
Rate Band 9	$88.11	(R)	$82.83	(R)	
Rate Band 10	$99.97	(R)	$93.98	(R)	
Rate Band 11	$111.83	(R)	$105.13	(R)	
Rate Band 12	$123.69	(R)	$116.28	(R)	
Rate Band 13	$135.55	(I)	$127.44	(I)	
Rate Band 14	$147.41	(I)	$138.59	(I)	
Rate Band 15	$159.27	(I)	$149.74	(I)	
Rate Band 16	$171.13	(I)	$160.89	(I)	
Rate Band 17	$182.99	(I)	$172.04	(I)	
Rate Band 18	$194.85	(N)	$183.19	(N)	
Rate Band 19	$206.71	(N)	$194.34	(N)	
Rate Band 20	$218.57	(N)	$205.49	(N)	
Rate Band 21	$230.43	(N)	$216.64	(N)	
Rate Band 22	$242.29	(N)	$227.79	(N)	
Rate Band 23	$254.15	(N)	$238.94	(N)	
Rate Band 24	$266.01	(N)	$250.09	(N)	
Rate Band 25	$277.87	(N)	$261.24	(N)	
Rate Band 26	$289.73	(N)	$272.39	(N)	
Rate Band 27	$301.59	(N)	$283.54	(N)	
Rate Band 28	$313.46	(N)	$294.69	(N)	
Rate Band 29	$325.32	(N)	$305.84	(N)	
Rate Band 30	$337.18	(N)	$317.00	(N)	
Rate Band 31	$349.04	(N)	$328.15	(N)	
Rate Band 32	$360.90	(N)	$339.30	(N)	
Rate Band 33	$372.76	(N)	$350.45	(N)	
Rate Band 34	$384.62	(N)	$361.60	(N)	
Rate Band 35	$396.48	(N)	$372.75	(N)	
Rate Band 36	$408.34	(N)	$383.90	(N)	
Rate Band 37	$420.20	(N)	$395.05	(N)	
Rate Band 38	$432.06	(N)	$406.20	(N)	
Rate Band 39	$457.98	(N)	$430.57	(N)	
Rate Band 40	$483.91	(N)	$454.94	(N)	
Rate Band 41	$509.83	(N)	$479.32	(N)	
Rate Band 42	$535.75	(N)	$503.69	(N)	
Rate Band 43	$561.68	(N)	$528.06	(N)	
Rate Band 44	$587.60	(N)	$552.43	(N)	
Rate Band 45	$613.53	(N)	$576.80	(N)	
Rate Band 46	$639.45	(N)	$601.18	(N)	
Rate Band 47	$665.37	(N)	$625.55	(N)	
Rate Band 48	$691.30	(N)	$649.92	(N)	
Rate Band 49	$717.22	(N)	$674.29	(N)	
Rate Band 50	$743.14	(N)	$698.66	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN (Cont'd)					
SDSL (Cont'd)					
Data-Only Option (Cont'd)					
- 256 kbps					$211.00
Rate Band 1	$6.29	(R)	$6.24	(R)	
Rate Band 2	$12.58	(R)	$12.49	(R)	
Rate Band 3	$18.87	(R)	$18.73	(R)	
Rate Band 4	$25.16	(R)	$24.98	(R)	
Rate Band 5	$35.52	(R)	$35.26	(R)	
Rate Band 6	$45.88	(R)	$45.54	(R)	
Rate Band 7	$56.24	(R)	$55.83	(R)	
Rate Band 8	$66.60	(R)	$66.11	(R)	
Rate Band 9	$76.96	(R)	$76.40	(R)	
Rate Band 10	$87.32	(R)	$86.68	(R)	
Rate Band 11	$97.68	(R)	$96.97	(R)	
Rate Band 12	$108.04	(R)	$107.25	(R)	
Rate Band 13	$118.40	(I)	$117.53	(I)	
Rate Band 14	$128.76	(I)	$127.82	(I)	
Rate Band 15	$139.12	(I)	$138.10	(I)	
Rate Band 16	$149.48	(I)	$148.39	(I)	
Rate Band 17	$159.84	(I)	$158.67	(I)	
Rate Band 18	$170.20	(N)	$168.96	(N)	
Rate Band 19	$180.56	(N)	$179.24	(N)	
Rate Band 20	$190.92	(N)	$189.52	(N)	
Rate Band 21	$201.28	(N)	$199.81	(N)	
Rate Band 22	$211.64	(N)	$210.09	(N)	
Rate Band 23	$222.00	(N)	$220.38	(N)	
Rate Band 24	$232.36	(N)	$230.66	(N)	
Rate Band 25	$242.72	(N)	$240.94	(N)	
Rate Band 26	$253.08	(N)	$251.23	(N)	
Rate Band 27	$263.44	(N)	$261.51	(N)	
Rate Band 28	$273.80	(N)	$271.80	(N)	
Rate Band 29	$284.16	(N)	$282.08	(N)	
Rate Band 30	$294.52	(N)	$292.37	(N)	
Rate Band 31	$304.88	(N)	$302.65	(N)	
Rate Band 32	$315.24	(N)	$312.93	(N)	
Rate Band 33	$325.60	(N)	$323.22	(N)	
Rate Band 34	$335.96	(N)	$333.50	(N)	
Rate Band 35	$346.32	(N)	$343.79	(N)	
Rate Band 36	$356.68	(N)	$354.07	(N)	
Rate Band 37	$367.04	(N)	$364.36	(N)	
Rate Band 38	$377.40	(N)	$374.64	(N)	
Rate Band 39	$400.04	(N)	$397.12	(N)	
Rate Band 40	$422.69	(N)	$419.60	(N)	
Rate Band 41	$445.33	(N)	$442.08	(N)	
Rate Band 42	$467.98	(N)	$464.55	(N)	
Rate Band 43	$490.62	(N)	$487.03	(N)	
Rate Band 44	$513.26	(N)	$509.51	(N)	
Rate Band 45	$535.91	(N)	$531.99	(N)	
Rate Band 46	$558.55	(N)	$554.47	(N)	
Rate Band 47	$581.20	(N)	$576.95	(N)	
Rate Band 48	$603.84	(N)	$599.42	(N)	
Rate Band 49	$626.48	(N)	$621.90	(N)	
Rate Band 50	$649.13	(N)	$644.38	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN (Cont'd)					
SDSL (Cont'd)					
Data-Only Option (Cont'd)					
- 768 kbps					$211.00
Rate Band 1	$10.21	(R)	$9.88	(R)	
Rate Band 2	$20.41	(R)	$19.77	(R)	
Rate Band 3	$30.62	(R)	$29.65	(R)	
Rate Band 4	$40.83	(R)	$39.54	(R)	
Rate Band 5	$57.64	(R)	$55.82	(R)	
Rate Band 6	$74.45	(R)	$72.10	(R)	
Rate Band 7	$91.26	(R)	$88.38	(R)	
Rate Band 8	$108.07	(R)	$104.66	(R)	
Rate Band 9	$124.89	(R)	$120.94	(R)	
Rate Band 10	$141.70	(R)	$137.22	(R)	
Rate Band 11	$158.51	(R)	$153.50	(R)	
Rate Band 12	$175.32	(R)	$169.78	(R)	
Rate Band 13	$192.13	(I)	$186.06	(I)	
Rate Band 14	$208.94	(I)	$202.34	(I)	
Rate Band 15	$225.75	(I)	$218.62	(I)	
Rate Band 16	$242.57	(I)	$234.90	(I)	
Rate Band 17	$259.38	(I)	$251.18	(I)	
Rate Band 18	$276.19	(N)	$267.46	(N)	
Rate Band 19	$293.00	(N)	$283.74	(N)	
Rate Band 20	$309.81	(N)	$300.02	(N)	
Rate Band 21	$326.62	(N)	$316.30	(N)	
Rate Band 22	$343.44	(N)	$332.58	(N)	
Rate Band 23	$360.25	(N)	$348.86	(N)	
Rate Band 24	$377.06	(N)	$365.15	(N)	
Rate Band 25	$393.87	(N)	$381.43	(N)	
Rate Band 26	$410.68	(N)	$397.71	(N)	
Rate Band 27	$427.49	(N)	$413.99	(N)	
Rate Band 28	$444.30	(N)	$430.27	(N)	
Rate Band 29	$461.12	(N)	$446.55	(N)	
Rate Band 30	$477.93	(N)	$462.83	(N)	
Rate Band 31	$494.74	(N)	$479.11	(N)	
Rate Band 32	$511.55	(N)	$495.39	(N)	
Rate Band 33	$528.36	(N)	$511.67	(N)	
Rate Band 34	$545.17	(N)	$527.95	(N)	
Rate Band 35	$561.99	(N)	$544.23	(N)	
Rate Band 36	$578.80	(N)	$560.51	(N)	
Rate Band 37	$595.61	(N)	$576.79	(N)	
Rate Band 38	$612.42	(N)	$593.07	(N)	
Rate Band 39	$649.17	(N)	$628.65	(N)	
Rate Band 40	$685.91	(N)	$664.24	(N)	
Rate Band 41	$722.66	(N)	$699.82	(N)	
Rate Band 42	$759.40	(N)	$735.41	(N)	
Rate Band 43	$796.15	(N)	$770.99	(N)	
Rate Band 44	$832.89	(N)	$806.58	(N)	
Rate Band 45	$869.64	(N)	$842.16	(N)	
Rate Band 46	$906.38	(N)	$877.74	(N)	
Rate Band 47	$943.13	(N)	$913.33	(N)	
Rate Band 48	$979.87	(N)	$948.91	(N)	
Rate Band 49	$1,016.62	(N)	$984.50	(N)	
Rate Band 50	$1,053.36	(N)	$1,020.08	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN (Cont'd)					
SDSL (Cont'd)					
Data-Only Option (Cont'd)					
- 2 Mbps##					$211.00
Rate Band 1	$12.79	(R)	$11.47	(R)	
Rate Band 2	$25.58	(R)	$22.93	(R)	
Rate Band 3	$38.36	(R)	$34.40	(R)	
Rate Band 4	$51.15	(R)	$45.86	(R)	
Rate Band 5	$72.21	(R)	$64.75	(R)	
Rate Band 6	$93.27	(R)	$83.63	(R)	
Rate Band 7	$114.34	(R)	$102.52	(R)	
Rate Band 8	$135.40	(R)	$121.40	(R)	
Rate Band 9	$156.46	(R)	$140.28	(R)	
Rate Band 10	$177.52	(R)	$159.17	(R)	
Rate Band 11	$198.58	(R)	$178.05	(R)	
Rate Band 12	$219.64	(R)	$196.94	(R)	
Rate Band 13	$240.71	(I)	$215.82	(I)	
Rate Band 14	$261.77	(I)	$234.71	(I)	
Rate Band 15	$282.83	(I)	$253.59	(I)	
Rate Band 16	$303.89	(I)	$272.47	(I)	
Rate Band 17	$324.95	(I)	$291.36	(I)	
Rate Band 18	$346.01	(N)	$310.24	(N)	
Rate Band 19	$367.08	(N)	$329.13	(N)	
Rate Band 20	$388.14	(N)	$348.01	(N)	
Rate Band 21	$409.20	(N)	$366.90	(N)	
Rate Band 22	$430.26	(N)	$385.78	(N)	
Rate Band 23	$451.32	(N)	$404.66	(N)	
Rate Band 24	$472.39	(N)	$423.55	(N)	
Rate Band 25	$493.45	(N)	$442.43	(N)	
Rate Band 26	$514.51	(N)	$461.32	(N)	
Rate Band 27	$535.57	(N)	$480.20	(N)	
Rate Band 28	$556.63	(N)	$499.09	(N)	
Rate Band 29	$577.69	(N)	$517.97	(N)	
Rate Band 30	$598.76	(N)	$536.86	(N)	
Rate Band 31	$619.82	(N)	$555.74	(N)	
Rate Band 32	$640.88	(N)	$574.62	(N)	
Rate Band 33	$661.94	(N)	$593.51	(N)	
Rate Band 34	$683.00	(N)	$612.39	(N)	
Rate Band 35	$704.06	(N)	$631.28	(N)	
Rate Band 36	$725.13	(N)	$650.16	(N)	
Rate Band 37	$746.19	(N)	$669.05	(N)	
Rate Band 38	$767.25	(N)	$687.93	(N)	
Rate Band 39	$813.29	(N)	$729.21	(N)	
Rate Band 40	$859.32	(N)	$770.48	(N)	
Rate Band 41	$905.36	(N)	$811.76	(N)	
Rate Band 42	$951.39	(N)	$853.03	(N)	
Rate Band 43	$997.43	(N)	$894.31	(N)	
Rate Band 44	$1,043.46	(N)	$935.58	(N)	
Rate Band 45	$1,089.50	(N)	$976.86	(N)	
Rate Band 46	$1,135.53	(N)	$1,018.14	(N)	
Rate Band 47	$1,181.57	(N)	$1,059.41	(N)	
Rate Band 48	$1,227.60	(N)	$1,100.69	(N)	
Rate Band 49	$1,273.64	(N)	$1,141.96	(N)	
Rate Band 50	$1,319.67	(N)	$1,183.24	(N)	

Effective August 30, 2014, the SDSL Data-Only 2 Mbps service option will no longer be available to new customers. A current customer with an SDSL Data-Only 2 Mbps service option, in service on August 29, 2014, may retain that service option at its existing location.

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN (Cont'd)					
SDSL (Cont'd)					
Data-Only Option (Cont'd)					
- 4 Mbps##					$211.00
Rate Band 1	$23.42	(R)	$17.94	(R)	
Rate Band 2	$46.85	(R)	$35.89	(R)	
Rate Band 3	$70.27	(R)	$53.83	(R)	
Rate Band 4	$93.70	(R)	$71.78	(R)	
Rate Band 5	$132.28	(R)	$101.33	(R)	
Rate Band 6	$170.86	(R)	$130.89	(R)	
Rate Band 7	$209.44	(R)	$160.44	(R)	
Rate Band 8	$248.02	(R)	$190.00	(R)	
Rate Band 9	$286.61	(R)	$219.56	(R)	
Rate Band 10	$325.19	(R)	$249.11	(R)	
Rate Band 11	$363.77	(R)	$278.67	(R)	
Rate Band 12	$402.35	(R)	$308.22	(R)	
Rate Band 13	$440.93	(I)	$337.78	(I)	
Rate Band 14	$479.51	(I)	$367.33	(I)	
Rate Band 15	$518.09	(I)	$396.89	(I)	
Rate Band 16	$556.68	(I)	$426.45	(I)	
Rate Band 17	$595.26	(I)	$456.00	(I)	
Rate Band 18	$633.84	(N)	$485.56	(N)	
Rate Band 19	$672.42	(N)	$515.11	(N)	
Rate Band 20	$711.00	(N)	$544.67	(N)	
Rate Band 21	$749.58	(N)	$574.22	(N)	
Rate Band 22	$788.17	(N)	$603.78	(N)	
Rate Band 23	$826.75	(N)	$633.34	(N)	
Rate Band 24	$865.33	(N)	$662.89	(N)	
Rate Band 25	$903.91	(N)	$692.45	(N)	
Rate Band 26	$942.49	(N)	$722.00	(N)	
Rate Band 27	$981.07	(N)	$751.56	(N)	
Rate Band 28	$1,019.65	(N)	$781.11	(N)	
Rate Band 29	$1,058.24	(N)	$810.67	(N)	
Rate Band 30	$1,096.82	(N)	$840.22	(N)	
Rate Band 31	$1,135.40	(N)	$869.78	(N)	
Rate Band 32	$1,173.98	(N)	$899.34	(N)	
Rate Band 33	$1,212.56	(N)	$928.89	(N)	
Rate Band 34	$1,251.14	(N)	$958.45	(N)	
Rate Band 35	$1,289.73	(N)	$988.00	(N)	
Rate Band 36	$1,328.31	(N)	$1,017.56	(N)	
Rate Band 37	$1,366.89	(N)	$1,047.11	(N)	
Rate Band 38	$1,405.47	(N)	$1,076.67	(N)	
Rate Band 39	$1,489.80	(N)	$1,141.27	(N)	
Rate Band 40	$1,574.13	(N)	$1,205.87	(N)	
Rate Band 41	$1,658.45	(N)	$1,270.47	(N)	
Rate Band 42	$1,742.78	(N)	$1,335.07	(N)	
Rate Band 43	$1,827.11	(N)	$1,399.67	(N)	
Rate Band 44	$1,911.44	(N)	$1,464.27	(N)	
Rate Band 45	$1,995.77	(N)	$1,528.87	(N)	
Rate Band 46	$2,080.10	(N)	$1,593.47	(N)	
Rate Band 47	$2,164.42	(N)	$1,658.07	(N)	
Rate Band 48	$2,248.75	(N)	$1,722.67	(N)	
Rate Band 49	$2,333.08	(N)	$1,787.27	(N)	
Rate Band 50	$2,417.41	(N)	$1,851.87	(N)	

Effective August 30, 2014, the SDSL Data-Only 4 Mbps service option will no longer be available to new customers. A current customer with an SDSL Data-Only 4 Mbps service option, in service on August 29, 2014, may retain that service option at its existing location.

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN (Cont'd)					
SDSL (Cont'd)					
Data-Only Option (Cont'd)					
- 10 Mbps					$211.00
Rate Band 1	$6.48	(R)	$6.27	(R)	
Rate Band 2	$12.97	(R)	$12.55	(R)	
Rate Band 3	$19.45	(R)	$18.82	(R)	
Rate Band 4	$25.94	(R)	$25.09	(R)	
Rate Band 5	$36.62	(R)	$35.42	(R)	
Rate Band 6	$47.30	(R)	$45.76	(R)	
Rate Band 7	$57.97	(R)	$56.09	(R)	
Rate Band 8	$68.65	(R)	$66.42	(R)	
Rate Band 9	$79.33	(R)	$76.75	(R)	
Rate Band 10	$90.01	(R)	$87.08	(R)	
Rate Band 11	$100.69	(R)	$97.42	(R)	
Rate Band 12	$111.37	(R)	$107.75	(R)	
Rate Band 13	$122.05	(I)	$118.08	(I)	
Rate Band 14	$132.73	(I)	$128.41	(I)	
Rate Band 15	$143.41	(I)	$138.74	(I)	
Rate Band 16	$154.09	(I)	$149.08	(I)	
Rate Band 17	$164.77	(I)	$159.41	(I)	
Rate Band 18	$175.45	(N)	$169.74	(N)	
Rate Band 19	$186.13	(N)	$180.07	(N)	
Rate Band 20	$196.81	(N)	$190.40	(N)	
Rate Band 21	$207.49	(N)	$200.74	(N)	
Rate Band 22	$218.17	(N)	$211.07	(N)	
Rate Band 23	$228.85	(N)	$221.40	(N)	
Rate Band 24	$239.53	(N)	$231.73	(N)	
Rate Band 25	$250.21	(N)	$242.06	(N)	
Rate Band 26	$260.89	(N)	$252.40	(N)	
Rate Band 27	$271.57	(N)	$262.73	(N)	
Rate Band 28	$282.24	(N)	$273.06	(N)	
Rate Band 29	$292.92	(N)	$283.39	(N)	
Rate Band 30	$303.60	(N)	$293.72	(N)	
Rate Band 31	$314.28	(N)	$304.06	(N)	
Rate Band 32	$324.96	(N)	$314.39	(N)	
Rate Band 33	$335.64	(N)	$324.72	(N)	
Rate Band 34	$346.32	(N)	$335.05	(N)	
Rate Band 35	$357.00	(N)	$345.38	(N)	
Rate Band 36	$367.68	(N)	$355.72	(N)	
Rate Band 37	$378.36	(N)	$366.05	(N)	
Rate Band 38	$389.04	(N)	$376.38	(N)	
Rate Band 39	$412.38	(N)	$398.96	(N)	
Rate Band 40	$435.72	(N)	$421.55	(N)	
Rate Band 41	$459.07	(N)	$444.13	(N)	
Rate Band 42	$482.41	(N)	$466.71	(N)	
Rate Band 43	$505.75	(N)	$489.29	(N)	
Rate Band 44	$529.09	(N)	$511.88	(N)	
Rate Band 45	$552.44	(N)	$534.46	(N)	
Rate Band 46	$575.78	(N)	$557.04	(N)	
Rate Band 47	$599.12	(N)	$579.63	(N)	
Rate Band 48	$622.46	(N)	$602.21	(N)	
Rate Band 49	$645.81	(N)	$624.79	(N)	
Rate Band 50	$669.15	(N)	$647.37	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

	Monthly Rate				Nonrecurring Installation Charge
	1 Year		3 Year		
TERM PLAN (Cont'd)					
SDSL (Cont'd)					
Data-Only Option (Cont'd)					
- 100 Mbps					$211.00
Rate Band 1	$10.25	(R)	$9.35	(R)	
Rate Band 2	$20.51	(R)	$18.71	(R)	
Rate Band 3	$30.76	(R)	$28.06	(R)	
Rate Band 4	$41.01	(R)	$37.41	(R)	
Rate Band 5	$57.90	(R)	$52.81	(R)	
Rate Band 6	$74.79	(R)	$68.22	(R)	
Rate Band 7	$91.68	(R)	$83.62	(R)	
Rate Band 8	$108.57	(R)	$99.03	(R)	
Rate Band 9	$125.45	(R)	$114.43	(R)	
Rate Band 10	$142.34	(R)	$129.83	(R)	
Rate Band 11	$159.23	(R)	$145.24	(R)	
Rate Band 12	$176.12	(R)	$160.64	(R)	
Rate Band 13	$193.01	(I)	$176.05	(I)	
Rate Band 14	$209.90	(I)	$191.45	(I)	
Rate Band 15	$226.78	(I)	$206.86	(I)	
Rate Band 16	$243.67	(I)	$222.26	(I)	
Rate Band 17	$260.56	(I)	$237.66	(I)	
Rate Band 18	$277.45	(N)	$253.07	(N)	
Rate Band 19	$294.34	(N)	$268.47	(N)	
Rate Band 20	$311.22	(N)	$283.88	(N)	
Rate Band 21	$328.11	(N)	$299.28	(N)	
Rate Band 22	$345.00	(N)	$314.68	(N)	
Rate Band 23	$361.89	(N)	$330.09	(N)	
Rate Band 24	$378.78	(N)	$345.49	(N)	
Rate Band 25	$395.66	(N)	$360.90	(N)	
Rate Band 26	$412.55	(N)	$376.30	(N)	
Rate Band 27	$429.44	(N)	$391.70	(N)	
Rate Band 28	$446.33	(N)	$407.11	(N)	
Rate Band 29	$463.22	(N)	$422.51	(N)	
Rate Band 30	$480.11	(N)	$437.92	(N)	
Rate Band 31	$496.99	(N)	$453.32	(N)	
Rate Band 32	$513.88	(N)	$468.73	(N)	
Rate Band 33	$530.77	(N)	$484.13	(N)	
Rate Band 34	$547.66	(N)	$499.53	(N)	
Rate Band 35	$564.55	(N)	$514.94	(N)	
Rate Band 36	$581.43	(N)	$530.34	(N)	
Rate Band 37	$598.32	(N)	$545.75	(N)	
Rate Band 38	$615.21	(N)	$561.15	(N)	
Rate Band 39	$652.12	(N)	$594.82	(N)	
Rate Band 40	$689.04	(N)	$628.49	(N)	
Rate Band 41	$725.95	(N)	$662.16	(N)	
Rate Band 42	$762.86	(N)	$695.83	(N)	
Rate Band 43	$799.77	(N)	$729.50	(N)	
Rate Band 44	$836.69	(N)	$763.16	(N)	
Rate Band 45	$873.60	(N)	$796.83	(N)	
Rate Band 46	$910.51	(N)	$830.50	(N)	
Rate Band 47	$947.42	(N)	$864.17	(N)	
Rate Band 48	$984.34	(N)	$897.84	(N)	
Rate Band 49	$1,021.25	(N)	$931.51	(N)	
Rate Band 50	$1,058.16	(N)	$965.18	(N)	

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd) (N) (N)

(2) DSL WPP Term Plan (Cont'd) (N)

(c) DSL Volume Pricing Plan (M)

Monthly Volume Commitment Level	Monthly Discount
500 lines	5%
2,500 lines	10%
5,000 lines	15%

(M)

Certain material currently found on this page previously appeared on Original Page 17-42.2.8.1.1.

Refer to the A/SDSL Rate Band columns in Section 17.6(A), following, to view company specific rate band assignments. (N) (N)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(D)

(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

Certain material formerly found on this page now appears on 12th Revised Page 17-42.2.2.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.5 Rate Tables

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands

				Rate Band Assignments				
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST
3 Rivers Telephone Cooperative, Inc.	MT	482255	15	14	14	7	10	1
Absaraka Coop. Tel. Co.	ND	381601	15	28	28	8	10	2
Accipiter Communications, Inc. d/b/a Zona Communications	AZ	452191	15	36	36	8	10	2
Ace Telephone Association	IA	351346	15	36	36	1	10	1
Ace Telephone Association	MN	361346	15	27	27	4	10	1
Ace Telephone Company of Michigan, Inc.	MI	310704	15	10	10	5	8	1
Ace Telephone Company of Michigan, Inc. - Allendale	MI	310669	15	14	14	8	6	1
Ace Telephone Company of Michigan, Inc. - Drenthe	MI	310692	15	11	11	1	9	1
Ace Telephone Company of Michigan, Inc. – Old Mission	MI	310777	15	8	8	5	4	2
Adak Eagle Enterprises, LLC d/b/a Adak Telephone Utility	AK	610989	15	25	25	8	8	2
Adams Telephone Co-Operative	IL	340976	15	23	23	8	9	2
Agate Mutual Telephone Cooperative Association	CO	462178	15	24	24	8	8	1
Alaska Telephone Company	AK	613017	15	27	27	8	10	2
Albany Mutual Telephone Assn., Inc.	MN	361347	15	19	19	8	8	1
Albion Telephone Company d/b/a ATC Communications	ID	472213	15	15	15	7	10	2
Alenco Communications, Inc.	TX	442090	15	9	9	8	8	1
Alhambra-Grantfork Telephone Company	IL	340978	15	25	25	8	10	1
All West Communications, Inc.	UT	502288	15	8	8	8	5	2
All West Communications, Inc.	WY	512290	15	6	6	8	10	1
Allband Communications Cooperative	MI	310542	15	31	31	8	10	2
Alliance Communications Cooperative, Inc. - Baltic	SD	391642	15	24	24	7	8	2
Alliance Communications Cooperative, Inc. - IA	IA	351405	15	14	14	6	8	2
Alliance Communications Cooperative, Inc. - MN	MN	361405	15	42	42	6	10	2
Alliance Communications Cooperative, Inc. - SD	SD	391405	15	31	31	8	10	2
Alliance Communications Cooperative, Inc. - Splitrock	SD	391657	15	14	14	2	5	2
Alma Communications Company d/b/a Alma Telephone Company	MO	421860	15	24	24	8	10	1
Alma Telephone Company, Inc.	GA	220344	15	6	6	1	4	2
Alpine Communications, L.C.	IA	351106	15	10	10	1	8	2
Alteva of Warwick LLC	NJ	160135	15	10	10	1	8	2
Alteva of Warwick LLC	NY	150135	15	22	22	1	10	2
Amelia Telephone Corporation	VA	190217	15	N/A	N/A	N/A	N/A	N/A
American Samoa Telecommunications Authority	AS	673900	15	7	7	3	10	2

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments											
Company Name	State	Study Area Number	MLB EUCL	SPA		ETS		LS		LT		TST	
Amery Telcom, Inc.	WI	330842	15	9	(C)	9	(C)	2		8		2	
Amherst Telephone Company	WI	330843	15	10	|	10	|	3		8		2	
Andrew Telephone Company, Inc.	IA	351097	15	19	|	19	|	8		8		2	
Arapahoe Telephone Company	NE	371516	15	11	|	11	|	8		5		2	
Arcadia Telephone Company	OH	300585	15	15	|	15	|	8		8		2	
Arcadia Telephone Cooperative	IA	351098	15	18	|	18	|	8		8		2	
Arctic Slope Tel. Assn. Coop., Inc.	AK	613001	15	10	|	10	|	8		8		2	
Ardmore Tel. Co., Inc.	TN	290280	15	8	|	8	|	1		4		1	
Arizona Telephone Company	AZ	452171	15	N/A	|	N/A	|	N/A	(C)	N/A	(C)	N/A	(C)
Arkansas Telephone Company, Inc.	AR	401692	15	5	|	5	|	1		1		1	
Arkwest Communications, Inc.	AR	401734	15	10	|	10	|	8		8		1	
Arlington Telephone Company	NE	371517	15	5	(C)	5	(C)	7		1		1	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments				
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST
Armstrong Tel. Co.	WV	200267	15	14	14	1	8	2
Armstrong Tel. Co. - NY	NY	150071	15	30	30	2	10	1
Armstrong Tel. Co. - PA	PA	170189	15	19	19	8	9	1
Armstrong Tel. Co. of West Virginia	WV	200256	15	14	14	3	8	1
Armstrong Telephone Company North	PA	170195	15	21	21	8	9	2
Armstrong Telephone Company of MD	MD	180216	15	19	19	3	10	1
Arrowhead Communications Corporation	MN	361374	15	15	15	8	6	1
Arthur Mutual Telephone Company	OH	300586	15	6	6	7	10	2
Arvig Tel. Co.	MN	361350	15	N/A	N/A	N/A	N/A	N/A
Asotin Telephone Company	WA	522404	15	13	13	1	5	2
Asotin Telephone Company	OR	532404	15	15	15	1	11	2
Atkins Telephone Company, Inc.	IA	351101	15	14	14	8	8	2
Atlantic Tel. Membership Corp.	NC	230468	15	N/A	N/A	N/A	N/A	N/A
Atlas Telephone Company	OK	431966	15	29	29	8	10	2
Ayersville Telephone Company	OH	300588	15	25	25	4	10	2
Ayrshire Farmers Mutual Telephone Company	IA	351105	15	17	17	8	8	2
Baca Valley Telephone Company	NM	492259	15	21	21	8	10	2
Badger Telecom, Inc.	WI	330844	15	N/A	N/A	N/A	N/A	N/A
Baldwin Nashville Telephone Company, Inc.	IA	351107	15	24	24	8	10	2
Baldwin Telecom, Inc.	WI	330846	15	9	9	2	7	2
Ballard Rural Tel. Coop. Corp., Inc.	KY	260396	15	8	8	5	7	1
Baraga Telephone Company	MI	310675	15	13	13	3	8	2
Barnardsville Telephone Company	NC	230469	15	10	10	1	5	1
Barnes City Coop. Telephone Company	IA	351108	15	34	34	8	10	2
Barry County Telephone Company	MI	310676	15	14	14	2	8	2
Bascom Mutual Telephone Company	OH	300589	15	11	11	7	8	2
Bay Springs Telephone Company, Inc.	MS	280446	15	18	18	2	10	2
Bayland Telephone, LLC	WI	330925	15	12	12	5	8	2
Bear Lake Communications	UT	503032	15	4	4	8	8	2
Beaver Creek Coop. Tel. Co.	OR	532359	15	18	18	6	8	2
Beehive Telephone Co., Inc., Nevada	NV	552284	15	9	9	8	3	2
Beehive Telephone Company, Inc.	UT	502284	15	28	28	8	8	2
Beggs Telephone Company	OK	431968	15	8	8	5	7	2
BEK Communications Cooperative	ND	381604	15	31	31	5	10	1
Belmont Telephone Co.	WI	330847	15	15	15	8	8	2
Ben Lomand Rural Telephone Cooperative, Inc.	TN	290553	15	8	8	1	8	2
Benkelman Telephone Company, Inc.	NE	372455	15	16	16	8	8	2

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments									
Company Name	State	Study Area Number	MLB EUCL	SPA		ETS		LS		LT		TST	
Bentleyville Communications Corporation t/d/b/a The Bentleyville Telephone Company	PA	170145	15	11	(C)	11	(C)	3		8		2	
Benton Cooperative Telephone Company	MN	361356	15	14	|	14	|	5		8		2	
Benton Ridge Telephone Company	OH	300590	15	25	|	25	|	8		10		2	
Beresford Municipal Telephone Company	SD	391649	15	12	|	12	|	6		8		2	
Bergen Telephone Company	WI	330848	15	28	|	28	|	8		10		2	
Berkshire Telephone Company	NY	150073	15	6	|	6	|	5		8		1	
Bernard Telephone Company, Inc.	IA	351110	15	26	|	26	|	8		10		1	
Bettles Telephone Company	AK	613002	15	15	|	15	|	8		7		2	
Big Bend Telephone Company, Inc.	TX	442039	15	27	|	27	|	8		10		2	
Big Sandy Telecom, Inc.	CO	462192	15	4	(C)	4	(C)	3		2		1	
Bijou Telephone Cooperative Association, Inc.	CO	462181	15	19	(C)	19	(C)	7		8		1	
Bixby Telephone Company	OK	431969	15	N/A		N/A		N/A		N/A		N/A	
Black Earth Telephone Company	WI	330849	15	15	(C)	15	(C)	5		8		1	
Blackfoot Telephone Cooperative, Inc.	MT	482235	15	11	|	11	|	2		3		1	
Blackfoot Telephone Cooperative, Inc.	MT	483308	15	10	|	10	|	1		3		1	
Blanca Telephone Company	CO	462182	15	10	|	10	|	8		4		2	
Blanchard Telephone Co.	MI	310678	15	17	|	17	|	5		8		2	
Bledsoe Tel. Coop.	TN	290554	15	10	|	10	|	2		8		2	
Bloomer Telephone Company	WI	330850	15	16	|	16	|	2		8		1	
Bloomingdale Home Telephone Company, Inc.	IN	320742	15	4	(C)	4	(C)	8		5		2	
Bloomingdale Telephone Company	MI	310679	15	7		7		5		8		2	
Blossom Telephone Company	TX	442038	15	25	(C)	25	(C)	6		10		1	
Blountsville Telephone LLC	AL	250282	15	15	|	15	|	5		9		1	
Blue Earth Valley Telephone Company	MN	361358	15	N/A	(C)	N/A	(C)	N/A	(C)	N/A	(C)	N/A	(C)
Blue Ridge Telephone Company	GA	220346	15	N/A		N/A		N/A		N/A		N/A	
Blue Valley Tele-Communications, Inc.	KS	411746	15	32	(C)	32	(C)	8		10		1	
Bluestem Telephone Company	KS	411835	15	5	(C)	5	(C)	3		2		1	
Bluffton Telephone Company, Inc.	SC	240512	15	N/A		N/A		N/A		N/A		N/A	
Bonduel Telephone Company	WI	330851	15	15	(C)	15	(C)	6		7		2	
Border to Border Communications, Inc.	TX	442073	15	39	|	39	|	8		11		2	
BPS Telephone Company	MO	420463	15	14	|	14	|	3		10		1	
Brandenburg Telephone Company	KY	260398	15	9	|	9	|	1		8		2	
Brantley Telephone Company, Inc.	GA	220347	15	20	|	20	|	3		10		1	
Brazoria Telephone Company	TX	442040	15	26	|	26	|	8		10		1	
Brazos Telephone Cooperative, Inc.	TX	442041	15	10	(C)	10	(C)	5		5		2	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments				
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST
Breda Telephone Corporation	IA	351112	15	24	24	8	10	2
Bretton Woods Telephone Company	NH	120038	15	19	19	8	8	2
Bridgewater Telephone Co.	MN	361362	15	N/A	N/A	N/A	N/A	N/A
Brindlee Mountain Telephone LLC	AL	250283	15	N/A	N/A	N/A	N/A	N/A
Bristol Bay Tel. Coop., Inc.	AK	613003	15	15	15	7	7	1
Brooklyn Mutual Telephone Company	IA	351113	15	10	10	8	8	2
Bruce Telephone Company, Inc.	MS	280447	15	9	9	1	8	1
Bruce Telephone Company, Inc.	WI	330855	15	25	25	8	10	1
Buckland Telephone Company	OH	300591	15	32	32	8	10	2
Buggs Island Telephone Cooperative	VA	190219	15	8	8	3	3	1
Bulloch County Rural Telephone Coop., Inc.	GA	220348	15	11	11	1	9	1
Burke's Garden Telephone Company, Inc.	VA	190220	15	23	23	8	10	2
Burlington, Brighton & Wheatland Telephone Company	WI	330856	15	15	15	4	8	2
Bush-Tel, Inc.	AK	613004	15	13	13	8	6	1
Butler Tel. Co., Inc.	AL	250284	15	N/A	N/A	N/A	N/A	N/A
Butler-Bremer Mutual Telephone Company, Inc.	IA	351115	15	18	18	8	10	2
Calaveras Tel. Co.	CA	542301	15	18	18	5	10	1
Calhoun City Telephone Company, Inc.	MS	280448	15	13	13	1	6	1
Callaway Telephone Exchange	MN	361365	15	21	21	8	10	1
Cal-Ore Telephone Co.	CA	542311	15	16	16	3	8	2
Cambridge Telephone Company	IL	340983	15	15	15	8	9	2
Cambridge Telephone Company	NE	371526	15	25	25	8	10	2
Cambridge Telephone Company, Inc.	ID	472215	15	20	20	7	10	2
Camden Telephone & Telegraph Company, Inc.	GA	220351	15	N/A	N/A	N/A	N/A	N/A
Camden Telephone Company, Inc.	IN	320744	15	15	15	7	8	2
Cameron Telephone Company	LA	270425	15	15	15	8	10	1
Cameron Telephone Company	TX	440425	15	16	16	2	10	2
Campti-Pleasant Hill Telephone Company	LA	270426	15	13	13	3	5	1

Certain material formerly found on this page now appears on 42nd Revised Page 17-50 and 42nd Revised Page 17-51.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments				
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST
Canadian Valley Telephone Company	OK	431974	15	28	28	8	10	2
Canby Telephone Association	OR	532362	15	19	19	8	10	2
Cannon Valley Telecom, Inc.	MN	361440	15	N/A	N/A	N/A	N/A	N/A
Cap Rock Telephone Cooperative	TX	442046	15	6	6	8	8	2
Carbon/Emery Telcom, Inc.	UT	502278	15	N/A	N/A	N/A	N/A	N/A
Carnegie Telephone Company	OK	431976	15	4	4	6	8	1
Carr Telephone Company	MI	310683	15	7	7	4	8	2
Cascade Communications Company	IA	351118	15	12	12	8	8	2
Cascade Utilities, Inc.	OR	532371	15	17	17	2	10	1
Casey Mutual Telephone Company	IA	351119	15	13	13	8	9	2
Cass Telephone Company	IL	340984	15	14	14	8	9	2
Cassadaga Telephone Corporation	NY	150076	15	11	11	8	8	2
Castleberry Telephone Company, Inc.	AL	250285	15	15	15	4	8	2
Center Junction Telephone Company	IA	351121	15	28	28	8	10	2
Central Arkansas Tel. Coop., Inc.	AR	401697	15	4	4	3	3	1
Central Oklahoma Telephone Co., L.L.C.	OK	431977	15	24	24	1	10	2
Central Scott Telephone	IA	351125	15	9	9	2	7	2
Central State Telephone Company	WI	330859	15	N/A	N/A	N/A	N/A	N/A
Central Texas Tel. Co-op., Inc.	TX	442052	15	16	16	5	10	2
Central Utah Telephone, Inc.	UT	502277	15	34	34	8	10	2

Certain material formerly found on this page now appears on 42nd Revised Page 17-75 for Triangle Telephone Company Association, Inc. – CMC.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd) (T)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

Company Name	State	Study Area Number	MLB EUCL	Rate Band Assignments SPA		ETS		LS	LT	TST
Champlain Tel. Co.	NY	150077	15	15	(C)	15	(C)	2	9	1
Chariton Valley Telephone Corporation	MO	421864	15	10	|	10	|	4	8	2
Chatham Telephone Company	MI	310685	15	13	|	13	|	1	8	1
Chautauqua & Erie Tel. Corp.	NY	150078	15	5	|	5	|	4	4	1
Chazy & Westport Telephone Corporation	NY	150079	15	7	|	7	|	3	5	1
Chequamegon Communications Cooperative, Inc.	WI	330860	15	7	|	7	|	3	7	2
Cherokee Telephone Company	OK	431979	15	26	(C)	26	(C)	4	8	2
Chesnee Telephone Company	SC	240515	15	N/A		N/A		N/A	N/A	N/A
Chester Telephone Company	SC	240516	15	N/A		N/A		N/A	N/A	N/A

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments				
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST
Cheyenne River Sioux Tribal Telephone Authority	SD	391647	15	28	28	8	10	1
Chibardun Telephone Cooperative, Inc.	WI	330861	15	22	22	2	10	1
Chickamauga Telephone Corporation	GA	220354	15	4 (C)	4 (C)	4	9	1
Chickasaw Telephone Company	OK	431980	15	11	11	7	4	1
Chillicothe Tel. Co.	OH	300597	15	N/A	N/A	N/A	N/A	N/A
Choctaw Telephone Company	MO	421893	15	12	12	8	8	2
Chouteau Telephone Company	OK	431981	15	6	6	3	9	1
Christensen Communications Company	MN	361425	15	15	15	8	8	1
Chugwater Tel. Co.	WY	512289	15	18	18	8	8	1
Churchill County Telephone & Telegraph System d/b/a CC Communications	NV	552349	15	11	11	1	7	1
Cimarron Telephone Company	OK	431982	15	5	5	1	4	2
Circle Telephone & Electric, LLC	AK	613005	15	24	24	8	10	1
Citizens Mutual Telephone Cooperative	IA	351129	15	8	8	2	10	1
Citizens Tel. Co. of Hammond, New York, Inc.	NY	150081	15	17	17	7	10	2
Citizens Telephone Company	MO	421865	15	13	13	8	8	1
Citizens Telephone Company	NC	230473	15	N/A	N/A	N/A	N/A	N/A
Citizens Telephone Company, Inc.	GA	220355	15	11	11	2	7	1
Citizens Telephone Cooperative	VA	190225	15	14	14	2	8	2
Citizens Telephone Cooperative, Inc.	WI	330863	15	9	9	8	5	2

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments					
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST	
Citizens Telephone Corporation	IN	320751	15	10	10	6	7	2	
City of Barnesville Telephone Utility	MN	361353	15	14	14	7	8	2	
City of Brookings Municipal Telephone Department	SD	391650	15	N/A	N/A	N/A	N/A	N/A	
City of Faith Municipal Tel. Co.	SD	391653	15	17	17	8	9	1	
Clara City Telephone Exchange Co.	MN	361370	15	9	9	4	6	1	
Clarence Telephone Company, Inc.	IA	351130	15	11	11	1	10	2	
Clarity Telecom, LLC	SD	391652	15	10	10	8	5	2	
Clarks Telecommunications Co.	NE	371531	15	31	31	8	11	1	
Clarksville Mutual Telephone Company	IL	340990	15	28	28	8	10	2	
Clay County Rural Telephone Cooperative, Inc. d/b/a Endeavor Communications	IN	320753	15	9	9	3	7	2	
Clear Creek Mutual Tel. Co.	OR	532363	15	29	29	1	11	1	
Clear Lake Independent Tel. Co.	IA	351132	15	19	19	1	10	1	
Clear Lake Telephone Company, Inc.	WI	330865	15	10	10	3	7	1	
Clements Tel. Co.	MN	361372	15	16	16	8	10	2	
Cleveland County Telephone Company, Inc.	AR	401698	15	10	10	1	2	2	
Climax Telephone Company	MI	310688	15	9	9	4	7	2	
C-M-L Telephone Cooperative Association	IA	351133	15	32	32	8	10	2	(M)
Cobbosseecontee Telephone Company	ME	100005	15	15	15	8	9	2	
Cochrane Cooperative Telephone Company	WI	330866	15	23	23	4	8	1	
Coleman County Telephone Cooperative, Inc.	TX	442057	15	19	19	8	10	1	
Colo Telephone Company	IA	351134	15	11	11	8	7	2	
Colorado Valley Telephone Co-Operative, Inc.	TX	442059	15	16	16	3	8	2	
Colton Telephone Company	OR	532364	15	28	28	8	10	1	
Columbine Acquisition Corp. d/b/a Columbine Telecom Company	CO	462204	15	4	4	1	2	1	
Columbine Telephone Company, Inc. d/b/a Silver Star Communications	ID	472295	15	17	17	7	9	2	
Columbus Grove Telephone Company	OH	300604	15	16	16	7	8	1	
Communications 1 Network, Inc.	IA	351262	15	19	19	8	8	2	
Communications Corp. of Indiana	IN	320776	15	N/A	N/A	N/A	N/A	N/A	
Communications Corporation of Michigan	MI	310672	15	10	10	1	5	1	
Communications Corporation of Southern Indiana	IN	320809	15	14	14	8	8	2	

Certain material currently found on this page previously appeared on 41st Revised Page 17-46.

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments					
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST	
Community Service Telephone Company	ME	100015	15	16	16	2	8	2	
Community Telephone Company	TX	442061	15	15	15	8	8	2	
Comporium, Inc.	SC	240542	15	N/A	N/A	N/A	N/A	N/A	
ComSouth Telecommunications, Inc.	GA	220369	15	9	9	7	8	1	
Concord Telephone Exchange, Inc.	TN	290559	15	N/A	N/A	N/A	N/A	N/A	
Conneaut Telephone Company	OH	300606	15	9	9	1	5	1	
Consolidated Telco, Inc.	NE	371530	15	15	15	8	8	2	
Consolidated Telcom	ND	381607	15	21	21	5	10	1	
Consolidated Telecom, Inc.	NE	371562	15	4	4	8	10	2	
Consolidated Telephone Company	MN	361373	15	11	11	4	8	2	
Consolidated Telephone Company	NE	371532	15	5	5	3	8	2	
Continental Telephone Company of Ohio	OH	300607	15	15	15	1	9	1	
Coon Creek Telephone Company	IA	351136	15	26	26	8	10	2	
Coon Valley Coop. Telephone Association, Inc.	IA	351137	15	20	20	8	10	2	
Coon Valley Farmers Telephone Company	WI	330868	15	13	13	6	8	2	
Cooperative Telephone Company	IA	351139	15	12	12	8	8	2	
Cooperative Telephone Exchange	IA	351303	15	31	31	6	10	1	
Copper Valley Telephone Cooperative, Inc.	AK	613006	15	12	12	6	10	2	
Copper Valley Telephone, Inc.	AZ	452176	15	16	16	8	8	2	
Cordova Telephone Cooperative, Inc.	AK	613007	15	41	41	3	10	2	
Corn Belt Telephone Company	IA	351141	15	14	14	8	8	2	
Council Grove Telephone Company	KS	411758	15	10	10	7	8	2	
Cozad Telephone Company	NE	371534	15	10	10	8	7	2	
C-R Telephone Company	IL	341009	15	6	6	6	4	2	(M)
Craigville Telephone Company, Inc.	IN	320756	15	14	14	8	8	2	
Craw-Kan Telephone Coop., Inc.	KS	411818	15	7	7	6	6	1	
Craw-Kan Telephone Coop., Inc.	MO	421759	15	18	18	4	8	2	
Crockett Tel. Co., Inc.	TN	290561	15	13	13	2	10	1	
Cross Tel. Co.	OK	431985	15	10	10	3	9	2	
Crosslake Telephone Company	MN	361499	15	10	10	6	8	2	
Crossville Telephone Company	IL	340993	15	14	14	8	8	2	
Crown Point Telephone Corp.	NY	150085	15	18	18	6	8	1	

Certain material currently found on this page previously appeared on 41st Revised Page 17-46.

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

			Rate Band Assignments											
Company Name	State	Study Area Number	MLB EUCL	SPA		ETS		LS		LT		TST		
Cuba City Telephone Exchange Company, Inc.	WI	330872	15	15	(C)	15	(C)	7		8		2		
Cumberland Telephone Company	IA	351146	15	21		21		8		10		2		
Cumby Telephone Cooperative, Inc.	TX	442065	15	5		5		8		3		1		
Cunningham Tel. Co., Inc.	KS	411761	15	24	(C)	24	(C)	6		10		2		
Curtis Telephone Company	NE	371536	15	5	|	5	|	6		7		2		
Custer Telephone Cooperative, Inc.	ID	472218	15	15	|	15	|	8		10		2		
Dakota Central Telecom I, Inc.	ND	381610	15	15	(C)	15	(C)	8		9		2		
Dakota Central Telecommunications Cooperative	ND	381610	15	15	(C)	15	(C)	8		9		2		
Dalton Telephone Company	NE	371537	15	21	|	21	|	4		10		2		
Danville Mutual Telephone Company	IA	351147	15	14	|	14	|	8		8		2		
Darien Telephone	GA	220358	15	12	(C)	12	(C)	4		7		1		
Daviess-Martin County Rural Tel. Corp. d/b/a RTC Communications	IN	320759	15	10	(C)	10	(C)	5		6		1		
Decatur Telephone Company	AR	401699	15	15	|	15	|	3		8		1		
Decatur Telephone Company, Inc.	MS	280451	15	10	|	10	|	6		8		2		
Deerfield Farmers Telephone Company	MI	310691	15	12	|	12	|	4		5		2		
DeKalb Telephone Cooperative, Inc.	TN	290562	15	5	|	5	|	1		3		1		
Delcambre Telephone Company	LA	270428	15	10	|	10	|	8		8		2		
Delhi Telephone Company	NY	150088	15	12	|	12	|	1		6		1		
Dell Telephone Co-Operative, Inc.	TX	442066	15	19	|	19	|	8		10		2		
Dell Telephone Co-Operative, Inc.	NM	492066	15	42	|	42	|	8		6		2		
Delta County Tele-Comm, Inc.	CO	462184	15	N/A	|	N/A	|	N/A	(C)	N/A	(C)	N/A	(C)	
Delta Telephone Company, Inc.	MS	280452	15	10	|	10	|	1		7		2		
Deposit Telephone Company, Inc.	NY	150089	15	10	|	10	|	1		5		1		
Dickey Rural Telephone Cooperative	ND	381611	15	11	(C)	11	(C)	1		9		1		

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments					
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST	
Dickeyville Telephone Corp.	WI	330875	15	14	14	5	8	1	
Diller Telephone Co.	NE	371540	15	28	28	8	10	2	
Direct Communications Cedar Valley, LLC	UT	500758	15	15	15	8	6	2	
Direct Communications Rockland, Inc.	ID	472232	15	32	32	8	11	2	
Dixon Acquisition, LLC	IA	351150	15	18	18	8	10	2	(T)
Dixville Telephone Company	NH	120042	15	28	28	8	10	2	
Dobson Tel. Co.	OK	431988	15	10	10	6	5	1	
Doylestown Telephone Company	OH	300609	15	12	12	3	8	2	
Dubois Telephone Exchange, Inc.	WY	512291	15	29	29	6	10	2	
Ducor Tel. Co.	CA	542313	15	8	8	8	10	2	
Dumont Telephone Company	IA	351152	15	12	12	8	8	2	
Dunbarton Telephone Company	NH	120043	15	14	14	4	8	2	
Dunkerton Telephone Cooperative	IA	351153	15	14	14	8	8	2	
Dunkirk & Fredonia Telephone Company	NY	150091	15	19	19	6	10	1	
Dunnell Telephone Company	MN	361381	15	31	31	8	10	2	
Duo County Tel. Coop., Inc.	KY	260401	15	9	9	2	8	1	
E. Ritter Tel. Co.	AR	401722	15	16	16	5	9	2	
E.N.M.R. Tel. Cooperative, Inc.	TX	442262	15	12	12	1	7	2	
E.N.M.R. Tel. Cooperative, Inc.	NM	492262	15	10	10	2	10	2	
Eagle Telephone System, Inc.	OR	532369	15	38	38	8	10	2	
Eagle Valley Telephone Company	MN	361383	15	16	16	5	8	1	
East Buchanan Telephone Coop.	IA	351156	15	4	4	1	1	1	
East Otter Tail Telephone Company	MN	361385	15	8	8	2	7	1	
Eastcoast Telecom, Inc.	WI	330914	15	14	14	4	8	2	
Eastern Nebraska Tel. Co.	NE	371542	15	6	6	1	8	1	
Eastern Slope Rural Telephone Assn., Inc.	CO	462186	15	7	7	8	4	1	
Eastex Telephone Cooperative, Inc.	TX	442068	15	21	21	5	4	2	
Eckles Telephone Company	MN	361386	15	9	9	8	2	2	
Edwards Telephone Company, Inc.	NY	150092	15	13	13	1	6	1	
El Paso Telephone Company	IL	341004	15	4	4	1	2	2	
Electra Telephone Company	TX	442069	15	11	11	8	6	2	
Elizabeth Telephone Company	LA	270430	15	21	21	8	10	1	
Elkhart Telephone Co., Inc.	KS	411764	15	22	22	8	10	2	
Ellensburg Telephone Company	WA	522412	15	4	4	1	1	2	
Ellerbe Telephone Company, Inc.	NC	230478	15	10	10	4	8	2	

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments				
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST
Ellijay Telephone Company	GA	220360	15	N/A	N/A	N/A	N/A	N/A
Ellington Telephone Company	MO	421874	15	22	22	4	10	2
Ellsworth Coop. Telephone Association	IA	351157	15	16	16	8	8	2
Elsie Communications, Inc.	NE	371518	15	14	14	8	5	2
Emery Telephone Company d/b/a Emery Telecom	UT	502278	15	N/A	N/A	N/A	N/A	N/A
Emily Cooperative Telephone Company	MN	361387	15	18	18	8	8	1
Empire Telephone Corporation	NY	150093	15	24	24	3	10	1
Etex Tel. Coop. Inc.	TX	442070	15	N/A	N/A	N/A	N/A	N/A
ETS Telephone Company, Inc.	TX	442091	15	10	10	1	3	2
F&B Communications, Inc.	IA	351160	15	6	6	8	10	2
FairPoint Communications Missouri, Inc.	MO	421472	15	11	11	8	8	2
Farber Telephone Company	MO	421876	15	11	11	8	10	2
Farmers & Merchants Mutual Telephone Company	IA	351166	15	18	18	8	8	2
Farmers Coop. Telephone Company	IA	351162	15	15	15	8	8	2
Farmers Independent Telephone Company	WI	330879	15	12	12	3	8	2
Farmers Mutual Coop. Telephone Company	IA	351168	15	35	35	8	10	2
Farmers Mutual Coop. Telephone Company	IA	351169	15	4	4	8	6	2
Farmers Mutual Cooperative Telephone Company	IA	351149	15	34	34	8	10	2
Farmers Mutual Cooperative Telephone Company	IA	351235	15	24	24	8	10	2
Farmers Mutual Telephone Company	OH	300612	15	30	30	8	10	2
Farmers Mutual Telephone Company	IA	351171	15	8	8	5	7	2
Farmers Mutual Telephone Company	IA	351172	15	17	17	8	10	2
Farmers Mutual Telephone Company	IA	351173	15	14	14	8	8	2
Farmers Mutual Telephone Company	IA	351174	15	23	23	8	10	2
Farmers Mutual Telephone Company	MN	361389	15	28	28	6	10	1
Farmers Mutual Telephone Company	ID	472221	15	13	13	8	7	1
Farmers Mutual Telephone Company of Chapin d/b/a Chapin Tel. Co.	MI	310694	15	18	18	8	8	2
Farmers Tel. Coop. Inc.	SC	240520	15	N/A	N/A	N/A	N/A	N/A
Farmers Telecommunications Cooperative, Inc.	AL	250290	15	9	9	1	5	1
Farmers Telephone Company	WI	330880	15	14	14	2	7	2
Farmers Telephone Company	IA	351175	15	19	19	8	9	2
Farmers Telephone Company - Essex	IA	351176	15	20	20	8	10	2
Farmers Telephone Company - Riceville	IA	351177	15	5	5	8	10	1
Farmers Telephone Company, Inc.	CO	462188	15	15	15	8	9	2
Federated Telephone Cooperative	MN	361390	15	14	14	8	8	2
Federated Telephone Cooperative	MN	361403	15	14	14	4	8	2

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments					
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST	
Felton Telephone Company, Inc.	MN	361391	15	36	36	7	11	2	
Fenton Co-op. Telephone Company	IA	351179	15	20	20	8	9	2	
Fidelity Telephone Company	MO	421882	15	9	9	6	9	1	
Filer Mutual Telephone Company	ID	472220	15	18	18	6	9	2	
Filer Mutual Telephone Company	NV	552220	15	13	13	8	5	2	
Fishers Island Telephone Corp.	NY	150095	15	4	4	8	10	2	
Five Area Telephone Co-operative, Inc.	TX	442071	15	9	9	8	7	2	
Flat Rock Telephone Co-Op, Inc.	IL	341012	15	15	15	1	10	2	(T)
Foothills Rural Telephone Coop. Corp.	KY	260406	15	12	12	1	10	1	
Foresthill Tel. Co., Inc. d/b/a Sebastian	CA	542318	15	42	42	6	10	2	
Fort Jennings Telephone Company	OH	300614	15	16	16	8	9	2	
Fort Mill Tel. Co.	SC	240521	15	N/A	N/A	N/A	N/A	N/A	
Fort Mojave Telecommunications, Inc.	AZ	452200	15	25	25	8	10	2	
Fort Randall Telephone Company d/b/a Mt. Rushmore Telephone Company	SD	391660	15	8	8	3	9	2	
Franklin Telephone Company	VT	140053	15	12	12	8	8	2	
Franklin Telephone Company, Inc.	MS	280454	15	13	13	3	8	1	
Fremont Telcom Co.	ID	472222	15	6	6	4	4	2	
Fulton Telephone Company, Inc.	MS	280455	15	4	4	3	7	1	
Ganado Telephone Company, Inc.	TX	442076	15	16	16	8	8	2	
Garden Valley Telephone Company	MN	361395	15	8	8	3	8	1	
Gardonville Cooperative Telephone Association	MN	361396	15	14	14	6	8	2	
Gearheart Communications Company, Inc. d/b/a Coalfields Telephone Company	KY	260408	15	N/A	N/A	N/A	N/A	N/A	
Geetingsville Telephone Company, Inc.	IN	320771	15	26	26	8	10	2	

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

Company Name	State	Study Area Number	Rate Band Assignments MLB EUCL	SPA	ETS	LS	LT	TST	
Geneseo Telephone Company	IL	341016	15	8	8	5	11	2	
Georgetown Telephone Company	MS	280456	15	25	25	8	10	2	
Germantown Independent Tel. Co.	OH	300618	15	4	4	5	4	1	
Germantown Telephone Company, Inc.	NY	150097	15	29	29	8	10	1	
Gervais Telephone Company d/b/a DataVision	OR	532373	15	20	20	5	9	2	(T)
Gila River Telecommunications, Inc.	AZ	452179	15	8	8	8	2	1	
Glandorf Telephone Company, Inc.	OH	300619	15	20	20	8	10	2	
Glasford Telephone Company	IL	341017	15	12	12	8	8	2	
Glenwood Network Services, Inc.	NE	371567	15	16	16	8	7	2	
Glenwood Telephone Company	GA	220365	15	8	8	5	10	1	
Glenwood Telephone Membership Corporation	NE	371553	15	4	4	8	10	2	
Golden Belt Telephone Association, Inc.	KS	411777	15	10	10	8	7	1	
Golden West Telecommunications Cooperative, Inc.	SD	391659	15	9	9	3	10	2	
Golden West Telecommunications Cooperative, Inc. - Armour	SD	391640	15	17	17	8	9	2	
Golden West Telecommunications Cooperative, Inc. - Kadoka	SD	391667	15	11	11	8	3	1	
Golden West Telecommunications Cooperative, Inc. - Sioux Valley	SD	391677	15	14	14	5	8	2	
Golden West Telecommunications Cooperative, Inc. - Union	SD	391684	15	19	19	8	8	2	
Golden West Telecommunications Cooperative, Inc. - Vivian	SD	391686	15	15	15	4	10	2	
Goldfield Telephone Company	IA	351188	15	18	18	8	9	2	
Goodman Telephone Company	MO	421886	15	20	20	1	10	1	
Gorham Telephone Company, Inc.	KS	411778	15	39	39	6	11	2	
Grafton Telephone Company	IL	341020	15	12	12	6	6	2	
Granada Telephone Company	MN	361399	15	N/A	N/A	N/A	N/A	N/A	
Granby Telephone Company	MO	421887	15	12	12	8	8	1	
Granby Telephone LLC	MA	110036	15	6	6	3	2	1	

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments						
Company Name	State	Study Area Number	MLB EUCL	SPA		ETS		LS	LT	TST
Grand Mound Coop. Telephone Association	IA	351191	15	16	(C)	16	(C)	8	8	2
Grand River Mutual Telephone Company	IA	351888	15	10	|	10	|	4	8	1
Grand River Mutual Telephone Company	MO	421888	15	13	|	13	|	4	9	2
Grand Telephone Company, Inc.	OK	431994	15	14	|	14	|	1	8	2
Grandview Mutual Telephone Company	IL	341021	15	28	|	28	|	8	10	2
Granite State Telephone Company	NH	120039	15	12	|	12	|	2	10	1
Grantland Tel. Co., Inc.	WI	330930	15	15	|	15	|	3	8	2
Great Plains Communications, Inc.	NE	371577	15	11	|	11	|	3	6	2
Green Hills Telephone Corporation	MO	421890	15	12	|	12	|	3	10	1
Gridley Telephone Company	IL	341023	15	19	(C)	19	(C)	6	8	2
Griggs County Telephone Co.	ND	381615	15	21		21		8	10	2
Griggs County Telephone Co. (Moore & Liberty)	ND	381622	15	15	(C)	15	(C)	8	8	2
Griswold Co-Op Telephone Company	IA	351195	15	8	|	8	|	5	7	1
GTC, Inc.	FL	210291	15	4	|	4	|	1	2	1
GTC, Inc.	FL	210329	15	4	|	4	|	1	2	1
GTC, Inc.	FL	210339	15	4	(C)	4	(C)	1	2	1

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments								
Company Name	State	Study Area Number	MLB EUCL	SPA		ETS		LS	LT	TST
Guadalupe Valley Tel. Co-op, Inc.	TX	442083	15	11	(C)	11	(C)	3	4	1
Gunnison Telephone Company	UT	502279	15	12		12		3	8	1
H & B Communications, Inc.	KS	411781	15	39		39		8	10	2
Hager TeleCom, Inc.	WI	330889	15	N/A		N/A		N/A	N/A	N/A
Halstad Telephone Company	MN	361401	15	32		32		8	10	2
Hamilton County Telephone Co-Op	IL	341024	15	17		17		8	9	2
Hamilton Telephone Company	NE	371555	15	13		13		3	8	2
Hampden Telephone Company	ME	100010	15	10		10		1	5	2
Hancock Rural Telephone Corporation d/b/a NineStar Connect	IN	320775	15	20		20		2	9	2
Hancock Telephone Company	NY	150099	15	10		10		8	6	1
Hanksville Telcom, Inc.	UT	502278	15	N/A		N/A		N/A	N/A	N/A
Happy Valley Tel. Co.	CA	542321	15	15		15		1	8	1
Hardy Telecommunications, Inc.	WV	200259	15	11		11		8	8	2
Hargray Tel. Co. Inc.	SC	240523	15	N/A		N/A		N/A	N/A	N/A
Harmony Telephone Company	MN	361404	15	18		18		8	8	2
Hart Telephone Company	GA	220368	15	10		10		8	8	1
Hartington Telecommunications Co., Inc.	NE	371556	15	11		11		8	10	1
Hartland & St. Albans Telephone Company	ME	100011	15	10		10		1	5	1
Hartman Telephone Exchanges, Inc.	NE	371557	15	28		28		8	10	2
Hat Island Telephone Company	WA	522417	15	4		4		6	7	1
Haviland Tel. Co., Inc.	KS	411780	15	11		11		2	3	1
Hawkeye Telephone Company	IA	351199	15	17		17		8	9	2
Haxtun Telephone Company	CO	462190	15	15		15		1	8	2
Hayneville Telephone Company, Inc.	AL	250299	15	8		8		1	8	1
Heart of Iowa Communications Cooperative	IA	351297	15	5		5		8	1	2

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments				
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST
Helix Telephone Company	OR	532376	15	41	41	8	10	2
Hemingford Cooperative Telephone Company	NE	371558	15	6	6	8	8	2
Henderson Co-Op Telephone Company	NE	371559	15	11	11	8	8	1
Henry County Telephone Company	IL	341029	15	12	12	8	8	2
Hershey Cooperative Telephone Company	NE	371561	15	8	8	7	8	2
Hiawatha Telephone Company	MI	310713	15	8	8	4	8	2
Hickory Telephone Company	PA	170171	15	10	10	6	8	2
Highland Telephone Company, Inc.	TN	290565	15	8	8	1	7	2
Highland Telephone Cooperative	VA	190237	15	12	12	7	8	2
Hill Country Telephone Co-Operative, Inc.	TX	442086	15	10	10	5	10	1
Hillsboro Telephone Company, Inc.	WI	330892	15	16	16	8	8	1
Hinton Tel. Co. of Hinton OK, Inc.	OK	431995	15	20	20	6	8	2
Hollis Telephone Company, Inc.	NH	123321	15	N/A	N/A	N/A	N/A	N/A
Holway Telephone Company	MO	421929	15	10	10	7	5	1
Home Tel. Co.	MN	361408	15	14	14	6	8	2
Home Tel. Co. of Pittsboro	IN	320777	15	15	15	3	7	1
Home Telephone Co.	IL	341032	15	22	22	8	8	2
Home Telephone Company	OR	532377	15	10	10	2	2	2
Home Telephone Company, Inc.	IN	320778	15	14	14	6	8	2
Home Telephone Company, Inc.	KS	411782	15	23	23	8	10	2
Home Telephone ILEC, LLC d/b/a Home Telecom	SC	240527	15	N/A	N/A	N/A	N/A	N/A
Hood Canal Telephone Co.	WA	522419	15	15	15	8	10	2
Hooper Tel. Co.	NE	371563	15	14	14	8	8	2
Hopi Telecommunications, Inc.	AZ	450815	15	21	21	8	10	2
Hopper Telecommunications LLC	AL	250300	15	5	5	7	6	1
Hornitos Tel. Co.	CA	542322	15	10	10	4	3	1
Horry Tel. Coop. Inc.	SC	240528	15	N/A	N/A	N/A	N/A	N/A
Hospers Telephone Exchange, Inc.	IA	351202	15	13	13	8	10	2
Hot Springs Telephone Company	MT	482241	15	15	15	3	10	2
Hubbard Cooperative Telephone Association	IA	351203	15	14	14	8	8	2
Humboldt Telephone Company	NV	553304	15	16	16	8	8	2
Humphrey's County Telephone Company	TN	290566	15	13	13	1	6	1

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments				
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST
Hutchinson Tel. Co.	MN	361409	15	8	8	1	7	2
Huxley Communications Cooperative	IA	351205	15	11	11	7	8	2
Iamo Telephone Company	IA	351206	15	4	4	8	10	2
Iamo Telephone Company	MO	421206	15	16	16	8	10	1
Indianhead Telephone Company	WI	330936	15	31	31	3	10	2
Industry Telephone Company	TX	442093	15	20	20	8	10	2
Inland Telephone Company	ID	472423	15	10	10	8	7	2
Inland Telephone Company	WA	522423	15	21	21	8	10	1
Interbel Tel. Coop., Inc.	MT	482242	15	19	19	4	8	2
Inter-Community Telephone Company, L.L.C.	ND	381616	15	28	28	5	10	2
Interior Telephone Company, Inc.	AK	613011	15	9	9	8	8	2
Interstate 35 Telephone Company	IA	351209	15	16	16	6	10	1
Interstate Telecommunications Cooperative, Inc.	MN	361654	15	21	21	5	10	2
Interstate Telecommunications Cooperative, Inc.	SD	391654	15	18	18	3	8	2
Interstate Telecommunications Cooperative, Inc.	SD	391679	15	9	9	3	5	2
Ironton Tel. Co.	PA	170175	15	N/A	N/A	N/A	N/A	N/A
Island Telephone Company	MI	310677	15	15	15	4	8	2
Island Telephone Company	ME	100007	15	15	15	8	10	2
ITS Telecommunications Systems, Inc.	FL	210331	15	16	16	5	10	2
J.B.N. Telephone Company, Inc.	KS	411785	15	23	23	6	10	1
James Valley Cooperative Telephone Company	SD	391664	15	19	19	6	10	2
Jefferson Tel. Co.	IA	351212	15	N/A	N/A	N/A	N/A	N/A
Jefferson Telephone Company	SD	391666	15	4	4	7	10	2
Johnson Telephone Company	MN	361410	15	14	14	6	8	1
Jordan-Soldier Valley Telephone Company	IA	351213	15	N/A	N/A	N/A	N/A	N/A
K&M Telephone Company, Inc.	NE	371565	15	19	19	4	10	2
Kalama Telephone Company	WA	522426	15	19	19	8	8	2
Kaleva Telephone Company	MI	310703	15	21	21	6	10	2
Kalida Telephone Company, Inc.	OH	300625	15	11	11	6	7	2
Kalona Cooperative Telephone Company	IA	351214	15	15	15	4	10	1
Kanokla Telephone Association	KS	411788	15	26	26	8	8	1
Kanokla Telephone Association	OK	431788	15	29	29	2	10	1

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments									
Company Name	State	Study Area Number	MLB EUCL	SPA		ETS		LS		LT		TST	
Kaplan Telephone Company	LA	270432	15	5		5		6		8		2	
Kasson & Mantorville Telephone Company	MN	361412	15	8	(C)	8	(C)	5		9		1	
Kearsarge Telephone Company	NH	120045	15	N/A	|	N/A	|	N/A	(C)	N/A	(C)	N/A	(C)
Kennebec Telephone Company	SD	391668	15	8	|	8	|	8		8		1	
Kerman Telephone Company d/b/a Sebastian	CA	542324	15	29	|	29	|	6		10		2	
Ketchikan Public Utilities	AK	613013	15	27	|	27	|	6		10		1	
Keystone Farms Cooperative Telephone Company	IA	351217	15	19	|	19	|	8		8		2	
Killduff Telephone Company	IA	351407	15	24	|	24	|	3		10		2	
Kingdom Telephone Company	MO	421901	15	30	|	30	|	1		10		2	
Kinsman Mutual Telephone Company	IL	341041	15	28	(C)	28	(C)	8		10		2	
KLM Telephone Company	MO	421900	15	20		20		5		10		2	
Knology Total Communications, Inc.	AL	250295	15	16	(C)	16	(C)	2		9		1	
La Harpe Telephone Company	IL	341043	15	28	|	28	|	8		10		2	
La Jicarita Rural Tel. Coop., Inc.	NM	492263	15	16	|	16	|	3		8		1	
La Motte Telephone Company	IA	351222	15	11	|	11	|	8		7		2	
La Porte City Telephone Company	IA	351220	15	12	|	12	|	8		8		2	
La Valle Telephone Cooperative	WI	330899	15	24	|	24	|	4		10		2	
La Ward Telephone Exchange, Inc.	TX	442103	15	18	(C)	18	(C)	8		8		2	

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments				
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST
Lackawaxen Telecommunications Services, Inc.	PA	170177	15	25	25	1	10	2
Lafourche Telephone Company, L.L.C.	LA	270433	15	4	4	3	1	1
Lakefield Telephone Company	WI	330896	15	14	14	6	8	2
Lakeland Communications Group, LLC – Luck	WI	330902	15	18	18	1	8	1
Lakeland Communications Group, LLC - Milltown	WI	330910	15	23	23	4	10	1
Lakeside Telephone Company, Inc.	MS	280457	15	31	31	8	10	1
Lancaster Tel Co.	SC	240531	15	N/A	N/A	N/A	N/A	N/A
Lathrop Telephone Company	MO	421932	15	12	12	5	8	2
Laurel Highland Telephone Company	PA	170179	15	26	26	2	7	2
Lavaca Telephone Company	AR	401704	15	31	31	2	10	1
Lavaca Telephone Company	OK	431704	15	38	38	2	10	1
Leaco Rural Tel. Coop., Inc.	NM	492264	15	38	38	8	11	2
Leaf River Telephone Company	IL	341045	15	18	18	8	9	2
Lehigh Valley Coop. Tel. Assoc.	IA	351225	15	20	20	8	8	2
Lemonweir Valley Telephone Company	WI	330900	15	11	11	7	8	1

Certain material formerly found on this page now appears on 43rd Revised Page 17-61.

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments					
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST	
Lennon Telephone Company	MI	310708	15	7	7	3	4	1	
Leonore Mutual Telephone Company	IL	341046	15	29	29	8	10	2	
Le-Ru Telephone Company	MO	421908	15	31	31	4	10	1	(M)
Leslie County Telephone Company	KY	260411	15	N/A	N/A	N/A	N/A	N/A	
Lewis River Telephone Company, Inc.	WA	522427	15	15	15	1	8	1	
Lewisport Telephone Company, Inc.	KY	260412	15	15	15	6	8	2	
Ligonier Telephone Company, Inc.	IN	320783	15	21	21	5	10	2	
Lincoln County Telephone System, Inc.	NV	552351	15	28	28	6	10	2	
Lincoln Telephone Company, Inc.	MT	482244	15	18	18	8	8	2	
Lincolnville Networks, Inc.	ME	100003	15	4	4	3	8	2	
Lipan Telephone Company	TX	442105	15	18	18	8	8	1	
Lismore Cooperative Telephone Company	MN	361419	15	29	29	8	10	2	
Little Miami Communications Corp.	OH	300613	15	15	15	1	9	1	
Livingston Telephone Company	TX	442107	15	N/A	N/A	N/A	N/A	N/A	
Lockhart Tel. Co., Inc.	SC	240532	15	N/A	N/A	N/A	N/A	N/A	
Logan Telephone Coop., Inc.	KY	260413	15	16	16	2	8	1	
Lone Rock Cooperative Telephone Company	IA	351228	15	23	23	8	10	2	
Lonsdale Telephone Company	MN	361422	15	24	24	5	9	1	
Loretel Systems, Inc.	MN	361443	15	11	11	2	8	2	
Loretto Telephone Company, Inc.	TN	290570	15	14	14	3	8	2	
Lost Nation-Elwood Telephone Company	IA	351229	15	16	16	8	8	2	
Ludlow Telephone Company	VT	140058	15	10	10	2	5	2	
Lumos Telephone Inc.	VA	190226	15	N/A	N/A	N/A	N/A	N/A	
Lumos Telephone of Botetourt Inc.	VA	190249	15	8	8	2	8	1	
Lynnville Telephone Company	IA	351232	15	19	19	1	9	2	
Mabel Cooperative Telephone	MN	361424	15	20	20	8	10	2	
Mabel Cooperative Telephone Company	IA	351424	15	26	26	8	10	2	
Madison County Tel. Co., Inc.	AR	401709	15	13	13	3	8	1	
Madison Telephone Company	IL	341049	15	39	39	8	10	2	
Madison Telephone, LLC	KS	411801	15	18	18	8	8	1	
Magazine Telephone Company	AR	401710	15	15	15	8	8	2	
Mahanoy & Mahantango Telephone Company	PA	170183	15	15	15	1	9	1	
Manawa Tel. Co., Inc.	WI	330905	15	11	11	5	7	2	

Certain material currently found on this page previously appeared on 16th Revised Page 17-60.1.

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments					
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST	
Manchester-Hartland Telephone Company	MN	361426	15	25	25	8	10	2	
Manti Telephone Company	UT	502282	15	10	10	3	8	2	
Margaretville Telephone Company, Inc.	NY	150104	15	15	15	2	10	1	
Marianna-Scenery Hill Tel. Co.	PA	170185	15	9	9	1	8	1	
Mark Twain Rural Telephone Company	MO	421914	15	8	8	2	8	1	
Marne & Elk Horn Telephone Company	IA	351237	15	10	10	8	8	2	
Marquette-Adams Telephone Cooperative, Inc.	WI	330908	15	9	9	3	4	1	
Marseilles Telephone Company of Marseilles	IL	341050	15	10	10	3	8	2	
Martelle Cooperative Telephone Association	IA	351238	15	19	19	8	8	2	
Mashell Telecom, Inc.	WA	522431	15	18	18	6	8	1	
Massena Telephone Company	IA	351239	15	21	21	8	10	2	
Matanuska Telephone Association	AK	613015	15	11	11	1	8	2	
McClellanville Telephone Company, Inc.	SC	240533	15	10	10	1	5	1	
McClure Tel. Co.	OH	300598	15	19	19	8	8	2	
McDaniel Telephone Company	WA	522430	15	15	15	2	9	2	
McDonald County Telephone Company	MO	421912	15	14	14	2	10	1	
McDonough Telephone Cooperative	IL	341047	15	24	24	8	10	2	
McLoud Telephone Company	OK	432006	15	8	8	4	6	1	
McNabb Telephone Company	IL	341048	15	8	8	8	5	2	
Mechanicsville Telephone Company	IA	351241	15	19	19	8	8	2	
Mediapolis Telephone Company	IA	351251	15	16	16	6	8	2	
Medicine Park Telephone Company	OK	432008	15	40	40	8	10	2	
Melrose Telephone Company	MN	361430	15	10	10	2	8	2	
Merchants & Farmers Telephone Company	IN	320788	15	15	15	7	10	1	
Merrimack County Tel. Co. d/b/a Contoocook Valley Tel. Co.	NH	123321	15	N/A	N/A	N/A	N/A	N/A	
Merrimack County Telephone Company	NH	120047	15	N/A	N/A	N/A	N/A	N/A	
Mescalero Apache Telecom, Inc.	NM	491231	15	23	23	8	10	2	
Metamora Telephone Company	IL	341053	15	10	10	4	8	2	
MGW Telephone Company, Inc.	VA	190238	15	23	23	7	10	2	
Michigan Central Broadband Company, LLC	MI	310785	15	22	22	8	10	2	
Mid Century Telephone Co-operative	IL	341054	15	24	24	8	10	1	(M)
Mid State Telephone Company, Inc.	MN	361433	15	N/A	N/A	N/A	N/A	N/A	|
Mid State Telephone Company, Inc. d/b/a K M P Telephone Company	MN	361413	15	15	15	6	10	2	(M)
Mid-America Telephone, Inc.	OK	432010	15	13	13	1	6	1	
Middle Point Home Telephone Company	OH	300633	15	15	15	8	8	2	(M)
Middleburgh Telephone Company	NY	150105	15	23	23	4	10	1	(M)
Mid-Maine Telecom LLC	ME	103315	15	5	5	3	2	1	
Mid-Plains Rural Tel. Coop., Inc.	TX	442112	15	9	9	7	7	2	

Certain material currently found on this page previously appeared on 42nd Revised Page 17-63.

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments				
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST
Mid-Plains Telephone, Inc.	WI	330881	15	N/A	N/A	N/A	N/A	N/A
Mid-Rivers Telephone Cooperative, Inc.	MT	482246	15	11	11	1	8	2
Midstate Communications, Inc.	ND	381638	15	18	18	8	9	2
Midstate Communications, Inc.	SD	391670	15	15	15	4	7	2
Midstate Telephone Company	ND	381617	15	19	19	8	8	1
Midvale Telephone Exchange, Inc.	AZ	452226	15	16	16	7	10	2
Midvale Telephone Exchange, Incorporated	ID	472226	15	9	9	8	10	2
Midway Telephone Company	MI	310711	15	5	5	1	10	1
Midway Telephone Company, Inc.	WI	330909	15	N/A	N/A	N/A	N/A	N/A
Midwest Telephone Company	MN	361431	15	14	14	8	8	2
Miles Coop. Tel. Assoc.	IA	351242	15	14	14	8	8	2
Miller Telephone Company	MO	421920	15	16	16	8	8	2
Millington Telephone Company, Inc. d/b/a Ritter Communications	TN	290571	15	N/A	N/A	N/A	N/A	N/A
Millry Telephone Company, Inc.	AL	250304	15	10	10	1	8	1
Minburn Telecommunications, Inc.	IA	351158	15	4	4	5	8	2
Minburn Telephone Company	IA	351245	15	10	10	8	8	1
Minerva Valley Telephone Company, Inc.	IA	351246	15	24	24	8	10	2
Minford Telephone Company	OH	300634	15	11	11	2	8	2
Minnesota Valley Telephone Company, Inc.	MN	361439	15	14	14	8	8	2
Missouri Valley Communications, Inc.	ND	382247	15	6	6	4	6	1
Moapa Valley Telephone Company	NV	552353	15	9	9	2	7	2
Modern Coop. Tel. Co.	IA	351247	15	29	29	8	10	2
MoKan Dial, Inc.	KS	411807	15	13	13	4	8	1
MoKan Dial, Inc.	MO	421807	15	11	11	1	6	2
Molalla Telephone Company	OR	532383	15	19	19	5	8	1
Mon-Cre Telephone Cooperative, Inc.	AL	250305	15	12	12	1	10	1
Monitor Cooperative Telephone Company	OR	532384	15	36	36	8	10	2
Monon Telephone Company, Inc.	IN	320790	15	19	19	6	8	2

Certain material formerly found on this page now appears on 43rd Revised Page 17-62.

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments				
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST
Monroe Telephone Company	OR	532385	15	14	14	8	10	1
Montrose Mutual Telephone Company	IL	341058	15	19	19	3	10	2
Mosinee Telephone Company, LLC	WI	330915	15	15	15	2	7	2
Moultrie Independent Telephone Company	IL	341060	15	19	19	8	10	2
Mound Bayou Telephone & Communications, Inc.	MS	280462	15	11	11	1	5	1
Moundridge Telephone Company	KS	411808	15	22	22	8	10	1
Moundville Telephone Company	AL	250307	15	16	16	8	7	2
Mountain Rural Tel. Coop. Corp., Inc.	KY	260414	15	4	4	1	6	1
Mountain View Telephone Company	AR	401712	15	11	11	4	8	2
Mt. Angel Telephone Company	OR	532386	15	10	10	6	8	2
Mt. Horeb Tel. Co.	WI	330916	15	N/A	N/A	N/A	N/A	N/A
Mt. Vernon Telephone Company	WI	330917	15	N/A	N/A	N/A	N/A	N/A
Mud Lake Telephone Cooperative Association, Inc.	ID	472227	15	17	17	8	10	2
Muenster Telephone Corporation of Texas d/b/a Nortex Communications	TX	442116	15	10	10	8	8	1
Mukluk Telephone Company, Inc.	AK	613016	15	9	9	8	5	2
Mulberry Cooperative Telephone Company, Inc.	IN	320792	15	10	10	3	7	2
Mutual Telephone Company	IA	351252	15	7	7	1	2	1
Mutual Telephone Company	KS	411809	15	16	16	8	7	2
Mutual Telephone Company of Morning Sun	IA	351250	15	14	14	8	8	2
Myrtle Tel. Co., Inc.	MS	287449	15	14	14	8	8	2
National Telephone of Alabama, Inc.	AL	250286	15	15	15	5	7	1
Nebraska Central Telephone Company	NE	371574	15	8	8	5	8	1
Nehalem Telecommunications, Inc. d/b/a Nehalem Tel. & Tel.	OR	532387	15	19	19	1	8	1
Nelson Communications Cooperative	WI	330918	15	16	16	3	8	1
Nelson-Ball Ground Telephone Company, Inc.	GA	220375	15	N/A	N/A	N/A	N/A	N/A
Nemont Telephone Cooperative, Inc.	ND	382247	15	6	6	4	6	1
Nemont Telephone Cooperative, Inc.	MT	482247	15	7	7	1	8	1

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments				
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST
New Castle Tel. Co.	VA	193029	15	10	10	1	2	2
New Florence Telephone Company, Inc.	MO	421927	15	16	16	8	7	1
New Hope Telephone Cooperative	VA	190239	15	18	18	8	8	2
New Hope Telephone Cooperative	AL	250308	15	13	13	7	8	1
New Knoxville Telephone Company	OH	300639	15	21	21	8	10	2
New Lisbon Telephone Company, Inc.	IN	320796	15	14	14	8	8	2
New London Telephone Company	MO	421928	15	10	10	1	5	2
New Paris Telephone, Inc.	IN	320797	15	19	19	3	8	2
New Ulm Telecom, Inc.	MN	361442	15	21	21	6	10	1
New Windsor Telephone Company	IL	341062	15	16	16	8	8	2
Newport Telephone Company, Inc.	NY	150107	15	16	16	7	8	2
Niagara Telephone Company	WI	330920	15	26	26	1	10	2
Nicholville Telephone Company, Inc.	NY	150108	15	9	9	8	10	2
North Central Telephone Cooperative, Inc.	TN	290573	15	11	11	1	6	1
North Country Telephone Company	AK	613026	15	18	18	8	10	1
North Dakota Telephone Co.	ND	381447	15	17	17	4	10	2
North English Cooperative Telephone Company	IA	351257	15	15	15	8	8	2
North Penn Telephone Company	PA	170192	15	24	24	2	8	2
North State Telephone Company d/b/a North State Communications	NC	230491	15	6	6	2	7	2
North Texas Telephone Company	TX	442043	15	14	14	8	8	2
Northeast Florida Telephone Company, Inc.	FL	210335	15	9	9	5	5	1
Northeast Iowa Telephone Company, Inc.	IA	351230	15	15	15	8	8	2
Northeast Louisiana Telephone Company, Inc.	LA	270435	15	29	29	7	10	1
Northeast Missouri Rural Telephone Company	MO	421931	15	15	15	4	10	2

Certain material formerly found on this page now appears on 37th Revised Page 17-66.

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments					
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST	
Northeast Nebraska Telephone Company	NE	371576	15	39	39	6	11	2	
Northeast Telephone Company	WI	330938	15	10	10	1	8	2	
Northern Arkansas Telephone Company	AR	401713	15	10	10	1	8	1	
Northern Iowa Telephone Company	IA	351259	15	21	21	8	9	2	
Northern Telephone Company of Minnesota	MN	361500	15	25	25	8	10	2	
Northern Telephone Cooperative, Inc.	MT	482248	15	10	10	6	9	1	
Northfield Telephone Company	VT	140061	15	15	15	1	8	1	
North-State Telephone Company	OR	532388	15	25	25	8	10	2	(M)
Northwest Communications Cooperative, Inc.	ND	381625	15	17	17	4	10	2	
Northwest Iowa Telephone, LLC	IA	351260	15	10	10	4	8	2	
Northwest Tel. Coop.	IA	351261	15	20	20	8	10	2	
Northwestern Indiana Tel. Co.	IN	320800	15	10	10	3	8	1	
Norway Telephone Company, Inc.	SC	240535	15	14	14	6	7	1	
Nova Telephone Company	OH	300644	15	15	15	7	5	1	
Noxapater Telephone Company, Inc.	MS	280461	15	21	21	8	10	2	
Nucla-Naturita Telephone Company	CO	462193	15	9	9	8	7	2	
Nunn Telephone Company	CO	462194	15	11	11	8	6	1	
Nushagak Electric & Telephone Cooperative, Inc.	AK	613018	15	10	10	7	5	1	
Oakman Telephone Company, Inc.	AL	250311	15	15	15	8	8	2	
Oakwood Mutual Telephone Company	OH	300645	15	15	15	4	10	1	
Odin Telephone Exchange, Inc.	IL	341065	15	6	6	5	4	1	
Ogden Telephone Company	MI	310714	15	24	24	5	10	2	
Ogden Telephone Company	IA	351263	15	20	20	5	8	2	
Oklahoma Communication Systems, Inc.	OK	431984	15	N/A	N/A	N/A	N/A	N/A	
Oklahoma Western Telephone Company	OK	432014	15	21	21	6	6	2	
Oklatel Communications, Inc.	OK	432013	15	23	23	8	10	1	
Olin Telephone Company, Inc.	IA	351264	15	24	24	8	10	2	
Oneida County Rural Telephone Company	NY	150111	15	38	38	2	10	2	
Oneida Telephone Exchange, Inc.	IL	341066	15	21	21	8	8	2	
Onslow Cooperative Telephone Association	IA	351265	15	23	23	8	10	2	
Ontario Telephone Company, Inc.	NY	150112	15	20	20	8	10	1	

Certain material currently found on this page previously appeared on 34th Revised Page 17-65.

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments				
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST
Ontonagon County Telephone Company	MI	310717	15	8	8	2	8	1
Oran Mutual Telephone Company	IA	351266	15	24	24	8	10	2
Orchard Farm Tel. Co.	MO	421934	15	10	10	5	5	2
Oregon Farmers Mutual Telephone Company	MO	421935	15	10	10	1	8	2
Oregon Telephone Corporation	OR	532389	15	16	16	8	9	2
Oregon Telephone Corporation	OR	533336	15	31	31	4	10	2
Oregon-Idaho Utilities, Inc.	OR	532390	15	36	36	8	10	2
Oriskany Falls Telephone Corporation	NY	150114	15	15	15	1	8	1
Orwell Telephone Company	OH	300649	15	4	4	3	4	1
Osakis Telephone Company	MN	361448	15	20	20	8	10	1
Otelco Mid-Missouri LLC	MO	421917	15	11	11	7	6	2
Otelco Telephone LLC	AL	250312	15	N/A	N/A	N/A	N/A	N/A
Ottoville Mutual Telephone Company	OH	300650	15	20	20	8	10	2
OTZ Telephone	AK	613019	15	17	17	8	10	1
Oxford County Telephone & Telegraph Company	ME	100019	15	28	28	4	11	2
Oxford West Telephone Company	ME	100002	15	5	5	5	5	2
Ozark Telephone Company	MO	421866	15	N/A	N/A	N/A	N/A	N/A
Palmer Mutual Telephone Company	IA	351270	15	17	17	8	8	2
Palmerton Telephone Company	PA	170196	15	10	10	2	8	2
Palmetto Rural Telephone Cooperative	SC	240536	15	15	15	2	8	1
Palo Cooperative Telephone Association	IA	351269	15	13	13	8	8	2
Panhandle Telephone Cooperative, Inc.	OK	432016	15	N/A	N/A	N/A	N/A (C)	N/A
Panora Communications Cooperative	IA	351271	15	7	7	5	8	2
Park Region Mutual Telephone Company	MN	361450	15	16	16	5	9	2
Partner Communications Cooperative	IA	351187	15	17	17	8	10	2
Pattersonville Telephone Company	NY	150116	15	29	29	8	10	2
Pattersonville Telephone Company	OH	300651	15	25	25	8	10	2
Paul Bunyan Rural Telephone Cooperative	MN	361451	15	15	15	1	10	1
PBT Telecom, Inc.	SC	240539	15	8	8	1	7	2
Peace Valley Telephone Company	MO	421936	15	21	21	8	10	2
Peetz Cooperative Telephone Company	CO	462196	15	10	10	8	4	2
Pembroke Telephone Company, Inc.	GA	220376	15	9	9	6	8	2
Pembroke Telephone Cooperative	VA	190243	15	10	10	3	8	2
Penasco Valley Telephone Cooperative, Inc.	NM	492270	15	44	44	8	10	2
Pend Oreille Telephone Company	WA	522418	15	10	10	3	6	2

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments											
Company Name	State	Study Area Number	MLB EUCL	SPA		ETS		LS		LT		TST			
Pennsylvania Tel. Co.	PA	170197	15	14	(C)	14	(C)	6		8		2			
Peoples Mutual Telephone Company, Inc.	VA	190244	15	4	|	4	|	1		3		1			
Peoples Rural Telephone Cooperative Corp.	KY	260415	15	14	|	14	|	4		10		1			
Peoples Telecommunications, LLC	KS	411814	15	14	|	14	|	8		8		1			
Peoples Telephone Company	TN	290576	15	15	(C)	15	(C)	1		8		1			
Peoples Telephone Company	IA	351273	15	20		20		7		10		2			
Peoples Telephone Company	MN	361453	15	10	(C)	10	(C)	1		8		1			
Peoples Telephone Company	OR	532391	15	20	|	20	|	7		8		1			
Peoples Telephone Company, Inc.	AL	250314	15	N/A	|	N/A	|	N/A	(C)	N/A	(C)	N/A	(C)		
Peoples Telephone Cooperative	TX	442130	15	5	|	5	|	3		1		1			
Perkinsville Telephone Company	VT	140062	15	15	(C)	15	(C)	1		11		1			
Perry-Spencer Rural Telephone Cooperative Inc. d/b/a PSC	IN	320807	15	14	(C)	14	(C)	4		9		1			
Phillips County Telephone Company	CO	462197	15	10	|	10	|	4		5		1			
Piedmont Rural Telephone Cooperative, Inc.	SC	240538	15	12	|	12	|	2		8		1			
Pierce Telephone Company	NE	371581	15	16	|	16	|	8		8		2			
Pigeon Telephone Company	MI	310721	15	14	|	14	|	8		10		2			
Pine Belt Telephone Company, Inc.	AL	250315	15	10	|	10	|	3		8		2			
Pine Drive Telephone Company	CO	462198	15	18	|	18	|	7		8		2			
Pine Island Telephone Company	MN	361454	15	N/A	|	N/A	|	N/A	(C)	N/A	(C)	N/A	(C)		
Pine Tel. Co.	OK	432017	15	37	|	37	|	8		10		2			
Pine Telephone System	OR	532392	15	43	|	43	|	1		11		2			
Pine Tree Telephone LLC	ME	100020	15	10	|	10	|	4		8		2			
Pineland Telephone Cooperative, Inc.	GA	220377	15	10	(C)	10	(C)	1		8		2			
Pineville Telephone Company	NC	230494	15	9		9		4		8		2			
Pinnacles Tel. Co.	CA	542346	15	28	(C)	28	(C)	8		10		2			
Pioneer Telephone Association, Inc.	KS	411817	15	N/A		N/A		N/A		N/A		N/A			
Pioneer Telephone Company	WA	522437	15	19	(C)	19	(C)	4		8		2			
Pioneer Telephone Cooperative	OR	532393	15	14	(C)	14	(C)	1		8		1			

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments						
Company Name	State	Study Area Number	MLB EUCL	SPA		ETS		LS	LT	TST
Pioneer Telephone Cooperative, Inc.	OK	432018	15	3	(C)	3	(C)	3	3	2
Plains Cooperative Telephone Assoc., Inc.	CO	462199	15	7	(C)	7	(C)	8	4	1
Plainview Telephone Company, Inc.	NE	371582	15	16		16		8	10	2
Plant Telephone Company	GA	220379	15	9	(C)	9	(C)	2	9	2
Planters Rural Telephone Cooperative, Inc.	GA	220378	15	13		13		1	10	1
Poka-Lambro Rural Telephone Cooperative, Inc.	TX	442131	15	11		11		8	9	2
Polar Communications Mutual Aid Corporation	ND	381630	15	24		24		7	10	2
Polar Communications Mutual Aid Corporation	ND	381614	15	9		9		5	8	2
Ponderosa Tel. Co.	CA	542332	15	20		20		4	10	1
Port Byron Telephone Company	NY	150118	15	10		10		1	5	1
Potlatch Telephone Company, Inc.	ID	472230	15	13		13		1	6	1
Pottawatomie Telephone Company	OK	432020	15	10		10		5	10	1
Prairie Grove Telephone Company	AR	401718	15	13	(C)	13	(C)	1	8	1
Prairie Telephone Company	IA	351344	15	20		20		8	10	2
Prairieburg Telephone Company, Inc.	IA	351275	15	22	(C)	22	(C)	8	9	2
Preston Telephone Company	IA	351276	15	16		16		8	8	2
Price County Telephone Company	WI	330937	15	14		14		1	9	1
Progressive Rural Tel. Coop., Inc.	GA	220380	15	13		13		4	8	2
Project Mutual Tel. Coop. Assn., Inc.	ID	472231	15	16		16		6	8	2
Project Telephone Company, Inc.	MT	482250	15	15		15		1	8	2
Public Service Telephone Company	GA	220381	15	8		8		2	8	2
Pulaski-White Rural Tel. Coop., Inc.	IN	320813	15	18		18		1	8	1
Pymatuning Independent Tel. Co.	PA	170200	15	12	(C)	12	(C)	5	8	2
Quincy Telephone Company	FL	210338	15	N/A		N/A		N/A	N/A	N/A
Quincy Telephone Company	GA	220338	15	N/A		N/A		N/A	N/A	N/A
Radcliffe Telephone Company, Inc.	IA	351277	15	16	(C)	16	(C)	8	10	1
Ragland Telephone Company	AL	250316	15	29		29		8	10	1
Rainbow Telecommunications Association, Inc.	KS	411820	15	15	(C)	15	(C)	8	8	2

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

Company Name	State	Study Area Number	MLB EUCL	Rate Band Assignments SPA	ETS	LS	LT	TST	
Randolph Telephone Membership Corporation d/b/a Randolph Communications	NC	230496	15	12	12	2	8	2	(T)
Range Telephone Cooperative, Inc.	MT	482251	15	12	12	3	8	2	
Range Telephone Cooperative, Inc.	WY	512251	15	16	16	1	8	2	
RC Technologies	SD	391674	15	17	17	1	8	2	
Readlyn Telephone Company	IA	351278	15	N/A	N/A	N/A	N/A	N/A	
Reasnor Telephone Company, Inc.	IA	350739	15	19	19	8	8	2	
Red River Rural Telephone Association d/b/a Red River Communications	ND	381631	15	14	14	6	8	1	
Redwood County Telephone Company	MN	361472	15	13	13	7	8	2	
Reservation Telephone Cooperative	ND	381632	15	11	11	5	8	1	
Reserve Telephone Company	LA	270438	15	9	9	4	4	1	
Reynolds Telephone Company	IL	341075	15	16	16	8	8	2	
Rice Belt Telephone Company	AR	401721	15	10	10	8	6	2	
Richland-Grant Telephone Cooperative, Inc.	WI	330942	15	16	16	1	10	2	
Richmond Telephone Company	MA	110037	15	18	18	8	10	2	
Rico Telephone Company	CO	462201	15	29	29	8	10	2	
Ridgeville Telephone Company	OH	300654	15	11	11	8	7	2	
Ridgeway Telephone Company, Inc.	SC	240541	15	N/A	N/A	N/A	N/A	N/A	
Ringgold Telephone Company	GA	220382	15	18	18	1	10	1	
Ringsted Telephone Company	IA	351280	15	28	28	8	10	2	
Rio Virgin Telephone Company, Inc.	NV	552356	15	11	11	1	7	1	
River Valley Telecommunications Coop.	IA	351189	15	14	14	8	8	2	
River Valley Telecommunications Coop.	IA	351284	15	9	9	8	8	2	
Riverside Telecom, Inc.	WI	330943	15	N/A	N/A	N/A	N/A	N/A	
Riviera Telephone Company, Inc.	TX	442134	15	23	23	8	10	2	
Roanoke Tel. Co., Inc.	AL	250317	15	18	18	1	8	1	
Rochester Telephone Company	IN	320815	15	13	13	1	10	1	
Rock County Tel. Co.	NE	371586	15	5	5	1	10	2	
Rock Port Telephone Company	MO	421942	15	11	11	4	8	2	
Rockwell Cooperative Telephone Association	IA	351282	15	33	33	8	10	2	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments									
Company Name	State	Study Area Number	MLB EUCL	SPA		ETS		LS		LT		TST	
Roggen Telephone Cooperative Company	CO	462202	15	15	(C)	15	(C)	1		6		2	
Ronan Tel Co.	MT	482252	15	N/A		N/A		N/A		N/A		N/A	
Roome Telecommunications, Inc.	OR	532375	15	16	(C)	16	(C)	8		7		1	
Roosevelt County Rural Telephone Coop., Inc.	NM	492272	15	21		21		8		10		2	
Rothsay Telephone Company, Inc.	MN	361474	15	11	(C)	11	(C)	8		8		2	
Royal Telephone Company	IA	351283	15	18	|	18	|	5		9		2	
RT Communications, Inc.	WY	512251	15	16	(C)	16	(C)	1		8		2	
Runestone Telephone Association d/b/a Runestone Telecom Association	MN	361423	15	21	(C)	21	(C)	8		10		2	
Runestone Telephone Association d/b/a Runestone Telecom Association	MN	361475	15	18		18		8		10		2	
Rural Telephone Company	ID	472233	15	31	(C)	31	(C)	8		10		2	
Rural Telephone Company	NV	552233	15	18	(C)	18	(C)	6		9		2	
Rural Telephone Service Company, Inc. d/b/a Nex-Tech	KS	411826	15	47	(C)	47	(C)	8		10		1	
Rye Telephone Company, Inc.	CO	462203	15	14	|	14	|	6		8		1	
S & A Telephone Co., Inc.	KS	411829	15	16	|	16	|	8		8		1	
S & T Telephone Cooperative Association	KS	411827	15	22	|	22	|	8		8		1	
S & W Telephone Company, Inc.	IN	320816	15	15	|	15	|	8		9		2	
Sac County Mutual Telephone Company	IA	351285	15	14	|	14	|	8		8		2	
Saco River Telephone LLC	ME	100022	15	N/A	(C)	N/A	(C)	N/A	(C)	N/A	(C)	N/A	(C)
Sacred Heart Telephone Company	MN	361476	15	20		20		8		10		2	
Sacred Wind Communications, Inc.	NM	493403	15	23	(C)	23	(C)	8		7		2	
Saddleback Communications	AZ	457991	15	9	|	9	|	4		7		2	
Salem Telephone Company	KY	260417	15	15	|	15	|	4		8		2	
Salina-Spavinaw Tel. Co.	OK	432022	15	9	|	9	|	7		5		1	
Saluda Mountain Telephone Company	NC	230498	15	10	|	10	|	1		5		2	
San Carlos Apache Telecommunications Utility, Inc.	AZ	452169	15	16	|	16	|	7		7		2	
Sand Creek Telephone Company	MI	310725	15	14	|	14	|	6		8		2	
Sandhill Telephone Cooperative, Inc.	SC	240546	15	8	|	8	|	1		8		1	
Sandwich Isles Communications, Inc.	HI	623021	15	47	|	47	|	8		11		2	
Santa Rosa Telephone Cooperative, Inc.	OK	432141	15	16	|	16	|	8		8		1	
Santa Rosa Telephone Cooperative, Inc.	TX	442141	15	4	|	4	|	8		11		1	
Santel Communications Cooperative, Inc.	SD	391676	15	15	|	15	|	1		10		1	
Scandinavia Telephone Company	WI	330945	15	15	(C)	15	(C)	5		8		2	

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments					
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST	
Schaller Tel. Co.	IA	351291	15	19	19	5	10	2	
Scio Mutual Telephone Company	OR	532397	15	18	18	1	8	1	
Scott County Telephone Company	AR	403031	15	38	38	8	11	2	
Scott County Telephone Cooperative, Inc.	VA	190248	15	11	11	1	10	2	
Scott Rice Telephone Company d/b/a Integra Telecom	MN	361479	15	9	9	1	8	2	
Scranton Telephone Company	IA	351294	15	19	19	8	8	2	
Searsboro Telephone Company	IA	351292	15	23	23	5	10	2	
Seneca Telephone Company	MO	421945	15	N/A	N/A	N/A	N/A	N/A	
Service Telephone Company	NC	230500	15	10	10	6	8	2	
Sharon Telephone Company	WI	330946	15	16	16	8	8	2	
Sharon Telephone Company	IA	351293	15	17	17	8	9	2	
Shawnee Telephone Company	IL	341025	15	34	34	8	10	2	
Shell Rock Communications, Inc.	IA	351295	15	16	16	6	8	2	
Shenandoah Telephone Company	VA	190250	15	6	6	1	7	2	
Shenandoah Telephone Company - NR	VA	197251	15	21	21	8	10	2	
Sherwood Mutual Telephone Association, Inc.	OH	300656	15	17	17	8	9	2	
Shiawassee Telephone Company	MI	310726	15	13	13	1	8	1	
Shidler Telephone Company	OK	432023	15	34	34	8	10	2	
Shoreham Telephone LLC	VT	140064	15	19	19	2	8	2	
Sierra Telephone Company, Inc.	CA	542338	15	19	19	4	10	1	(D)
Silver Star Telephone Company, Inc.	WY	512295	15	22	22	3	8	2	
Siren Telephone Company, Inc.	WI	330949	15	18	18	6	8	1	
Siskiyou Tel. Co.	CA	542339	15	39	39	3	10	2	
Skyline Telecom	UT	502283	15	7	7	4	4	2	
Skyline Telecom Company	WA	520581	15	36	36	8	11	2	
Skyline Telephone Membership Corp.	NC	230501	15	N/A	N/A	N/A	N/A	N/A	
Sledge Telephone Company, Inc.	MS	280466	15	26	26	8	9	2	
Sleepy Eye Telephone Company	MN	361483	15	13	13	2	6	1	
Smart City Telecommunications LLC d/b/a Smart City Telecom	FL	210330	15	N/A	N/A	N/A	N/A	N/A	
Smithville Communications, Inc. d/b/a Smithville Telephone Company	IN	320818	15	N/A	N/A	N/A	N/A	N/A	
Smithville Telephone Company, Inc.	MS	280467	15	12	12	8	8	2	
Sodtown Telephone Company	NE	371590	15	28	28	8	10	2	
Somerset Telephone Company	ME	100024	15	N/A	N/A	N/A	N/A	N/A	

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments									
Company Name	State	Study Area Number	MLB EUCL	SPA		ETS		LS		LT		TST	
Somerset Telephone Company, Inc.	WI	330951	15	10	(C)	10	(C)	2		7		2	
South Arkansas Tel. Co., Inc.	AR	401702	15	15	|	15	|	6		8		2	
South Canaan Telephone Company, Inc.	PA	170205	15	9	|	9	|	4		7		2	
South Central Communications, Inc.	IA	351888	15	10	(C)	10	(C)	4		8		1	
South Central Rural Tel. Coop. Corp., Inc.	KY	260418	15	N/A		N/A		N/A		N/A		N/A	
South Central Telephone Association, Inc.	KS	411831	15	13	(C)	13	(C)	6		6		2	
South Central Telephone Association, Inc.	OK	431831	15	30	|	30	|	6		6		2	
South Central Utah Tel. Assn., Inc.	UT	502286	15	9	|	9	|	1		6		1	
South Park Telephone Company	CO	462195	15	39	|	39	|	8		10		2	
South Plains Tel. Coop., Inc.	TX	442143	15	20	|	20	|	8		10		1	
South Slope Coop. Tel., Inc.	IA	351298	15	11	|	11	|	1		9		1	
South Slope Cooperative Telephone Company (Swisher)	IA	351304	15	7	|	7	|	2		8		1	
Southeast Mississippi Telephone Co.	MS	283301	15	10	(C)	10	(C)	1		5		1	
Southeast Nebraska Communications, Inc.	NE	371591	15	18		18		8		10		1	
Southeast Telephone Company of Wisconsin	WI	330952	15	15	(C)	15	(C)	1		8		1	
Southeastern Indiana Rural Telephone Cooperative, Inc.	IN	320819	15	13	(C)	13	(C)	3		5		2	
Southern Kansas Telephone Co., Inc.	KS	411833	15	14	|	14	|	1		10		1	
Southern Montana Telephone Company	MT	482254	15	43	|	43	|	8		10		2	
Southwest Arkansas Telephone Cooperative, Inc.	AR	401724	15	16	|	16	|	3		9		1	
Southwest Oklahoma Telephone Company	OK	432025	15	9	(C)	9	(C)	8		5		2	
Southwest Telephone Exchange, Inc.	IA	351301	15	20		20		8		10		2	
Southwest Texas Telephone Company	TX	442135	15	10	(C)	10	(C)	7		8		2	
Southwestern Telephone Company	AZ	452174	15	N/A	|	N/A	|	N/A	(C)	N/A	(C)	N/A	(C)
Spring Grove Communications	MN	361485	15	22	|	22	|	8		10		1	
Spring Valley Telephone Company, Inc.	WI	330953	15	24	|	24	|	7		8		1	
Springport Telephone Company	MI	310728	15	15	|	15	|	2		5		1	
Springville Coop. Tel. Assn., Inc.	IA	351302	15	13	|	13	|	8		8		2	
Spruce Knob Seneca Rocks Telephone Company	WV	200257	15	7	|	7	|	7		10		2	
SRT Communications, Inc.	ND	383303	15	7	(C)	7	(C)	1		6		2	
St. John Telephone, Inc.	WA	522442	15	6		6		8		3		2	
St. Paul Cooperative Telephone Association	OR	532396	15	15	(C)	15	(C)	8		8		2	
St. Stephen Telephone Company	SC	240544	15	10	(C)	10	(C)	1		3		1	

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments						
Company Name	State	Study Area Number	MLB EUCL	SPA		ETS		LS	LT	TST
Stanton Telecom Inc.	NE	371592	15	25	(C)	25	(C)	8	10	2
Star Tel. Membership Corp.	NC	230502	15	15	|	15	|	1	9	1
Star Telephone Company, Inc.	LA	270441	15	4	|	4	|	2	4	2
Starbuck Telephone Company	MN	361487	15	12	|	12	|	6	8	1
State Long Distance Telephone Company, LLC	WI	330955	15	15	|	15	|	1	8	2
State Telephone Company	NY	150125	15	9	|	9	|	2	7	2
Stayton Coop. Telephone Company	OR	532399	15	15	(C)	15	(C)	1	9	2
Steelville Telephone Exchange, Inc.	MO	421949	15	10		10		1	8	1
Stelle Telephone Company	IL	341092	15	21		21		8	10	2
Stockbridge & Sherwood Telephone Company	WI	330954	15	N/A		N/A		N/A	N/A	N/A
Stoneham Cooperative Telephone Company	CO	462206	15	32	(C)	32	(C)	8	10	1
Stoutland Telephone Company	MO	421951	15	10	(C)	10	(C)	1	5	2
Strasburg Telephone Company	CO	462207	15	N/A		N/A		N/A	N/A	N/A
Stratford Mutual Telephone Company	IA	351305	15	8	(C)	8	(C)	8	8	2
Sugar Valley Telephone Company	PA	170206	15	10	|	10	|	1	5	2
Sully Telephone Association	IA	351306	15	15	(C)	15	(C)	1	8	2
Summit Telephone and Telegraph Company of Alaska	AK	613028	15	29	(C)	29	(C)	8	10	1
Sunflower Telephone Company, Inc.	KS	411835	15	5	|	5	|	3	2	1
Sunflower Telephone Company, Inc.	CO	461835	15	11	|	11	|	4	6	1
Sunman Telecommunications Corporation	IN	320825	15	36	|	36	|	1	10	2
Superior Telephone Cooperative	IA	351307	15	23	|	23	|	8	10	2
Surry Telephone Membership Corporation	NC	230497	15	15	|	15	|	7	8	2
Surry Telephone Membership Corporation	NC	230503	15	13	|	13	|	2	8	2
Swayzee Telephone Company, Inc.	IN	320826	15	14	|	14	|	8	8	2
Sweetser Rural Telephone Company, Inc.	IN	320827	15	10	|	10	|	8	8	2
Sycamore Telephone Company	OH	300658	15	19	|	19	|	8	10	2
Table Top Telephone Company, Inc.	AZ	453334	15	17	|	17	|	8	8	1
Taconic Telephone Corp.	NY	150084	15	5	|	5	|	2	5	2
Tatum Telephone Company	TX	442150	15	9	|	9	|	8	6	1
Taylor Telephone Cooperative, Inc.	TX	442151	15	13	(C)	13	(C)	2	8	1
TCT West	WY	512296	15	N/A		N/A		N/A	N/A	N/A
TeleGuam Holdings, LLC	GU	663800	15	7	(C)	7	(C)	1	5	2
Telephone Service Company	OH	300659	15	8	(C)	8	(C)	2	8	2

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments					
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST	
Tellico Telephone Company, Inc.	TN	290578	15	N/A	N/A	N/A	N/A	N/A	
Templeton Telephone Company	IA	351308	15	12	12	8	8	2	
Tenino Telephone Company	WA	522446	15	18	18	8	8	1	
Tennessee Telephone Company	TN	290575	15	N/A	N/A	N/A	N/A	N/A	
Tenney Telephone Company	WI	330958	15	13	13	1	6	1	
Terral Telephone Company	OK	432029	15	31	31	4	10	2	
Terril Telephone Cooperative	IA	351309	15	20	20	5	10	2	
Thacker/Grigsby Telephone Company	KY	260419	15	11	11	2	8	2	
The Blair Telephone Company	NE	371524	15	11	11	1	5	1	
The Champaign Telephone Company	OH	300594	15	9	9	2	5	1	
The Citizens Telephone Company Of Kecksburg	PA	170156	15	9	9	3	8	2	
The Easton Telephone Company	MN	361384	15	N/A	N/A	N/A	N/A	N/A	
The North-Eastern Pennsylvania Telephone Company	PA	170191	15	10	10	2	8	2	
Three River Telco	NE	371525	15	12	21	8	10	1	
Tidewater Telecom, Inc.	ME	100003	15	4	4	3	8	2	
Tipton Telephone Company, Inc.	IN	320829	15	N/A	N/A	N/A	N/A	N/A	
Titonka Telephone Company d/b/a Titonka-Burt Communications	IA	351114	15	17	17	8	8	2	
Titonka Telephone Company d/b/a Titonka-Burt Communications	IA	351310	15	17	17	8	8	2	
Tohono O'Odham Utility Authority	AZ	452173	15	6	6	8	8	1	
Toledo Tel. Co., Inc.	WA	522447	15	25	25	8	10	1	
Tonica Telephone Company	IL	341086	15	18	18	8	8	2	
Topsham Tel. Co.	VT	140068	15	4	4	1	10	2	
Totah Communications, Inc.	KS	412030	15	26	26	4	10	1	
Totah Communications, Inc.	OK	432030	15	22	22	8	10	2	
Totelcom Communications, LLC	TX	442060	15	10	10	8	8	1	
Township Telephone Company, Inc.	NY	150129	15	15	15	1	9	1	
Trans-Cascade Telephone Company	OR	532378	15	36	36	1	10	1	
Trenton Telephone Company	GA	220389	15	10	10	2	8	1	
Triangle Telephone Cooperative Association, Inc.	MT	482257	15	20	20	2	10	2	(S)(x)
Triangle Telephone Cooperative Association, Inc. - CMC	MT	483310	15	32	32	3	10	2	(T)(M)
Tri-County Communications Cooperative, Inc.	WI	330960	15	19	19	3	8	1	
Tri-County Telephone Association, Inc.	KS	411839	15	32	32	7	10	1	
Tri-County Telephone Association, Inc.	WY	512296	15	N/A	N/A	N/A	N/A	N/A	
Tri-County Telephone Company, Inc.	IN	320830	15	N/A	N/A	N/A	N/A	N/A	
Tri-County Telephone Company, Inc.	AR	401726	15	10	10	4	10	1	
Tri-County Telephone Membership Corp.	NC	230505	15	23	23	3	10	2	

(x) All material coded with an "S" was originally filed under Transmittal No. 1472 on December 17, 2015 and became effective on January 1, 2016.

Certain material currently found on this page previously appeared on 40th Revised Page 17-47.

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments				
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST
Triotel Communications, Inc. – McCook	SD	391669	15	18	18	8	10	2
Triotel Communications, Inc. – Tri-County	SD	391682	15	28	28	8	10	2
Trumansburg Telephone Company, Inc.	NY	150131	15	11	11	2	8	1
Tularosa Basin Telephone Company, Inc.	NM	492265	15	10	10	1	8	2
Turtle Mountain Communications, Inc.	ND	381636	15	15	15	7	8	2
Twin Lakes Telephone Cooperative Corp.	TN	290579	15	13	13	1	7	2
Twin Valley Telephone, Inc.	KS	411840	15	32	32	8	10	2
Twin Valley-Ulen Telephone Company, Inc.	MN	361491	15	25	25	1	10	1
UBTA-UBET Communications, Inc. d/b/a Strata Networks	UT	502287	15	5	5	5	6	1
Union River Telephone Company	ME	100027	15	5	5	8	10	2
Union Springs Telephone Company, Inc.	AL	250322	15	15	15	1	8	2
Union Tel. Co.	NH	120049	15	N/A	N/A	N/A	N/A	N/A
Union Telephone Company	WI	330962	15	9	9	6	7	1
United Farmers Telephone Company	IA	351316	15	18	18	8	8	2
United Telephone Association, Inc.	KS	411841	15	11	11	3	7	1
United Telephone Company d/b/a United Communications	TN	290581	15	6	6	1	3	2
United Telephone Mutual Aid Corp.	ND	381636	15	15	15	7	8	2
Unitel, Inc.	ME	100029	15	15	15	4	10	1
Upper Peninsula Telephone Company	MI	310732	15	21	21	8	10	2
Upsala Cooperative Telephone Association	MN	361494	15	15	15	8	8	2
UTELCO, Inc.	WI	330963	15	N/A	N/A	N/A	N/A	N/A
Valley Telecomm Coop. Assn., Inc.	SD	391685	15	13	13	3	10	1
Valley Telephone Co., LLC	GA	220324	15	9	9	1	7	1
Valley Telephone Company	MN	361495	15	32	32	6	10	2
Valley Telephone Cooperative, Inc.	TX	442159	15	15	15	8	8	1
Valley Telephone Cooperative, Inc.	AZ	452176	15	16	16	8	8	2
Valley Telephone Cooperative, Inc.	NM	492176	15	13	13	8	6	2
Valliant Telephone Company	OK	432032	15	5	5	3	5	2
Van Buren Telephone Company, Inc.	IA	351319	15	13	13	7	8	2

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments				
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST
Van Horne Cooperative Telephone Company	IA	351320	15	10	10	6	8	2
Vanlue Telephone Company	OH	300662	15	15	15	8	10	2
Vaughnsville Telephone Company	OH	300663	15	32	32	8	10	2
Ventura Telephone Company, Inc.	IA	351322	15	16	16	8	8	1
Venture Communications Cooperative	SD	391680	15	10	10	1	8	2
Venture Communications Cooperative	SD	391688	15	29	29	8	10	2
Venus Telephone Corporation	PA	170210	15	9	9	7	9	2
Vermont Telephone Co., Inc.	VT	147332	15	27	27	1	10	2
Vernon Communications Cooperative	WI	330966	15	21	21	4	10	1
Vernon Telephone Company, Inc.	NY	150133	15	10	10	3	5	2
Villisca Farmers Telephone Company	IA	351324	15	30	30	8	10	2
Viola Home Telephone Company	IL	341087	15	15	15	8	8	2
Virginia Telephone Company	VA	190253	15	N/A	N/A	N/A	N/A	N/A
Volcano Tel. Co.	CA	542343	15	6	6	6	4	1
Wabash Mutual Telephone Company	OH	300664	15	16	16	8	8	2
Wabash Telephone Cooperative, Inc.	IL	341088	15	25	25	3	10	2
Waitsfield-Fayston Telephone Co., Inc.	VT	140069	15	23	23	4	10	1
Waldron Telephone Company	MI	310734	15	12	12	8	8	2
Walnut Hill Telephone Company	AR	401729	15	11	11	4	8	2
Walnut Telephone Company	IA	351326	15	16	16	8	10	1
Wamego Telephone Company	KS	411845	15	20	20	8	10	2
War Telephone LLC	WV	200258	15	11	11	1	8	1
Warren Telephone Company	ME	100031	15	10	10	2	5	1
Washington County Rural Tel. Coop., Inc.	IN	320834	15	12	12	1	10	1
Waunakee Telephone Company	WI	330968	15	N/A	N/A	N/A	N/A	N/A
Wauneta Telephone Company	NE	371597	15	13	13	8	10	2
Waverly Hall Telephone, L.L.C.	GA	220392	15	12	12	2	9	2
Webb-Dickens Telephone Corporation	IA	351327	15	20	20	8	10	1
Webster-Calhoun Coop. Tel. Assn.	IA	351328	15	5	5	5	8	1
Wellman Cooperative Telephone Association	IA	351329	15	19	19	8	9	1
West Carolina Rural Telephone Cooperative, Inc.	SC	240550	15	7	7	1	8	1

Certain material formerly found on this page now appears on 36th Revised Page 17-78.

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments					
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST	
West Central Telephone Association	MN	361501	15	19	19	1	10	1	
West Iowa Telephone Company d/b/a WesTel Systems	IA	351331	15	12	12	5	8	2	
West Kentucky Rural Telephone Cooperative Corporation, Inc.	KY	260421	15	16	16	1	8	2	
West Kentucky Rural Telephone Cooperative Corporation, Inc.	TN	290598	15	17	17	8	8	2	
West Liberty Telephone Company	IA	351332	15	9	9	8	7	1	
West Penobscot Telephone & Telegraph Company	ME	100034	15	15	15	1	10	1	
West Plains Telecommunications, Inc.	TX	442071	15	9	9	8	7	2	
West Point Telephone Company, Inc.	IN	320837	15	14	14	8	8	2	
West River Cooperative Telephone Company	SD	391689	15	18	18	2	10	2	
West River Telecommunications Cooperative	ND	381637	15	16	16	1	8	1	
West River Telecommunications Cooperative (Mobridge)	SD	391671	15	9	9	2	7	2	
West Side Telephone Company	PA	170277	15	28	28	8	10	1	
West Side Telephone Company	WV	200277	15	10	10	8	7	1	
West Tennessee Tel. Co., Inc.	TN	290583	15	23	23	3	10	1	
West Texas Rural Tel. Coop., Inc.	TX	442166	15	16	16	8	10	1	
West Wisconsin Telcom Coop., Inc.	WI	330971	15	6	6	6	4	2	
Western Iowa Telephone Association	IA	351334	15	15	15	8	8	2	
Western New Mexico Telephone Company, Inc.	NM	492268	15	20	20	1	10	2	
Western Telephone Company	MN	361502	15	9	9	4	7	2	
Western Wahkiakum County Telephone Company	WA	522451	15	17	17	8	7	2	
Wes-Tex Telephone Cooperative, Inc.	TX	442168	15	14	14	1	6	1	(M)
Westgate Communications LLC d/b/a WeavTel	WA	520580	15	31	31	8	10	2	
Westphalia Telephone Company	MI	310735	15	14	14	8	8	2	
Westside Independent Telephone Company	IA	351335	15	20	20	8	10	2	
Wheat State Telephone Company	KS	411847	15	16	16	8	6	2	
Whidbey Telephone Company	WA	522452	15	36	36	3	10	1	
Wiggins Telephone Association	CO	462209	15	15	15	3	8	1	
Wikstrom Telephone Company, Inc.	MN	361505	15	20	20	6	10	2	
Wilderness Valley Telephone Company, Inc.	MN	361348	15	25	25	8	10	2	
Wilkes Telephone & Electric Company, Inc.	GA	220394	15	8	8	2	8	2	
Wilkes Telephone Membership Corp.	NC	230510	15	20	20	1	10	2	
Willard Telephone Company	CO	462210	15	28	28	8	10	2	

Certain material currently found on this page previously appeared on 43rd Revised Page 17-77.

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17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments									
Company Name	State	Study Area Number	MLB EUCL	SPA		ETS		LS		LT		TST	
Williston Telephone Company	SC	240551	15	N/A	(C)	N/A	(C)	N/A	(C)	N/A	(C)	N/A	(C)
Wilson Tel. Co., Inc.	KS	411849	15	26	|	26	|	8		10		1	
Wilton Tel. Co.	NH	120050	15	N/A	|	N/A	|	N/A	(C)	N/A	(C)	N/A	(C)
Wilton Telephone Company	IA	351336	15	10	|	10	|	8		8		2	
Winn Telephone Company	MI	310737	15	8	|	8	|	8		6		2	
Winnebago Cooperative Telecom Association	IA	351337	15	10	|	10	|	5		10		1	
Winnebago Cooperative Telecom Association	MN	361337	15	10	|	10	|	6		8		1	
Winsted Tel. Co.	MN	361507	15	15	|	15	|	5		7		2	
Winterhaven Telephone Company	CA	542323	15	10	|	10	|	6		5		2	
Winthrop Telephone Company	MN	361508	15	13	|	13	|	8		8		2	
Wittenberg Telephone Company	WI	330973	15	16	|	16	|	6		8		1	
Wolverine Telephone Company	MI	310738	15	13	(C)	13	(C)	1		8		1	
Wolverton Telephone Company	MN	361512	15	20		20		8		10		2	
Wolverton Telephone Company	ND	381509	15	26	(C)	26	(C)	8		10		1	
Wood County Telephone Company	WI	330974	15	19	|	19	|	6		10		1	
Woodhull Telephone Company	IL	341091	15	25	|	25	|	6		10		2	
Woodstock Telephone Company	MN	361510	15	25	|	25	|	5		10		1	
Woolstock Mutual Telephone Association	IA	351342	15	23	(C)	23	(C)	8		10		2	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.5 Rate Tables (Cont'd)

17.5.1 Multiline Business End User Common Line (MLB EUCL), Special Access (SPA), Ethernet Transport Service (ETS), Local Switching (LS), Local Transport (LT), and Tandem Switched Transport (TST) Rate Bands (Cont'd)

				Rate Band Assignments				
Company Name	State	Study Area Number	MLB EUCL	SPA	ETS	LS	LT	TST
Wyandotte Tel. Co.	OK	432034	15	10	10	2	5	1
Wyoming Mutual Telephone Company	IA	351343	15	23	23	8	9	2
XIT Rural Telephone Cooperative, Inc.	TX	442170	15	5	5	8	3	1
Yadkin Valley Telephone Membership Corp.	NC	230511	15	N/A	N/A	N/A	N/A	N/A
YCOM Networks, Inc.	WA	522453	15	4	4	2	2	1
Yelcot Telephone Company	AR	401733	15	9	9	5	8	1
Yeoman Telephone Company, Inc.	IN	320839	15	18	18	8	9	2
Yukon Telephone Company, Inc.	AK	613025	15	16	16	8	8	2
Yukon-Waltz Telephone Company	PA	170215	15	16	16	6	7	2
Zenda Telephone Company, Inc.	KS	411852	15	16	16	8	6	2
Zumbrota Telephone Company	MN	361515	15	10	10	6	8	1

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6 DSL Access Services Availability

(A) The Telephone Companies listed below offer DSL Access Services under the provisions specified in Sections 8.1 and/or 8.2, preceding, for ADSL and SDSL Access Services and/or in Section 8.5, preceding, for the DSL Access Services Wholesale Pricing Plan (i.e., WPP).

			Rate Band Assignment					Pricing Option		
			Line Charges				Study Area			
Company Name	State	Study Area Number	A/SDSL Voice-Data		A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP	
3 Rivers Telephone Cooperative, Inc.	MT	482255	18	(C)	13	(C)	1	X	X	(D) (D)
Adak Eagle Enterprises, LLC d/b/a Adak Telephone Utility	AK	610989	20	(C)	47	(C)	1		X	
Agate Mutual Telephone Cooperative Association	CO	462178	17		44	(C)	1	X	X	
Alaska Telephone Company	AK	613017	20	(C)	28	(C)	1	X	X	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option	
			Line Charges		Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP
Albion Telephone Company d/b/a ATC Communications	ID	472213	17	16	1	X	X
Alenco Communications, Inc.	TX	442090	9	28	1	X	X
All West Communications, Inc.	UT	502288	9	16	1	X	X
All West Communications, Inc.	WY	512290	10	13	1	X	X
Allband Communications Cooperative	MI	310542	20	47	1	X	X
Alliance Communications Cooperative, Inc. - Baltic	SD	391642	6	13	1	X	X
Alliance Communications Cooperative, Inc. - IA	IA	351405	8	14	1	X	X
Alliance Communications Cooperative, Inc. - MN	MN	361405	6	14	1	X	X
Alliance Communications Cooperative, Inc. - SD	SD	391405	6	13	1	X	X
Alliance Communications Cooperative, Inc. - Splitrock	SD	391657	4	11	1	X	X
Alma Communications Company d/b/a Alma Telephone Company	MO	421860	20	27	1		X
American Samoa Telecommunications Authority	AS	673900	17	10	1		X
Arcadia Telephone Cooperative	IA	351098	10	12	1	X	X
Arctic Slope Tel. Assn. Coop., Inc.	AK	613001	18	19	1		X

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

Company Name	State	Study Area Number	Rate Band Assignment: Line Charges: A/SDSL Voice-Data	A/SDSL Data-Only		Study Area: DSL WPP Term Plan	Pricing Option: Retail	WPP
Arkwest Communications, Inc.	AR	401734	15	13		1	X	X
Armstrong Tel. Co.	WV	200267	17	11		1	X	X
Armstrong Tel. Co. – NY	NY	150071	20	14		1	X	X
Armstrong Tel. Co. of West Virginia	WV	200256	18	15		1	X	X
Armstrong Telephone Company North	PA	170195	11	11		1	X	X
Armstrong Telephone Company of MD	MD	180216	20	16	(C)(x)	1	X	X
Atkins Telephone Company, Inc.	IA	351101	10	10		1	X	X
Atlas Telephone Company	OK	431966	20	47		1	X	
Ayrshire Farmers Mutual Telephone Company	IA	351105	11	20		1	X	X
Baca Valley Telephone Company	NM	492259	17	47		1	X	X
Baldwin Nashville Telephone Company, Inc.	IA	351107	11	12		1	X	X

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment					Pricing Option	
			Line Charges				Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data		A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP
Ballard Rural Tel. Coop. Corp., Inc.	KY	260396	10		14		1		X
Barnes City Coop. Telephone Company	IA	351108	20		16		1	X	X
Bay Springs Telephone Company, Inc.	MS	280446	17		14		1	X	X
Bear Lake Communications	UT	503032	18		15		1	X	X
Beaver Creek Coop. Tel. Co.	OR	532359	6		11		1	X	X
Beehive Telephone Co., Inc., Nevada	NV	552284	7		44		1		X
Beehive Telephone Company, Inc.	UT	502284	17		33		1		X
Beggs Telephone Company	OK	431968	5		9		1	X	
BEK Communications Cooperative	ND	381604	20		19		1		X
Belmont Telephone Co.	WI	330847	8	(C)	7	(C)	1		X
Benkelman Telephone Company, Inc.	NE	372455	20		26		1	X	X

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment				Pricing Option	
			Line Charges			Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP
Beresford Municipal Telephone Company	SD	391649	10	9		1		X
Big Bend Telephone Company, Inc.	TX	442039	14	14		1	X	X
Bijou Telephone Cooperative Association, Inc.	CO	462181	7	16		1	X	X
Blanca Telephone Company	CO	462182	17	40		1	X	X
Blanchard Telephone Co.	MI	310678	11	9		1	X	X
Bledsoe Tel. Coop.	TN	290554	10	8	(C)(x)	1		X
Bloomingdale Home Telephone Company, Inc.	IN	320742	14	21	(C)(x)	1	X	X
Bloomingdale Telephone Company	MI	310679	8	9	(C)(x)	1		X
Blossom Telephone Company	TX	442038	17	27		1		X

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment				Pricing Option	
			Line Charges			Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP
Blue Valley Tele-Communications, Inc.	KS	411746	19	36		1	X	X
Border to Border Communications, Inc.	TX	442073	21	47		1	X	X
BPS Telephone Company	MO	420463	8	12		1		X
Brandenburg Telephone Company	KY	260398	11	9		1	X	X
Brantley Telephone Company, Inc.	GA	220347	14	16		1	X	X
Brazoria Telephone Company	TX	442040	22	47		1	X	X
Breda Telephone Corporation	IA	351112	11	12		1		X
Bristol Bay Tel. Coop., Inc.	AK	613003	4	15		1	X	
Brooklyn Mutual Telephone Company	IA	351113	10	8	(C)(x)	1	X	X
Bruce Telephone Company, Inc.	MS	280447	13	13		1	X	X

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option	
			Line Charges		Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP
Buckland Telephone Company	OH	300591	20	18	1	X	
Bulloch County Rural Telephone Coop., Inc.	GA	220348	14	12	1	X	X
Burke's Garden Telephone Company, Inc.	VA	190220	14	13	1	X	X
Bush-Tel, Inc.	AK	613004	17	47	1		X
Calaveras Tel. Co.	CA	542301	11	19	1		X
Callaway Telephone Exchange	MN	361365	15	15	1	X	X
Cal-Ore Telephone Co.	CA	542311	21	26	1		X
Cambridge Telephone Company	NE	371526	20	28	1		X
Cambridge Telephone Company, Inc.	ID	472215	17	14	1	X	X
Cameron Telephone Company	LA	270425	14	17	1	X	X
Cameron Telephone Company	TX	440425	7	13	1	X	X
Canadian Valley Telephone Company	OK	431974	20	28	1	X	X
Cap Rock Telephone Cooperative	TX	442046	12	14	1	X	X

Certain material formerly found on this page now appears on 14th Revised Page 17-81.1.2.

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option	
			Line Charges		Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP
Carnegie Telephone Company	OK	431976	15	14	1		X
Cascade Communications Company	IA	351118	9	11	1		X
Cascade Utilities, Inc.	OR	532371	4	8	1	X	X
Casey Mutual Telephone Company	IA	351119	12	12	1	X	X
Cassadaga Telephone Corporation	NY	150076	10	10	1	X	X
Castleberry Telephone Company, Inc.	AL	250285	12	11	1	X	X
Center Junction Telephone Company	IA	351121	16	15	1	X	X
Central Arkansas Tel. Coop., Inc.	AR	401697	6	12	1	X	X
Central Oklahoma Telephone Co., L.L.C.	OK	431977	4	23	1		X
Central Scott Telephone	IA	351125	9	9	1	X	X
Central Texas Tel. Co-op., Inc.	TX	442052	18	18	1	X	X
Central Utah Telephone, Inc.	UT	502277	21	21	1	X	X

Certain material formerly found on this page now appears on 52nd Revised Page 17-87.1 for Triangle Telephone Cooperative Association, Inc. – CMC.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment				Pricing Option	
			Line Charges			Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data		A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP
Champlain Tel. Co.	NY	150077	13		10	1	X	X
Chequamegon Communications Cooperative, Inc.	WI	330860	4		15	1		X
Cherokee Telephone Company	OK	431979	18		17	1	X	
Cheyenne River Sioux Tribal Telephone Authority	SD	391647	15		23	1	X	X
Chickamauga Telephone Corporation	GA	220354	5	(C)	14	1		X
Choctaw Telephone Company	MO	421893	11		12	1		X
Chugwater Tel. Co.	WY	512289	16		22	1	X	X
Churchill County Telephone & Telegraph System d/b/a CC Communications	NV	552349	11		12	1	X	X

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment					Pricing Option	
			Line Charges				Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data		A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP
Cimarron Telephone Company	OK	431982	10	(C)	14	(C)	1	X	X
Citizens Mutual Telephone Cooperative	IA	351129	16	(C)	15	(C)	1		X
Citizens Tel. Co. of Hammond, New York, Inc.	NY	150081	20	(C)	19	(C)	1	X	X
Citizens Telephone Company	MO	421865	12		11		1		X
Citizens Telephone Company, Inc.	GA	220355	6		10		1	X	X
Citizens Telephone Cooperative	VA	190225	9	(C)	9	(C)	1	X	X
Citizens Telephone Cooperative, Inc.	WI	330863	5	(C)	31	(C)	1	X	X
City of Barnesville Telephone Utility	MN	361353	9	(C)	9	(C)	1	X	X
City of Faith Municipal Tel. Co.	SD	391653	14	(C)	13	(C)	1		X

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment					Pricing Option		
			Line Charges				Study Area			
Company Name	State	Study Area Number	A/SDSL Voice-Data		A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP	
Clarence Telephone Company, Inc.	IA	351130	11		16		1	X	X	
Clarks Telecommunications Co.	NE	371531	5		26		1	X	X	
Clay County Rural Telephone Cooperative, Inc. d/b/a Endeavor Communications	IN	320753	4	(C)(x)	13	(C)(x)	1		X	
Clear Creek Mutual Tel. Co.	OR	532363	16		14		1	X	X	
Clear Lake Independent Tel. Co.	IA	351132	15		12		1		X	
Clements Tel. Co.	MN	361372	17		16		1	X	X	
C-M-L Telephone Cooperative Association	IA	351133	10		12		1	X	X	(M)
Cochrane Cooperative Telephone Company	WI	330866	16		23		1		X	
Coleman County Telephone Cooperative, Inc.	TX	442057	21		31		1	X	X	
Colo Telephone Company	IA	351134	18		18		1	X	X	

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Certain material currently found on this page previously appeared on 15th Revised Page 17-80.1.5.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

Company Name	State	Study Area Number	Rate Band Assignment: Line Charges: A/SDSL Voice-Data	A/SDSL Data-Only		Study Area: DSL WPP Term Plan	Pricing Option: Retail	Pricing Option: WPP
Communications 1 Network, Inc.	IA	351262	14	16		1	X	X
Community Telephone Company	TX	442061	18	23		1		X
ComSouth Telecommunications, Inc.	GA	220369	14	12		1		X
Conneaut Telephone Company	OH	300606	8	10	(C)(x)	1	X	X
Consolidated Telco, Inc.	NE	371530	11	12		1		X
Consolidated Telcom	ND	381607	18	19		1	X	X
Consolidated Telecom, Inc.	NE	371562	9	47		1		X
Consolidated Telephone Company	NE	371532	7	15		1		X

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment				Pricing Option	
			Line Charges			Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP
Coon Valley Coop. Telephone Association, Inc.	IA	351137	10	12		1	X	X
Cooperative Telephone Company	IA	351139	10	11		1	X	X
Copper Valley Telephone Cooperative, Inc.	AK	613006	13	37		1	X	X
Copper Valley Telephone, Inc.	AZ	452176	9	19	(C)(x)	1		X
Cordova Telephone Cooperative, Inc.	AK	613007	18	24		1	X	X
Corn Belt Telephone Company	IA	351141	11	11		1	X	X
Council Grove Telephone Company	KS	411758	18	33		1	X	X
Cozad Telephone Company	NE	371534	20	27		1	X	X
Craigville Telephone Company, Inc.	IN	320756	8	10		1		X
Craw-Kan Telephone Coop., Inc.	KS	411818	13	18		1	X	X
Craw-Kan Telephone Coop., Inc.	MO	421759	9	15		1	X	X
Crockett Tel. Co., Inc.	TN	290561	15	9		1	X	X
Cross Tel. Co.	OK	431985	18	21		1		X
Crossville Telephone Company	IL	340993	13	13		1	X	

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Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option		
			Line Charges		Study Area			
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP	
Cuba City Telephone Exchange Company, Inc.	WI	330872	9	6	1		X	
Cumberland Telephone Company	IA	351146	19	14	1	X	X	
Cumby Telephone Cooperative, Inc.	TX	442065	3	10	1	X	X	
Cunningham Tel. Co., Inc.	KS	411761	4	39	1	X	X	(T)
Curtis Telephone Company	NE	371536	4	13	1	X	X	
Custer Telephone Cooperative, Inc.	ID	472218	11	47	1	X	X	
Dakota Central Telecom I, Inc.	ND	381610	17	14	1	X	X	
Dakota Central Telecommunications Cooperative	ND	381610	17	14	1		X	
Dalton Telephone Company	NE	371537	14	10	1	X	X	
Danville Mutual Telephone Company	IA	351147	10	10	1	X	X	
Darien Telephone	GA	220358	5	15	1		X	
Daviess-Martin County Rural Tel. Corp. d/b/a RTC Communications	IN	320759	4	17	1	X	X	
Decatur Telephone Company, Inc.	MS	280451	10	10	1	X	X	
DeKalb Telephone Cooperative, Inc.	TN	290562	6	9	1	X	X	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment					Pricing Option	
			Line Charges				Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data		A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP
Delcambre Telephone Company	LA	270428	9		9	(C)	1	X	X
Delhi Telephone Company	NY	150088	14	(C)	12		1		X
Dell Telephone Co-Operative, Inc.	TX	442066	17		47		1		X
Dell Telephone Co-Operative, Inc.	NM	492066	20		40		1		X
Delta Telephone Company, Inc.	MS	280452	7		11		1	X	X
Dickey Rural Telephone Cooperative	ND	381611	11		14		1	X	X
Diller Telephone Co.	NE	371540	20	(C)	34	(C)	1	X	X
Direct Communications Cedar Valley, LLC	UT	500758	8	(C)	13	(C)	1	X	X
Direct Communications Rockland, Inc.	ID	472232	22	(C)	19	(C)	1		X
Dixville Telephone Company	NH	120042	20		14		1	X	
Dubois Telephone Exchange, Inc.	WY	512291	16		17		1	X	X
Ducor Tel. Co.	CA	542313	17	(C)	26	(C)	1		X

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment				Pricing Option	
			Line Charges			Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP
Dumont Telephone Company	IA	351152	6	7		1	X	X
Dunbarton Telephone Company	NH	120043	9	9		1		X
Dunkerton Telephone Cooperative	IA	351153	9	9		1	X	X
Dunkirk & Fredonia Telephone Company	NY	150091	14	8		1	X	X
Dunnell Telephone Company	MN	361381	20	22		1	X	X
Duo County Tel. Coop., Inc.	KY	260401	12	12	(C)(x)	1	X	X
E. Ritter Tel. Co.	AR	401722	16	13		1		X
E.N.M.R. Tel. Cooperative, Inc.	TX	442262	18	26		1	X	X
E.N.M.R. Tel. Cooperative, Inc.	NM	492262	18	27		1	X	X
Eagle Telephone System, Inc.	OR	532369	20	31		1		X
East Otter Tail Telephone Company	MN	361385	10	8	(C)(x)	1	X	X
Eastern Nebraska Tel. Co.	NE	371542	12	8	(C)(x)	1	X	X
Eastern Slope Rural Telephone Assn., Inc.	CO	462186	6	14		1		X
Eastex Telephone Cooperative, Inc.	TX	442068	23	47		1	X	X

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option	
			Line Charges		Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP
Electra Telephone Company	TX	442069	10	14	1		X
Elizabeth Telephone Company	LA	270430	13	18	1	X	X
Elkhart Telephone Co., Inc.	KS	411764	17	38	1	X	X
Ellerbe Telephone Company, Inc.	NC	230478	11	9	1		X
Ellington Telephone Company	MO	421874	18	19	1	X	X
Ellsworth Coop. Telephone Association	IA	351157	11	11	1	X	X
Elsie Communications, Inc.	NE	371518	17	24	1		X
Empire Telephone Corporation	NY	150093	8	7	1		X
Farber Telephone Company	MO	421876	20	43	1	X	X
Farmers & Merchants Mutual Telephone Company	IA	351166	8	11	1		X
Farmers Coop. Telephone Company	IA	351162	10	11	1	X	X

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option	
			Line Charges		Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP
Farmers Mutual Coop. Telephone Company	IA	351168	10	13	1	X	X
Farmers Mutual Coop. Telephone Company	IA	351169	9	16	1	X	X
Farmers Mutual Cooperative Telephone Company	IA	351149	11	15	1	X	X
Farmers Mutual Cooperative Telephone Company	IA	351235	10	11	1	X	X
Farmers Mutual Telephone Company	OH	300612	20	22	1	X	X
Farmers Mutual Telephone Company	IA	351171	9	8	1	X	X
Farmers Mutual Telephone Company	IA	351172	17	18	1	X	X
Farmers Mutual Telephone Company	IA	351173	9	9	1	X	X
Farmers Mutual Telephone Company	IA	351174	14	16	1	X	X
Farmers Mutual Telephone Company	ID	472221	16	14	1	X	X
Farmers Mutual Telephone Company of Chapin d/b/a Chapin Tel. Co.	MI	310694	11	11	1		X
Farmers Telecommunications Cooperative, Inc.	AL	250290	10	13	1		X
Farmers Telephone Company	IA	351175	9	14	1	X	X
Farmers Telephone Company - Essex	IA	351176	13	12	1		X
Farmers Telephone Company - Riceville	IA	351177	8	8	1		X
Farmers Telephone Company, Inc.	CO	462188	16	24	1	X	X

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option	
			Line Charges		Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP
Fenton Co-op. Telephone Company	IA	351179	10	12	1		X
Fidelity Telephone Company	MO	421882	15	24	1	X	X
Filer Mutual Telephone Company	ID	472220	18	19	1	X	X
Filer Mutual Telephone Company	NV	552220	14	7	1	X	X
Fishers Island Telephone Corp.	NY	150095	17	11	1		X
Five Area Telephone Co-operative, Inc.	TX	442071	15	20	1		X
Foothills Rural Telephone Coop. Corp.	KY	260406	18	15	1	X	X
Foresthill Tel. Co., Inc. d/b/a Sebastian	CA	542318	16	25	1		X
Fort Mojave Telecommunications, Inc.	AZ	452200	20	18	1	X	X
Franklin Telephone Company	VT	140053	9	10	1	X	X
Franklin Telephone Company, Inc.	MS	280454	9	13	1	X	X
Fremont Telcom Co.	ID	472222	14	14	1	X	X
Fulton Telephone Company, Inc.	MS	280455	5 (C)	4	1		X

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option		
			Line Charges		Study Area			
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP	
Ganado Telephone Company, Inc.	TX	442076	9	19	1	X	X	(T)
Georgetown Telephone Company	MS	280456	18	31	1	X	X	
Germantown Telephone Company, Inc.	NY	150097	8	9	1	X	X	
Gila River Telecommunications, Inc.	AZ	452179	20	27	1	X	X	
Glasford Telephone Company	IL	341017	12	9	1	X	X	
Glenwood Network Services, Inc.	NE	371567	12	7	1	X	X	
Glenwood Telephone Company	GA	220365	17	21	1		X	
Glenwood Telephone Membership Corporation	NE	371553	18	16	1		X	
Golden Belt Telephone Association, Inc.	KS	411777	14	17	1	X	X	
Golden West Telecommunications Cooperative, Inc.	SD	391659	14	17	1		X	
Golden West Telecommunications Cooperative, Inc. - Armour	SD	391640	11	11	1		X	
Golden West Telecommunications Cooperative, Inc. - Kadoka	SD	391667	8	18	1		X	
Golden West Telecommunications Cooperative, Inc. - Sioux Valley	SD	391677	9	10	1		X	
Golden West Telecommunications Cooperative, Inc. - Union	SD	391684	10	16	1	X	X	
Golden West Telecommunications Cooperative, Inc. - Vivian	SD	391686	10	12	1	X	X	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

Company Name	State	Study Area Number	Rate Band Assignment: Line Charges: A/SDSL Voice-Data		A/SDSL Data-Only		Rate Band Assignment: Study Area: DSL WPP Term Plan	Pricing Option: Retail	Pricing Option: WPP	
Goldfield Telephone Company	IA	351188	11	(C)	12	(C)	1	X	X	
Goodman Telephone Company	MO	421886	20		18		1	X	X	
Gorham Telephone Company, Inc.	KS	411778	9		26		1		X	
Granby Telephone Company	MO	421887	8	(C)	18	(C)	1	X	X	
Grand Mound Coop. Telephone Association	IA	351191	10	(C)	10	(C)	1	X	X	
Grand River Mutual Telephone Company	IA	351888	12		14	(C)	1	X	X	
Grand River Mutual Telephone Company	MO	421888	13	(C)	15	(C)	1	X	X	
Grand Telephone Company, Inc.	OK	431994	13	(C)	13	(C)	1		X	(D) (D)
Griggs County Telephone Co.	ND	381615	13	(C)	12	(C)	1	X	X	
Griggs County Telephone Co. (Moore & Liberty)	ND	381622	11	(C)	11	(C)	1	X	X	
Griswold Co-Op Telephone Company	IA	351195	6	(C)	14	(C)	1	X	X	

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment				Pricing Option	
			Line Charges			Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP
Guadalupe Valley Tel. Co-op, Inc.	TX	442083	7	10	(C)	1	X	X
Gunnison Telephone Company	UT	502279	11	9		1	X	X
H & B Communications, Inc.	KS	411781	20	26		1		X
Hamilton County Telephone Co-Op	IL	341024	10	12		1		X
Hancock Rural Telephone Corporation d/b/a NineStar Connect	IN	320775	19	24		1		X
Hancock Telephone Company	NY	150099	13	8		1	X	X
Hardy Telecommunications, Inc.	WV	200259	17	14		1		X
Hart Telephone Company	GA	220368	10	11		1	X	X

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment				Pricing Option	
			Line Charges			Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP
Hartington Telecommunications Co., Inc.	NE	371556	14	16		1	X	X
Hartman Telephone Exchanges, Inc.	NE	371557	20	35		1	X	X
Haviland Tel. Co., Inc.	KS	411780	14	12		1	X	X
Hawkeye Telephone Company	IA	351199	11	13		1	X	X
Haxtun Telephone Company	CO	462190	18	15		1		X
Hayneville Telephone Company, Inc.	AL	250299	14	10	(C)(x)	1	X	X
Helix Telephone Company	OR	532376	12	18		1	X	X
Hemingford Cooperative Telephone Company	NE	371558	20	18		1		X
Henderson Co-Op Telephone Company	NE	371559	16	15		1	X	X
Hiawatha Telephone Company	MI	310713	10	10		1	X	X
Highland Telephone Company, Inc.	TN	290565	12	8		1	X	X
Highland Telephone Cooperative	VA	190237	9	12		1		X

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option		
			Line Charges		Study Area			
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP	
Hill Country Telephone Co-Operative, Inc.	TX	442086	13	17	1		X	
Hinton Tel. Co. of Hinton OK, Inc.	OK	431995	18	16	1		X	
Holway Telephone Company	MO	421929	15	10	1		X	
Home Tel. Co	MN	361408	14	11	1	X	X	
Home Telephone Co.	IL	341032	13	47	1		X	
Home Telephone Company, Inc.	KS	411782	18	37	1		X	
Hood Canal Telephone Co.	WA	522419	17	38	1	X	X	
Hooper Tel. Co.	NE	371563	8	10	1	X	X	
Hopi Telecommunications, Inc.	AZ	450815	16	16	1		X	
Hospers Telephone Exchange, Inc.	IA	351202	9	11	1	X	X	
Hot Springs Telephone Company	MT	482241	17	15	1	X	X	
Hubbard Cooperative Telephone Association	IA	351203	12	11	1	X	X	
Humboldt Telephone Company	NV	553304	18	33	1	X	X	(C)
Huxley Communications Cooperative	IA	351205	9	9	1	X	X	
Iamo Telephone Company	IA	351206	20	18	1	X	X	

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option	
			Line Charges		Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP
Iamo Telephone Company	MO	421206	20	18	1	X	X
Industry Telephone Company	TX	442093	18	23	1	X	X
Inland Telephone Company	ID	472423	12	17	1		X
Inland Telephone Company	WA	522423	16	11	1		X
Interbel Tel. Coop., Inc.	MT	482242	18	24	1	X	X
Inter-Community Telephone Company, L.L.C.	ND	381616	20	16	1	X	X
Interior Telephone Company, Inc.	AK	613011	16	16	1	X	X
Interstate 35 Telephone Company	IA	351209	18	18	1		X
Interstate Telecommunications Cooperative, Inc.	MN	361654	9	11	1		X
Interstate Telecommunications Cooperative, Inc.	SD	391654	13	11	1		X
Interstate Telecommunications Cooperative, Inc.	SD	391679	9	9	1		X
ITS Telecommunications Systems, Inc.	FL	210331	21	24	1		X
J.B.N. Telephone Company, Inc.	KS	411785	21	17	1	X	X
Jefferson Telephone Company	SD	391666	18	27	1	X	X
K&M Telephone Company, Inc.	NE	371565	10	17	1	X	X
Kalama Telephone Company	WA	522426	10	13	1	X	X
Kalona Cooperative Telephone Company	IA	351214	15	19	1	X	X
Kanokla Telephone Association	KS	411788	19	38	1		X

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment					Pricing Option	
			Line Charges				Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data		A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP
Kanokla Telephone Association	OK	431788	18		38		1		X
Kaplan Telephone Company	LA	270432	15		12		1	X	X
Kasson & Mantorville Telephone Company	MN	361412	11		9		1	X	X
Kennebec Telephone Company	SD	391668	17		31		1		X
Kerman Telephone Company d/b/a Sebastian	CA	542324	17		20		1	X	X
Ketchikan Public Utilities	AK	613013	10	(C)	7	(C)	1	X	X
Keystone Farms Cooperative Telephone Company	IA	351217	10		11		1	X	X
Killduff Telephone Company	IA	351407	18		14		1	X	X
Kingdom Telephone Company	MO	421901	7		12		1	X	X
Kinsman Mutual Telephone Company	IL	341041	11		18		1	X	X
KLM Telephone Company	MO	421900	12		12		1		X
La Jicarita Rural Tel. Coop., Inc.	NM	492263	15		26		1	X	X
La Porte City Telephone Company	IA	351220	8		11		1	X	X

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option	
			Line Charges		Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP
La Ward Telephone Exchange, Inc.	TX	442103	16	25	1		X
Lackawaxen Telecommunications Services, Inc.	PA	170177	17	12	1	X	X
Lafourche Telephone Company, L.L.C.	LA	270433	7	8	1		X
Lakeside Telephone Company, Inc.	MS	280457	20	20	1	X	X
Lathrop Telephone Company	MO	421932	10	9	1	X	X
Lavaca Telephone Company	AR	401704	20	11	1	X	X
Lavaca Telephone Company	OK	431704	20	23	1	X	X
Leaco Rural Tel. Coop., Inc.	NM	492264	21	47	1	X	X

Certain material formerly found on this page now appears on 40th Revised Page 17-83.2.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option		
			Line Charges		Study Area			
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP	
Leaf River Telephone Company	IL	341045	8	38	1		X	
Lemonweir Valley Telephone Company	WI	330900	19	13	1		X	
Leonore Mutual Telephone Company	IL	341046	12	14	1	X	X	
Le-Ru Telephone Company	MO	421908	20	22	1	X	X	(M)
Ligonier Telephone Company, Inc.	IN	320783	15	17	1		X	
Lincoln County Telephone System, Inc.	NV	552351	18	11	1	X	X	
Lincoln Telephone Company, Inc.	MT	482244	4	12	1	X	X	
Lincolnville Networks, Inc.	ME	100003	8	5	1	X	X	
Lipan Telephone Company	TX	442105	16	25	1	X	X	
Logan Telephone Coop., Inc.	KY	260413	6	12	1		X	
Lone Rock Cooperative Telephone Company	IA	351228	12	13	1	X	X	
Loretel Systems, Inc.	MN	361443	10	9	1	X	X	
Loretto Telephone Company, Inc.	TN	290570	10	10	1		X	
Lumos Telephone of Botetourt Inc.	VA	190249	11	9	1	X	X	
Lynnville Telephone Company	IA	351232	19	12	1	X	X	
Madison County Tel. Co., Inc.	AR	401709	18	16	1	X	X	

Certain material currently found on this page previously appeared on 12th Revised Page 17-83.1.2.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option	
			Line Charges		Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP
Madison Telephone Company	IL	341049	22	47	1		X
Madison Telephone, LLC	KS	411801	17	35	1		X
Magazine Telephone Company	AR	401710	11	12	1	X	X
Margaretville Telephone Company, Inc.	NY	150104	13	7	1		X
Mark Twain Rural Telephone Company	MO	421914	12	12	1	X	X
Marne & Elk Horn Telephone Company	IA	351237	11	10	1	X	X
Marquette-Adams Telephone Cooperative, Inc.	WI	330908	4	17	1		X
Martelle Cooperative Telephone Association	IA	351238	10	12	1	X	X
Mashell Telecom, Inc.	WA	522431	13	13	1	X	X

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option	
			Line Charges		Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP
Massena Telephone Company	IA	351239	12	13	1	X	X
McDonald County Telephone Company	MO	421912	16	19	1	X	X
McNabb Telephone Company	IL	341048	9	9	1		X
Mechanicsville Telephone Company	IA	351241	10	11	1	X	X
Mediapolis Telephone Company	IA	351251	11	15	1	X	X
Medicine Park Telephone Company	OK	432008	20	40	1		X
Melrose Telephone Company	MN	361430	8	9	1	X	X
Mescalero Apache Telecom, Inc.	NM	491231	8	18	1		X
Michigan Central Broadband Company, LLC	MI	310785	15	12	1	X	X
Mid Century Telephone Co-operative	IL	341054	13	11	1	X	X
Middleburgh Telephone Company	NY	150105	8	6	1		X
Mid-Plains Rural Tel. Coop. Inc.	TX	442112	16	26	1		X
Mid-Rivers Telephone Cooperative, Inc.	MT	482246	16	11	1	X	X

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment					Pricing Option	
			Line Charges				Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data		A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP
Midstate Communications, Inc.	ND	381638	10	(C)	12	(C)	1	X	X
Midstate Communications, Inc.	SD	391670	9		18		1		X
Midstate Telephone Company	ND	381617	14		15		1	X	X
Midvale Telephone Exchange, Inc.	AZ	452226	22	(C)	41	(C)	1		X
Midvale Telephone Exchange, Incorporated	ID	472226	22	(C)	41	(C)	1	X	X
Midway Telephone Company	MI	310711	15		35		1		X
Midwest Telephone Company	MN	361431	10		10		1	X	X
Miles Coop. Tel. Assoc.	IA	351242	10		10		1	X	X
Miller Telephone Company	MO	421920	8		13		1	X	X
Millry Telephone Company, Inc.	AL	250304	15		11		1		X
Minburn Telecommunications, Inc.	IA	351158	13		12		1	X	X
Minburn Telephone Company	IA	351245	17	(C)	25	(C)	1	X	X
Minerva Valley Telephone Company, Inc.	IA	351246	10	(C)	12	(C)	1	X	X

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

Company Name	State	Study Area Number	Rate Band Assignment: Line Charges: A/SDSL Voice-Data		A/SDSL Data-Only		Study Area DSL WPP Term Plan	Pricing Option: Retail	Pricing Option: WPP	
										(D) | (D)
Missouri Valley Communications, Inc.	ND	382247	18	(C)	11	(C)	1		X	
Moapa Valley Telephone Company	NV	552353	17		12		1	X	X	
Modern Coop. Tel. Co.	IA	351247	10		12		1	X	X	
MoKan Dial, Inc.	KS	411807	4		10		1		X	
MoKan Dial, Inc.	MO	421807	7	(C)	12	(C)	1		X	
Mon-Cre Telephone Cooperative, Inc.	AL	250305	18	(C)	18	(C)	1	X	X	
Monitor Cooperative Telephone Company	OR	532384	7	(C)	20	(C)	1	X	X	
Monon Telephone Company, Inc.	IN	320790	20		18		1	X	X	
Monroe Telephone Company	OR	532385	13	(C)	15	(C)	1	X	X	
Montrose Mutual Telephone Company	IL	341058	17	(C)	47	(C)	1		X	
Moultrie Independent Telephone Company	IL	341060	13	(C)	15	(C)	1		X	
Mound Bayou Telephone & Communications, Inc.	MS	280462	9	(C)	15	(C)	1		X	

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option	
			Line Charges		Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP
Moundridge Telephone Company	KS	411808	14	14	1	X	X
Moundville Telephone Company	AL	250307	18	15	1	X	X
Mountain Rural Tel. Coop. Corp., Inc.	KY	260414	7	13	1	X	X
Mountain View Telephone Company	AR	401712	11	10	1	X	X
Mt. Angel Telephone Company	OR	532386	11	9	1	X	X
Muenster Telephone Corporation of Texas d/b/a Nortex Communications	TX	442116	14	17	1		X
Mukluk Telephone Company, Inc.	AK	613016	16	14	1		X
Mutual Telephone Company	KS	411809	13	25	1	X	X
Mutual Telephone Company of Morning Sun	IA	351250	11	11	1	X	X
National Telephone of Alabama, Inc.	AL	250286	6	12	1	X	X
Nebraska Central Telephone Company	NE	371574	13	11	1	X	X
Nehalem Telecommunications, Inc. d/b/a Nehalem Tel. & Tel.	OR	532387	6	9	1	X	X
Nemont Telephone Cooperative, Inc.	ND	382247	18	11	1	X	
Nemont Telephone Cooperative, Inc.	MT	482247	10	8	1	X	X

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option	
			Line Charges		Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP
New Florence Telephone Company, Inc.	MO	421927	18	23	1	X	X
New Hope Telephone Cooperative	VA	190239	10	10	1		X
New Hope Telephone Cooperative	AL	250308	7	17	1	X	X
New Lisbon Telephone Company, Inc.	IN	320796	9	11	1	X	X
New Windsor Telephone Company	IL	341062	9	11	1	X	X
Nicholville Telephone Company, Inc.	NY	150108	5	7	1	X	X
North Central Telephone Cooperative,Inc.	TN	290573	10	14	1		X
North Dakota Telephone Co.	ND	381447	17	12	1		X
North English Cooperative Telephone Company	IA	351257	11	10	1	X	X
North Texas Telephone Company	TX	442043	13	13	1	X	X
Northeast Florida Telephone Company, Inc.	FL	210335	6	9	1		X

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

Company Name	State	Study Area Number	Rate Band Assignment: Line Charges: A/SDSL Voice-Data	A/SDSL Data-Only	Study Area: DSL WPP Term Plan	Pricing Option: Retail	WPP	
Northeast Louisiana Telephone Company, Inc.	LA	270435	20	18	1	X	X	
Northeast Missouri Rural Telephone Company	MO	421931	13	16	1	X	X	
Northeast Nebraska Telephone Company	NE	371576	21	19	1		X	
Northern Arkansas Telephone Company	AR	401713	9	14	1	X	X	
Northern Iowa Telephone Company	IA	351259	10	12	1	X	X	
Northern Telephone Company of Minnesota	MN	361500	20	22	1	X	X	
Northern Telephone Cooperative, Inc.	MT	482248	17	21	1	X	X	
North-State Telephone Company	OR	532388	10	41	1	X	X	(M)
Northwest Communications Cooperative, Inc.	ND	381625	8	11	1	X	X	
Northwest Tel. Coop.	IA	351261	8	10	1	X	X	
Northwestern Indiana Tel. Co.	IN	320800	16	9	1		X	
Nova Telephone Company	OH	300644	17	26	1		X	
Noxapater Telephone Company, Inc.	MS	280461	16	21	1		X	(T)
Nucla-Naturita Telephone Company	CO	462193	14	16	1	X	X	
Nunn Telephone Company	CO	462194	4	4	1	X	X	
Nushagak Electric & Telephone Cooperative, Inc.	AK	613018	10	16	1		X	
Ogden Telephone Company	MI	310714	20	25	1		X	
Ogden Telephone Company	IA	351263	14	13	1	X	X	

Certain material currently found on this page previously appeared on 11th Revised Page 17-84.1.1.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

Company Name	State	Study Area Number	Rate Band Assignment: Line Charges: A/SDSL Voice-Data	Rate Band Assignment: Line Charges: A/SDSL Data-Only	Rate Band Assignment: Study Area: DSL WPP Term Plan	Pricing Option: Retail	Pricing Option: WPP
Oklahoma Western Telephone Company	OK	432014	8	9	1	X	X
Oklatel Communications, Inc.	OK	432013	20	27	1	X	X
Olin Telephone Company, Inc.	IA	351264	11	12	1	X	X
Oneida Telephone Exchange, Inc.	IL	341066	18	18	1	X	X
Onslow Cooperative Telephone Association	IA	351265	17	14	1	X	X
Ontario Telephone Company, Inc.	NY	150112	14	10	1	X	X
Ontonagon County Telephone Company	MI	310717	7	18	1	X	X
Oran Mutual Telephone Company	IA	351266	11	14	1	X	X
Oregon Farmers Mutual Telephone Company	MO	421935	4	4	1	X	
Oregon Telephone Corporation	OR	532389	16	34	1	X	X
Oregon Telephone Corporation	OR	533336	13	16	1		X
Oregon-Idaho Utilities, Inc.	OR	532390	20	47	1	X	X
Osakis Telephone Company	MN	361448	6	8	1		X
Ottoville Mutual Telephone Company	OH	300650	9	9	1		X
OTZ Telephone	AK	613019	21	18	1	X	X
Palmer Mutual Telephone Company	IA	351270	12	12	1	X	X
Palmetto Rural Telephone Cooperative	SC	240536	10	12	1	X	X
Palo Cooperative Telephone Association	IA	351269	8	10	1	X	X
Panora Communications Cooperative	IA	351271	12	9	1	X	X
Partner Communications Cooperative	IA	351187	8	7	1	X	X
Pattersonville Telephone Company	NY	150116	20	14	1	X	X

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option	
			Line Charges		Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP
PBT Telecom, Inc.	SC	240539	7	13	1		X
Peetz Cooperative Telephone Company	CO	462196	6	18	1	X	X
Pembroke Telephone Cooperative	VA	190243	10	9	1	X	X
Penasco Valley Telephone Cooperative, Inc.	NM	492270	22	21	1	X	X
Pend Oreille Telephone Company	WA	522418	6	10	1	X	X
Peoples Rural Telephone Cooperative Corp.	KY	260415	19	18	1		X
Peoples Telecommunications, LLC	KS	411814	9	26	1	X	X
Peoples Telephone Company	TN	290576	6	8	1	X	X
Peoples Telephone Company	MN	361453	9	6	1		X
Peoples Telephone Company	OR	532391	16	10	1	X	X
Perry-Spencer Rural Telephone Cooperative Inc. d/b/a PSC	IN	320807	16	14	1	X	X
Phillips County Telephone Company	CO	462197	9	17	1	X	X
Piedmont Rural Telephone Cooperative, Inc.	SC	240538	11	10	1		X
Pierce Telephone Company	NE	371581	10	10	1	X	X
Pigeon Telephone Company	MI	310721	5	14	1		X

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment					Pricing Option	
			Line Charges				Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data		A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP
Pine Belt Telephone Company, Inc.	AL	250315	15	(C)	17	(C)	1	X	X
Pine Drive Telephone Company	CO	462198	11		10		1		X
Pine Tel. Co.	OK	432017	20		25		1	X	X
Pine Telephone System	OR	532392	22		21		1	X	X
Pine Tree Telephone LLC	ME	100020	12	(C)	10	(C)	1		X
Pineland Telephone Cooperative, Inc.	GA	220377	15	(C)	15	(C)	1	X	X
Pineville Telephone Company	NC	230494	14		14		1	X	X
Pinnacles Tel. Co.	CA	542346	17		28		1	X	X
Pioneer Telephone Company	WA	522437	7		18		1		X
Pioneer Telephone Cooperative	OR	532393	8	(C)	10	(C)	1	X	X
Plains Cooperative Telephone Assoc., Inc.	CO	462199	8	(C)	33	(C)	1	X	X
Plainview Telephone Company, Inc.	NE	371582	20		27		1	X	X
Plant Telephone Company	GA	220379	9	(C)	11	(C)	1		X
Planters Rural Telephone Cooperative, Inc.	GA	220378	15	(C)	20	(C)	1		X
Poka-Lambro Rural Telephone Cooperative, Inc.	TX	442131	14	(C)	18	(C)	1	X	X
Polar Communications Mutual Aid Corporation	ND	381630	17		16	(C)	1	X	X
Polar Communications Mutual Aid Corporation	ND	381614	9	(C)	11		1	X	X
Ponderosa Tel. Co.	CA	542332	13	(C)	23	(C)	1	X	X

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option		
			Line Charges		Study Area			
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP	
Pottawatomie Telephone Company	OK	432020	20	21	1		X	
Prairie Grove Telephone Company	AR	401718	14	14	1	X	X	
Prairie Telephone Company	IA	351344	14	13	1		X	
Prairieburg Telephone Company, Inc.	IA	351275	14	13	1	X	X	
Preston Telephone Company	IA	351276	11	10	1	X	X	
Progressive Rural Tel. Coop., Inc.	GA	220380	8	10	1	X	X	
Project Telephone Company, Inc.	MT	482250	16	16	1	X	X	
Public Service Telephone Company	GA	220381	14	17	1		X	
Pulaski-White Rural Tel. Coop., Inc.	IN	320813	16	12	1	X	X	
Pymatuning Independent Tel. Co.	PA	170200	15	10	1	X	X	
Radcliffe Telephone Company, Inc.	IA	351277	15	15	1	X	X	
Ragland Telephone Company	AL	250316	18	36	1		X	
Rainbow Telecommunications Association, Inc.	KS	411820	4	4	1	X	X	
Randolph Telephone Membership Corporation d/b/a Randolph Communications	NC	230496	9	9	1		X	(T)

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment					Pricing Option		
			Line Charges				Study Area			
Company Name	State	Study Area Number	A/SDSL Voice-Data		A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP	
Range Telephone Cooperative, Inc.	MT	482251	10	(C)	9	(C)	1	X	X	
Range Telephone Cooperative, Inc.	WY	512251	7		16		1	X	X	
RC Technologies	SD	391674	11		14		1		X	
Reasnor Telephone Company, Inc.	IA	350739	13	(C)	13	(C)	1	X	X	
										(D) | (D)
Redwood County Telephone Company	MN	361472	15	(C)	11	(C)	1	X	X	
Reservation Telephone Cooperative	ND	381632	19	(C)	20	(C)	1	X	X	
Reynolds Telephone Company	IL	341075	11		12		1	X	X	
Rice Belt Telephone Company	AR	401721	13		39		1	X	X	
Richmond Telephone Company	MA	110037	20		11		1	X	X	
Rico Telephone Company	CO	462201	20		13		1	X	X	
Ringsted Telephone Company	IA	351280	12	(C)	12	(C)	1	X	X	
River Valley Telecommunications Coop.	IA	351189	10	(C)	11	(C)	1	X	X	
River Valley Telecommunications Coop.	IA	351284	5	(C)	7	(C)	1	X	X	
Riviera Telephone Company, Inc.	TX	442134	21	(C)	47	(C)	1	X	X	

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment				Pricing Option	
			Line Charges			Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP
Roanoke Tel. Co., Inc.	AL	250317	10	10		1	X	X
Rochester Telephone Company	IN	320815	16	11	(C)(x)	1		X
Rock County Tel. Co.	NE	371586	14	8	(C)(x)	1	X	X
Rock Port Telephone Company	MO	421942	12	11		1	X	X
Rockwell Cooperative Telephone Association	IA	351282	11	12		1	X	X
Roome Telecommunications, Inc.	OR	532375	6	8		1	X	X
Roosevelt County Rural Telephone Coop., Inc.	NM	492272	16	10		1	X	X
Royal Telephone Company	IA	351283	10	12		1	X	X
RT Communications, Inc.	WY	512251	7	16		1		X
Rural Telephone Company	ID	472233	20	39		1	X	X
Rural Telephone Company	NV	552233	16	21		1	X	X
S & A Telephone Co., Inc.	KS	411829	18	25		1	X	X

(x) Filed under authority of Special Permission No. 15-014 of the Federal Communications Commission.

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option		
			Line Charges		Study Area			
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP	
S & T Telephone Cooperative Association	KS	411827	7	27	1	X	X	
Sac County Mutual Telephone Company	IA	351285	9	10	1	X	X	
Sacred Wind Communications, Inc.	NM	493403	21	21	1		X	
Saddleback Communications	AZ	457991	16	17	1	X	X	
San Carlos Apache Telecommunications Utility, Inc.	AZ	452169	16	15	1	X	X	(T)
Sand Creek Telephone Company	MI	310725	12	12	1		X	
Sandwich Isles Communications, Inc.	HI	623021	25	24	1		X	
Santa Rosa Telephone Cooperative, Inc.	OK	432141	10	25	1		X	
Santa Rosa Telephone Cooperative, Inc.	TX	442141	20	28	1		X	
Santel Communications Cooperative, Inc.	SD	391676	19	16	1	X	X	

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option		
			Line Charges		Study Area			
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP	
Schaller Tel. Co.	IA	351291	13	12	1	X	X	(T)
Scio Mutual Telephone Company	OR	532397	12	22	1	X	X	
Scott County Telephone Cooperative, Inc.	VA	190248	11	12	1	X	X	
Scranton Telephone Company	IA	351294	9	10	1	X	X	
Searsboro Telephone Company	IA	351292	19	14	1	X	X	
Sharon Telephone Company	IA	351293	8	9	1	X	X	
Shawnee Telephone Company	IL	341025	22	41	1		X	
Shell Rock Communications, Inc.	IA	351295	8	6	1	X	X	
Shenandoah Telephone Company	VA	190250	10	9	1		X	
Shenandoah Telephone Company - NR	VA	197251	11	10	1		X	
Shidler Telephone Company	OK	432023	20	36	1		X	
Shoreham Telephone LLC	VT	140064	9	10	1	X	X	
Sierra Telephone Company, Inc.	CA	542338	6	8	1		X	
Siskiyou Tel. Co.	CA	542339	6	18	1		X	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment					Pricing Option	
			Line Charges				Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data		A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP
Skyline Telecom	UT	502283	10	(C)	11	(C)	1	X	X
Skyline Telecom Company	WA	520581	17		39	(C)	1		X
Sledge Telephone Company, Inc.	MS	280466	18		17		1	X	X
Smithville Telephone Company Inc.	MS	280467	10	(C)	10	(C)	1	X	X
									(D)
South Arkansas Tel. Co., Inc.	AR	401702	16	(C)	21	(C)	1	X	X
South Central Communications, Inc.	IA	351888	12		14	(C	1	X	X
South Central Telephone Association, Inc.	KS	411831	4	(C)	29	(C)	1		X
South Central Telephone Association, Inc.	OK	431831	4	(C)	44	(C)	1	X	X
South Park Telephone Company	CO	462195	20		19		1		X
South Plains Tel. Coop., Inc.	TX	442143	17		16		1	X	X
South Slope Coop. Tel., Inc.	IA	351298	17	(C)	15	(C)	1		X
South Slope Cooperative Telephone Company (Swisher)	IA	351304	5	(C)	8	(C)	1	X	X
Southeast Nebraska Communications, Inc.	NE	371591	17	(C)	18	(C)	1	X	X
Southern Kansas Telephone Co., Inc.	KS	411833	17	(C)	18	(C)	1	X	X
Southern Montana Telephone Company	MT	482254	21	(C)	42	(C)	1	X	X
Southwest Arkansas Telephone Cooperative, Inc.	AR	401724	21	(C)	26	(C)	1	X	X
Southwest Telephone Exchange, Inc.	IA	351301	8		11		1	X	X
Southwest Texas Telephone Company	TX	442135	9	(C)	19	(C)	1	X	X

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment				Pricing Option	
			Line Charges			Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP
Springport Telephone Company	MI	310728	4	9		1		X
Springville Coop. Tel. Assn., Inc.	IA	351302	10	9		1	X	X
Spruce Knob Seneca Rocks Telephone Company	WV	200257	15	23		1	X	X
St. John Telephone, Inc.	WA	522442	5	18		1		X
St. Paul Cooperative Telephone Association	OR	532396	11	11		1	X	X
Star Tel. Membership Corp.	NC	230502	13	11		1	X	X
Stayton Coop. Telephone Company	OR	532399	18	16	(C)(x)	1	X	X
Steelville Telephone Exchange, Inc.	MO	421949	7	15		1	X	X
Stoneham Cooperative Telephone Company	CO	462206	16	18		1		X
Stratford Mutual Telephone Company	IA	351305	8	18		1	X	X

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment				Pricing Option	
			Line Charges			Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only		DSL WPP Term Plan	Retail	WPP
Sully Telephone Association	IA	351306	14	10		1	X	X
Summit Telephone and Telegraph Company of Alaska	AK	613028	19	41		1		X
Sunman Telecommunications Corporation	IN	320825	15	15		1	X	X
Superior Telephone Cooperative	IA	351307	12	15		1		X
Surry Telephone Membership Corporation	NC	230497	18	11		1		X
Surry Telephone Membership Corporation	NC	230503	11	9		1	X	X
Swayzee Telephone Company, Inc.	IN	320826	9	9		1		X
Sycamore Telephone Company	OH	300658	11	7	(C)(x)	1		X
Table Top Telephone Company, Inc.	AZ	453334	19	22		1		X
Tatum Telephone Company	TX	442150	6	11		1		X
Taylor Telephone Cooperative, Inc.	TX	442151	14	17		1	X	X

(x) Filed under authority of Special Permission No. 15-014 of the Federal Communications Commission.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option	
			Line Charges		Study Area		
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP
TeleGuam Holdings, LLC	GU	663800	6	8	1	X	X
Templeton Telephone Company	IA	351308	12	12	1	X	X
Tenino Telephone Company	WA	522446	8	13	1	X	X
Terral Telephone Company	OK	432029	19	47	1	X	X
Terril Telephone Cooperative	IA	351309	10	12	1	X	X
Thacker/Grigsby Telephone Company	KY	260419	13	9	1	X	X
Three River Telco	NE	371525	20	38	1	X	X
Tidewater Telecom, Inc.	ME	100003	8	5	1	X	X
Titonka Telephone Company d/b/a Titonka-Burt Communications	IA	351114	13	12	1	X	X
Titonka Telephone Company d/b/a Titonka-Burt Communications	IA	351310	10	11	1	X	X
Tohono O'Odham Utility Authority	AZ	452173	17	22	1	X	
Toledo Tel. Co., Inc.	WA	522447	18	18	1		X
Topsham Tel. Co.	VT	140068	13	14	1	X	X
Totah Communications, Inc.	KS	412030	17	31	1		X
Totah Communications, Inc.	OK	432030	21	28	1		X
Totelcom Communications, LLC	TX	442060	10	13	1	X	X
Trans-Cascades Telephone Company	OR	532378	11	38	1		X

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

Company Name	State	Study Area Number	Rate Band Assignment: Line Charges: A/SDSL Voice-Data	Rate Band Assignment: Line Charges: A/SDSL Data-Only	Rate Band Assignment: Study Area: DSL WPP Term Plan	Pricing Option: Retail	Pricing Option: WPP	
Trenton Telephone Company	GA	220389	15	13	1	X	X	
Triangle Telephone Cooperative Association, Inc.	MT	482257	19	29	1	X	X	
Triangle Telephone Cooperative Association, Inc. - CMC	MT	483310	17	28	1	X	X	(T)(M) (T)(M)
Tri-County Telephone Association, Inc.	KS	411839	20	42	1	X	X	
Tri-County Telephone Company, Inc.	AR	401726	15	11	1		X	
Tri-County Telephone Membership Corp.	NC	230505	11	10	1		X	
Triotel Communications, Inc. - McCook	SD	391669	6	11	1	X	X	
Triotel Communications, Inc. – Tri-County	SD	391682	10	12	1	X	X	(S)(x)
Tularosa Basin Telephone Company, Inc.	NM	492265	16	20	1		X	
Turtle Mountain Communications, Inc.	ND	381636	18	12	1	X	X	
Twin Lakes Telephone Cooperative, Corp.	TN	290579	13	12	1	X	X	
Twin Valley Telephone, Inc.	KS	411840	20	25	1		X	
Twin Valley-Ulen Telephone Company, Inc.	MN	361491	17	12	1	X	X	
UBTA-UBET Communications, Inc. d/b/a Strata Networks	UT	502287	6	9	1	X	X	

Certain material currently found on this page previously appeared on 55th Revised Page 17-81.

(x) All material coded with an “S” was originally filed under Transmittal No. 1472 on December 17, 2015 and became effective on January 1, 2016.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option		
			Line Charges		Study Area			
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP	
Union River Telephone Company	ME	100027	20	20	1		X	
Union Springs Telephone Company, Inc.	AL	250322	12	9	1		X	
United Farmers Telephone Company	IA	351316	20	20	1		X	
United Telephone Association, Inc.	KS	411841	4	16	1		X	
United Telephone Mutual Aid Corp.	ND	381636	18	12	1	X	X	
Upper Peninsula Telephone Company	MI	310732	16	17	1	X	X	
Valley Telecomm. Coop. Assn., Inc.	SD	391685	12	20	1	X	X	
Valley Telephone Cooperative, Inc.	TX	442159	19	19	1	X	X	(M)
Valley Telephone Cooperative, Inc.	AZ	452176	9	19	1		X	
Valley Telephone Cooperative, Inc.	NM	492176	10	30	1		X	

Certain material currently found on this page previously appeared on 14th Revised Page 17-87.1.2.

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

Company Name	State	Study Area Number	Rate Band Assignment: Line Charges: A/SDSL Voice-Data	A/SDSL Data-Only	Study Area: DSL WPP Term Plan	Pricing Option: Retail	WPP	
Van Buren Telephone Company, Inc.	IA	351319	11	12	1	X	X	
Ventura Telephone Company, Inc.	IA	351322	11	11	1		X	
Venture Communications Cooperative	SD	391680	12	10	1		X	
Venture Communications Cooperative	SD	391688	11	8	1		X	
Vermont Telephone Co., Inc.	VT	147332	14	11	1	X	X	(T)
Villisca Farmers Telephone Company	IA	351324	18	18	1		X	
Viola Home Telephone Company	IL	341087	11	11	1	X	X	
Volcano Tel. Co.	CA	542343	5	11	1		X	

Certain material formerly found on this page now appears on 18th Revised Page 17-87.1.1.

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option		
			Line Charges		Study Area			
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP	
Wabash Mutual Telephone Company	OH	300664	10	10	1	X	X	
Wabash Telephone Cooperative, Inc.	IL	341088	6	15	1		X	(T)
Waitsfield-Fayston Telephone Co.,Inc.	VT	140069	11	13	1	X	X	
Waldron Telephone Company	MI	310734	14	13	1		X	
Walnut Hill Telephone Company	AR	401729	16	15	1	X	X	
Walnut Telephone Company	IA	351326	20	21	1	X	X	
Wamego Telephone Company	KS	411845	7	13	1	X	X	
War Telephone LLC	WV	200258	12	10	1		X	
Washington County Rural Tel. Coop., Inc.	IN	320834	9	12	1	X	X	
Wauneta Telephone Company	NE	371597	20	26	1	X	X	
Waverly Hall Telephone, L.L.C.	GA	220392	17	10	1		X	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

			Rate Band Assignment			Pricing Option		
			Line Charges		Study Area			
Company Name	State	Study Area Number	A/SDSL Voice-Data	A/SDSL Data-Only	DSL WPP Term Plan	Retail	WPP	
Webb-Dickens Telephone Corporation	IA	351327	17	18	1	X	X	
Webster-Calhoun Coop. Tel. Assn.	IA	351328	7	14	1	X	X	(T)
Wellman Cooperative Telephone Association	IA	351329	15	18	1	X	X	
West Carolina Rural Telephone Cooperative, Inc.	SC	240550	10	18	1		X	
West Kentucky Rural Telephone Cooperative Corporation, Inc.	KY	260421	6	12	1		X	
West Kentucky Rural Telephone Cooperative Corporation, Inc.	TN	290598	5	12	1		X	
West Liberty Telephone Company	IA	351332	8	12	1	X	X	
West Plains Telecommunications, Inc.	TX	442071	15	20	1		X	
West River Cooperative Telephone Company	SD	391689	18	23	1	X	X	
West River Telecommunications Cooperative	ND	381637	12	13	1	X	X	
West Side Telephone Company	PA	170277	20	21	1	X	X	
West Side Telephone Company	WV	200277	10	9	1	X	X	

Certain material formerly found on this page now appears on 15th Revised Page 17-87.2.1.

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17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

Company Name	State	Study Area Number	Rate Band Assignment: Line Charges: A/SDSL Voice-Data	Rate Band Assignment: Line Charges: A/SDSL Data-Only	Rate Band Assignment: Study Area: DSL WPP Term Plan	Pricing Option: Retail	Pricing Option: WPP	
West Tennessee Tel. Co., Inc.	TN	290583	14	11	1	X	X	
West Texas Rural Tel. Coop., Inc.	TX	442166	7	16	1	X	X	
West Wisconsin Telcom Coop., Inc.	WI	330971	5	14	1		X	
Western Iowa Telephone Association	IA	351334	9	11	1	X	X	
Western New Mexico Telephone Company, Inc.	NM	492268	21	29	1	X	X	
Western Wahkiakum County Telephone Company	WA	522451	5	25	1		X	
Wes-Tex Telephone Cooperative, Inc.	TX	442168	6	19	1		X	(M) (M)
Westgate Communications, LLC d/b/a WeavTel	WA	520580	19	47	1	X	X	
Westside Independent Telephone Company	IA	351335	12	12	1		X	
Wheat State Telephone Company	KS	411847	11	21	1	X	X	
Wiggins Telephone Association	CO	462209	14	32	1		X	
Wilderness Valley Telephone Company, Inc.	MN	361348	20	23	1	X	X	
Wilkes Telephone & Electric Company, Inc.	GA	220394	8	11	1		X	
Wilkes Telephone Membership Corp.	NC	230510	19	18	1		X	
Willard Telephone Company	CO	462210	11	15	1		X	
Wilson Tel. Co., Inc.	KS	411849	18	31	1	X	X	
Wilton Telephone Company	IA	351336	9	8	1	X	X	

Certain material currently found on this page previously appeared on 36th Revised Page 17-87.2.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.6(A) DSL Access Services Availability (Cont'd)

Company Name	State	Study Area Number	Rate Band Assignment: Line Charges: A/SDSL Voice-Data		A/SDSL Data-Only		Study Area: DSL WPP Term Plan	Pricing Option: Retail	Pricing Option: WPP	
										(D)
Wolverton Telephone Company	MN	361512	15	(C)	13	(C)	1	X	X	
Wolverton Telephone Company	ND	381509	12		13		1	X	X	
Wood County Telephone Company	WI	330974	16	(C)	10		1	X	X	
Woodhull Telephone Company	IL	341091	20	(C)	18	(C)	1	X	X	
Woolstock Mutual Telephone Association	IA	351342	18	(C)	16	(C)	1	X	X	
										(D)
XIT Rural Telephone Cooperative, Inc.	TX	442170	15	(C)	37	(C)	1	X	X	
Yelcot Telephone Company	AR	401733	19		21		1		X	
Yeoman Telephone Company, Inc.	IN	320839	14		11		1		X	
Yukon Telephone Company, Inc.	AK	613025	16		15		1	X	X	
Zenda Telephone Company, Inc.	KS	411852	17	(C)	46	(C)	1	X	X	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge

17.7(A) FUSC Surcharge Factor

The Telephone Companies listed below will apply the Federal Universal Service Charge as described in Section 3.9.1 (A), preceding.

Company Name	State	Study Area Number	
3 Rivers Telephone Cooperative, Inc.	MT	482255	
Accipiter Communications, Inc. d/b/a Zona Communications	AZ	452191	
Ace Telephone Association	IA	351346	
Ace Telephone Association	MN	361346	
Ace Telephone Company of Michigan, Inc.	MI	310704	
Ace Telephone Company of Michigan, Inc. - Allendale	MI	310669	
Ace Telephone Company of Michigan, Inc. - Drenthe	MI	310692	
Ace Telephone Company of Michigan, Inc. – Old Mission	MI	310777	
Adams Telephone Co-Operative	IL	340976	
Alaska Telephone Company	AK	613017	
Albany Mutual Telephone Assn., Inc.	MN	361347	
Albion Telephone Company d/b/a ATC Communications	ID	472213	
Alenco Communications, Inc.	TX	442090	
Alhambra-Grantfork Telephone Company	IL	340978	
All West Communications, Inc.	UT	502288	
All West Communications, Inc.	WY	512290	
Allband Communications Cooperative	MI	310542	(N)
Alliance Communications Cooperative, Inc. - Baltic	SD	391642	
Alliance Communications Cooperative, Inc. - IA	IA	351405	
Alliance Communications Cooperative, Inc. - MN	MN	361405	
Alliance Communications Cooperative, Inc. - SD	SD	391405	
Alliance Communications Cooperative, Inc. - Splitrock	SD	391657	
Alma Communications Company d/b/a Alma Telephone Company	MO	421860	
Alma Telephone Company, Inc.	GA	220344	
Alpine Communications, L.C.	IA	351106	
Alteva of Warwick LLC	NJ	160135	
Alteva of Warwick LLC	NY	150135	
Amelia Telephone Corporation	VA	190217	
American Samoa Telecommunications Authority	AS	673900	
Amery Telcom, Inc.	WI	330842	
Amherst Telephone Company	WI	330843	
Andrew Telephone Company, Inc.	IA	351097	
Arapahoe Telephone Company	NE	371516	
Arcadia Telephone Cooperative	IA	351098	
Arctic Slope Tel. Assn. Coop., Inc.	AK	613001	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number
Ardmore Tel. Co., Inc.	TN	290280
Arizona Telephone Company	AZ	452171
Arkansas Telephone Company, Inc.	AR	401692
Arkwest Communications, Inc.	AR	401734
Arlington Telephone Company	NE	371517
Armstrong Tel. Co.	WV	200267
Armstrong Tel. Co. – NY	NY	150071
Armstrong Tel. Co. – PA	PA	170189
Armstrong Tel. Co. of West Virginia	WV	200256
Armstrong Telephone Company North	PA	170195
Armstrong Telephone Company of MD	MD	180216
Arrowhead Communications Corporation	MN	361374
Arthur Mutual Telephone Company	OH	300586
Arvig Tel. Co.	MN	361350
Asotin Telephone Company	WA	522404
Asotin Telephone Company	OR	532404
Atkins Telephone Company, Inc.	IA	351101
Atlantic Tel. Membership Corp.	NC	230468
Atlas Telephone Company	OK	431966
Ayersville Telephone Company	OH	300588
Baca Valley Telephone Company	NM	492259
Badger Telecom, Inc.	WI	330844
Baldwin Nashville Telephone Company, Inc.	IA	351107
Baldwin Telecom, Inc.	WI	330846
Ballard Rural Tel. Coop. Corp., Inc.	KY	260396
Baraga Telephone Company	MI	310675
Barnardsville Telephone Company	NC	230469
Barry County Telephone Company	MI	310676
Bascom Mutual Telephone Company	OH	300589
Bay Springs Telephone Company, Inc.	MS	280446
Bayland Telephone, LLC	WI	330925
Bear Lake Communications	UT	503032
Beaver Creek Coop. Tel. Co.	OR	532359
Beehive Telephone Co., Inc., Nevada	NV	552284
Beehive Telephone Company, Inc.	UT	502284
Beggs Telephone Company	OK	431968
BEK Communications Cooperative	ND	381604
Belmont Telephone Co.	WI	330847

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number
Ben Lomand Rural Telephone Cooperative, Inc.	TN	290553
Benkelman Telephone Company, Inc.	NE	372455
Bentleyville Communications Corporation t/d/b/a The Bentleyville Telephone Company	PA	170145
Benton Cooperative Telephone Company	MN	361356
Benton Ridge Telephone Company	OH	300590
Beresford Municipal Telephone Company	SD	391649
Berkshire Telephone Company	NY	150073
Bernard Telephone Company, Inc.	IA	351110
Big Bend Telephone Company, Inc.	TX	442039
Big Sandy Telecom, Inc.	CO	462192
Bijou Telephone Cooperative Association, Inc.	CO	462181
Bixby Telephone Company	OK	431969
Black Earth Telephone Company	WI	330849
Blackfoot Telephone Cooperative, Inc.	MT	482235
Blackfoot Telephone Cooperative, Inc.	MT	483308
Blanca Telephone Company	CO	462182
Blanchard Telephone Co.	MI	310678
Bledsoe Tel. Coop.	TN	290554
Bloomer Telephone Company	WI	330850
Bloomingdale Home Telephone Company, Inc.	IN	320742
Bloomingdale Telephone Company	MI	310679
Blossom Telephone Company	TX	442038
Blountsville Telephone LLC	AL	250282
Blue Earth Valley Tel. Co.	MN	361358
Blue Ridge Telephone Company	GA	220346
Blue Valley Tele-Communications, Inc.	KS	411746
Bluestem Telephone Company	KS	411835
Bluffton Telephone Company, Inc.	SC	240512
Bonduel Telephone Company	WI	330851
BPS Telephone Company	MO	420463
Brandenburg Telephone Company	KY	260398
Brantley Telephone Company, Inc.	GA	220347
Brazoria Telephone Company	TX	442040
Brazos Telephone Cooperative, Inc.	TX	442041
Breda Telephone Corporation	IA	351112
Bretton Woods Telephone Company	NH	120038
Bridgewater Telephone Co.	MN	361362
Brindlee Mountain Telephone LLC	AL	250283
Bristol Bay Tel. Coop., Inc.	AK	613003

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Brooklyn Mutual Telephone Company	IA	351113	
Bruce Telephone Company, Inc.	MS	280447	
Bruce Telephone Company, Inc.	WI	330855	
Buggs Island Telephone Cooperative	VA	190219	
Bulloch County Rural Telephone Coop., Inc.	GA	220348	
Burlington, Brighton & Wheatland Telephone Company	WI	330856	
Bush-Tel, Inc.	AK	613004	
Butler Tel. Co., Inc.	AL	250284	
Butler-Bremer Mutual Telephone Company, Inc.	IA	351115	(N)
Calavaras Tel. Co.	CA	542301	
Calhoun City Telephone Company, Inc.	MS	280448	
Cal-Ore Telephone Co.	CA	542311	
Cambridge Telephone Company	IL	340983	
Cambridge Telephone Company	NE	371526	
Cambridge Telephone Company, Inc.	ID	472215	
Camden Telephone & Telegraph Company, Inc.	GA	220351	
Camden Telephone Company, Inc.	IN	320744	
Cameron Telephone Company	LA	270425	
Cameron Telephone Company	TX	440425	
Campti-Pleasant Hill Telephone Company	LA	270426	
Canadian Valley Telephone Company	OK	431974	
Canby Telephone Association	OR	532362	
Cannon Valley Telecom, Inc.	MN	361440	
Cap Rock Telephone Cooperative	TX	442046	
Carbon/Emery Telcom, Inc.	UT	502278	
Carnegie Telephone Company	OK	431976	
Carr Telephone Company	MI	310683	
Cascade Communications Company	IA	351118	
Cascade Utilities, Inc.	OR	532371	
Casey Mutual Telephone Company	IA	351119	
Cass Telephone Company	IL	340984	
Cassadaga Telephone Corporation	NY	150076	
Castleberry Telephone Company, Inc.	AL	250285	
Central Arkansas Tel. Coop., Inc.	AR	401697	(S)(x)
Central Oklahoma Telephone Co., L.L.C.	OK	431977	
Central Scott Telephone	IA	351125	
Central State Telephone Company	WI	330859	
Central Texas Tel. Co-op., Inc.	TX	442052	
Central Utah Telephone, Inc.	UT	502277	

(x) All material coded with an "S" was originally filed under Transmittal No. 1474 on January 15, 2016 and became effective on January 30, 2016.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number

Certain material formerly found on this page now appears on 9th Revised Page 17-92.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
			(D)
			(D)

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number
Champlain Tel. Co.	NY	150077
Chariton Valley Telephone Corporation	MO	421864
Chatham Telephone Company	MI	310685
Chautauqua & Erie Tel. Corp.	NY	150078
Chazy & Westport Telephone Corporation	NY	150079
Chequamegon Communications Cooperative, Inc.	WI	330860
Cherokee Telephone Company	OK	431979
Chesnee Telephone Company	SC	240515
Chester Telephone Company	SC	240516
Cheyenne River Sioux Tribal Telephone Authority	SD	391647
Chibardun Telephone Cooperative, Inc.	WI	330861
Chickamauga Telephone Corporation	GA	220354
Chickasaw Telephone Company	OK	431980
Chillicothe Tel. Co.	OH	300597
Chouteau Telephone Company	OK	431981
Christensen Communications Company	MN	361425
Churchill County Telephone & Telegraph System d/b/a CC Communications	NV	552349
Cimarron Telephone Company	OK	431982
Citizens Mutual Telephone Cooperative	IA	351129
Citizens Tel. Co. of Hammond, New York, Inc.	NY	150081
Citizens Telephone Company	MO	421865
Citizens Telephone Company	NC	230473
Citizens Telephone Company, Inc.	GA	220355
Citizens Telephone Cooperative	VA	190225
Citizens Telephone Cooperative, Inc.	WI	330863
Citizens Telephone Corporation	IN	320751

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
City of Barnesville Telephone Utility	MN	361353	
City of Brookings Municipal Telephone Dept.	SD	391650	(T)
City of Faith Municipal Tel. Co.	SD	391653	
Clara City Telephone Exchange Co.	MN	361370	
Clarence Telephone Company, Inc.	IA	351130	
Clarity Telecom, LLC	SD	391652	
Clarks Telecommunications Co.	NE	371531	
Clay County Rural Telephone Cooperative, Inc. d/b/a Endeavor Communications	IN	320753	
Clear Creek Mutual Tel. Co.	OR	532363	
Clear Lake Independent Tel. Co.	IA	351132	
Clear Lake Telephone Company, Inc.	WI	330865	
Cleveland County Telephone Company, Inc.	AR	401698	
Climax Telephone Company	MI	310688	
C-M-L Telephone Cooperative Association	IA	351133	(M)
Cochrane Cooperative Telephone Company	WI	330866	
Coleman County Telephone Cooperative, Inc.	TX	442057	
Colo Telephone Company	IA	351134	
Colorado Valley Telephone Co-Operative, Inc.	TX	442059	
Colton Telephone Company	OR	532364	
Columbine Acquisition Corp. d/b/a Columbine Telecom Company	CO	462204	
Columbine Telephone Company, Inc. d/b/a Silver Star Communications	ID	472295	
Columbus Grove Telephone Company	OH	300604	
Communications 1 Network, Inc.	IA	351262	
Communications Corp. of Indiana	IN	320776	
Communications Corporation of Michigan	MI	310672	
Communications Corporation of Southern Indiana	IN	320809	
Community Service Telephone Company	ME	100015	
Community Telephone Company	TX	442061	
Comporium, Inc.	SC	240542	
ComSouth Telecommunications, Inc.	GA	220369	
Concord Telephone Exchange, Inc.	TN	290559	
Conneaut Telephone Company	OH	300606	

Certain material currently found on this page previously appeared on 27th Revised Page 17-91.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Consolidated Telco, Inc.	NE	371530	
Consolidated Telcom	ND	381607	
Consolidated Telecom, Inc.	NE	371562	
Consolidated Telephone Company	MN	361373	
Consolidated Telephone Company	NE	371532	
Continental Telephone Company of Ohio	OH	300607	
Coon Creek Telephone Company	IA	351136	
Coon Valley Coop. Telephone Association, Inc.	IA	351137	
Coon Valley Farmers Telephone Company	WI	330868	
Cooperative Telephone Company	IA	351139	
Cooperative Telephone Exchange	IA	351303	
Copper Valley Telephone Cooperative, Inc.	AK	613006	
Copper Valley Telephone, Inc.	AZ	452176	
Cordova Telephone Cooperative, Inc.	AK	613007	
Corn Belt Telephone Company	IA	351141	
Council Grove Telephone Company	KS	411758	
Cozad Telephone Company	NE	371534	
C-R Telephone Company	IL	341009	(M)
Craigville Telephone Company, Inc.	IN	320756	
Craw-Kan Telephone Coop., Inc.	KS	411818	
Craw-Kan Telephone Coop., Inc.	MO	421759	
Crockett Tel. Co., Inc.	TN	290561	
Cross Tel. Co.	OK	431985	
Crosslake Telephone Company	MN	361499	
Crossville Telephone Company	IL	340993	
Crown Point Telephone Corp.	NY	150085	
Cuba City Telephone Exchange Company, Inc.	WI	330872	
Cunningham Tel. Co., Inc.	KS	411761	
Curtis Telephone Company	NE	371536	
Custer Telephone Cooperative, Inc.	ID	472218	

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number
Dakota Central Telecom I, Inc.	ND	381610
Dakota Central Telecommunications Cooperative	ND	381610
Dalton Telephone Company	NE	371537
Danville Mutual Telephone Company	IA	351147
Darien Telephone	GA	220358
Daviess-Martin County Rural Tel. Corp. d/b/a RTC Communications	IN	320759
Decatur Telephone Company	AR	401699
Decatur Telephone Company, Inc.	MS	280451
Deerfield Farmers Telephone Company	MI	310691
DeKalb Telephone Cooperative	TN	290562
Delcambre Telephone Company	LA	270428
Delhi Telephone Company	NY	150088
Dell Telephone Co-Operative, Inc.	TX	442066
Dell Telephone Co-Operative, Inc.	NM	492066
Delta County Tele-Comm Inc.	CO	462184
Delta Telephone Company, Inc.	MS	280452
Deposit Telephone Company, Inc.	NY	150089
Dickey Rural Telephone Cooperative	ND	381611
Dickeyville Telephone Corp.	WI	330875
Diller Telephone Co.	NE	371540
Direct Communications Cedar Valley, LLC	UT	500758
Direct Communications Rockland, Inc.	ID	472232
Dobson Tel. Co.	OK	431988
Doylestown Telephone Company	OH	300609
Dubois Telephone Exchange, Inc.	WY	512291
Ducor Tel. Co.	CA	542313
Dumont Telephone Company	IA	351152
Dunbarton Telephone Company	NH	120043
Dunkerton Telephone Cooperative	IA	351153
Dunkirk & Fredonia Telephone Company	NY	150091
Duo County Tel. Coop., Inc.	KY	260401

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
E. Ritter Tel. Co.	AR	401722	
E.N.M.R. Tel. Cooperative, Inc.	NM	492262	
Eagle Telephone System, Inc.	OR	532369	
Eagle Valley Telephone Company	MN	361383	
East Ascension Telephone Company, L.L.C.	LA	270429	
East Buchanan Telephone Coop.	IA	351156	
East Otter Tail Telephone Company	MN	361385	
Eastcoast Telecom, Inc.	WI	330914	
Eastern Nebraska Tel. Co.	NE	371542	
Eastern Slope Rural Telephone Assn., Inc.	CO	462186	
Eastex Telephone Cooperative, Inc.	TX	442068	
Eckles Telephone Company	MN	361386	(T)
Edwards Telephone Company, Inc.	NY	150092	
Egyptian Telephone Cooperative	IL	341003	
El Paso Telephone Company	IL	341004	
Electra Telephone Company	TX	442069	
Elizabeth Telephone Company	LA	270430	
Elkhart Telephone Co., Inc.	KS	411764	
Ellensburg Telephone Company	WA	522412	
Ellerbe Telephone Company, Inc.	NC	230478	
Ellijay Telephone Company	GA	220360	
Ellington Telephone Company	MO	421874	
Ellsworth Coop. Telephone Association	IA	351157	
Emery Telephone d/b/a Emery Telecom	UT	502278	
Emily Cooperative Telephone Company	MN	361387	
Empire Telephone Corporation	NY	150093	
Etex Tel. Coop. Inc.	TX	442070	
ETS Telephone Company, Inc.	TX	442091	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
F&B Communications, Inc.	IA	351160	
FairPoint Communications Missouri, Inc.	MO	421472	
Farmers & Merchants Mutual Telephone Company	IA	351166	
Farmers Coop. Telephone Company	IA	351162	
Farmers Independent Telephone Company	WI	330879	
Farmers Mutual Coop. Telephone Company	IA	351168	
Farmers Mutual Coop. Telephone Company	IA	351169	
Farmers Mutual Cooperative Telephone Company	IA	351149	
Farmers Mutual Cooperative Telephone Company	IA	351235	
Farmers Mutual Telephone Company	OH	300612	
Farmers Mutual Telephone Company	IA	351171	
Farmers Mutual Telephone Company	IA	351172	
Farmers Mutual Telephone Company	IA	351173	
Farmers Mutual Telephone Company	IA	351174	
Farmers Mutual Telephone Company	MN	361389	
Farmers Mutual Telephone Company	ID	472221	
Farmers Tel. Coop. Inc.	SC	240520	
Farmers Telecommunications Cooperative, Inc.	AL	250290	
Farmers Telephone Company	WI	330880	
Farmers Telephone Company	IA	351175	
Farmers Telephone Company – Essex	IA	351176	
Farmers Telephone Company – Riceville	IA	351177	
Farmers Telephone Company, Inc.	CO	462188	
Federated Telephone Cooperative	MN	361390	
Federated Telephone Cooperative	MN	361403	
Fidelity Telephone Company	MO	421882	
Filer Mutual Telephone Company	ID	472220	
Filer Mutual Telephone Company	NV	552220	
Fishers Island Telephone Corp.	NY	150095	
Five Area Telephone Co-operative, Inc.	TX	442071	
Flat Rock Telephone Co-Op, Inc.	IL	341012	(T)
Foothills Rural Telephone Coop. Corp.	KY	260406	(T)
Foresthill Tel. Co., Inc. d/b/a Sebastian	CA	542318	

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Fort Jennings Telephone Company	OH	300614	
Fort Mill Tel. Co.	SC	240521	
Fort Mojave Telecommunications, Inc.	AZ	452200	
Fort Randall Telephone Company d/b/a Mt. Rushmore Telephone Company	SD	391660	
Franklin Telephone Company	VT	140053	
Franklin Telephone Company, Inc.	MS	280454	
Fremont Telcom Co.	ID	472222	
Fulton Telephone Company, Inc.	MS	280455	
Ganado Telephone Company, Inc.	TX	442076	
Garden Valley Telephone Company	MN	361395	
Gardonville Cooperative Telephone Association	MN	361396	
Gearheart Communications Company, Inc. d/b/a Coalfields Telephone Company	KY	260408	
Geetingsville Telephone Company, Inc.	IN	320771	
Geneseo Telephone Company	IL	341016	
Georgetown Telephone Company	MS	280456	
Germantown Independent Tel. Co.	OH	300618	
Germantown Telephone Company, Inc.	NY	150097	
Gervais Telephone Company d/b/a DataVision	OR	532373	(T)
Gila River Telecommunications, Inc.	AZ	452179	
Glandorf Telephone Company, Inc.	OH	300619	
Glasford Telephone Company	IL	341017	
Glenwood Network Services, Inc.	NE	371567	
Glenwood Telephone Company	GA	220365	
Glenwood Telephone Membership Corporation	NE	371553	
Golden Belt Telephone Association, Inc.	KS	411777	
Golden West Telecommunications Cooperative, Inc.	SD	391659	
Golden West Telecommunications Cooperative, Inc. - Armour	SD	391640	
Golden West Telecommunications Cooperative, Inc. - Kadoka	SD	391667	
Golden West Telecommunications Cooperative, Inc. – Sioux Valley	SD	391677	
Golden West Telecommunications Cooperative, Inc. - Union	SD	391684	
Golden West Telecommunications Cooperative, Inc. - Vivian	SD	391686	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Goodman Telephone Company	MO	421886	
Grafton Telephone Company	IL	341020	
Granby Telephone Company	MO	421887	
Granby Telephone LLC	MA	110036	
Grand Mound Coop. Telephone Association	IA	351191	
Grand River Mutual Telephone Company	IA	351888	
Grand River Mutual Telephone Company	MO	421888	
Grand Telephone Company, Inc.	OK	431994	
Granite State Telephone Company	NH	120039	
Grantland Tel. Co., Inc.	WI	330930	
Great Plains Communications, Inc.	NE	371577	
Green Hills Telephone Corporation	MO	421890	
Gridley Telephone Company	IL	341023	
Griggs County Telephone Co.	ND	381615	(T)
Griggs County Telephone Co. (Moore & Liberty)	ND	381622	(T)(M)
Griswold Co-Op Telephone Company	IA	351195	
GTC, Inc.	FL	210291	
GTC, Inc.	FL	210329	
GTC, Inc.	FL	210339	
Guadalupe Valley Tel. Co-op. Inc.	TX	442083	
Gunnison Telephone Company	UT	502279	
H & B Communications, Inc.	KS	411781	
Hager TeleCom, Inc.	WI	330889	
Halstad Telephone Company	MN	361401	
Hamilton County Telephone Co-Op	IL	341024	
Hamilton Telephone Company	NE	371555	
Hampden Telephone Company	ME	100010	
Hancock Rural Telephone Corporation d/b/a NineStar Connect	IN	320775	
Hancock Telephone Company	NY	150099	
Happy Valley Tel. Co.	CA	542321	
Hardy Telecommunications, Inc.	WV	200259	
Hargray Tel. Co. Inc.	SC	240523	
Harmony Telephone Company	MN	361404	
Harrisonville Tel. Co.	IL	341026	
Hart Telephone Company	GA	220368	
Hartington Telecommunications Co., Inc.	NE	371556	
Hartland & St. Albans Telephone Company	ME	100011	
Hartman Telephone Exchanges, Inc.	NE	371557	
Haviland Tel. Co., Inc.	KS	411780	
Hawkeye Telephone Company	IA	351199	
Haxtun Telephone Company	CO	462190	
Hayneville Telephone Company, Inc.	AL	250299	

Certain material currently found on this page previously appeared on 17th Revised Page 17-100.1.

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Heart of Iowa Communications Cooperative	IA	351297	(D)(x)
			(D)(x)
Hemingford Cooperative Telephone Company	NE	371558	
Henderson Co-Op Telephone Company	NE	371559	
Henry County Telephone Company	IL	341029	
Hershey Cooperative Telephone Company	NE	371561	
Hiawatha Telephone Company	MI	310713	
Hickory Telephone Company	PA	170171	
Highland Telephone Company, Inc.	TN	290565	
Highland Telephone Cooperative	VA	190237	
Hill Country Telephone Co-Operative, Inc.	TX	442086	
Hillsboro Telephone Company, Inc.	WI	330892	

(x) Filed under authority of Special Permission No. 14-022 of the Federal Communications Commission.

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Hinton Tel. Co. of Hinton OK, Inc.	OK	431995	
Hollis Telephone Company, Inc.	NH	123321	
Holway Telephone Company	MO	421929	
Home Tel. Co.	MN	361408	
Home Tel. Co. of Pittsboro	IN	320777	
Home Telephone Co.	IL	341032	
Home Telephone Company	OR	532377	(N)
Home Telephone Company, Inc.	IN	320778	
Home Telephone Company, Inc.	KS	411782	
Home Telephone ILEC, LLC d/b/a Home Telecom	SC	240527	
Hood Canal Telephone Co.	WA	522419	
Hooper Tel. Co.	NE	371563	
Hopi Telecommunications, Inc.	AZ	450815	
Hopper Telecommunications LLC	AL	250300	
Horry Tel. Coop. Inc.	SC	240528	
Hospers Telephone Exchange, Inc.	IA	351202	
Hot Springs Telephone Company	MT	482241	
Hubbard Cooperative Telephone Association	IA	351203	
Humboldt Telephone Company	NV	553304	
Humphrey's County Telephone Company	TN	290566	
Hutchinson Tel. Co.	MN	361409	
Huxley Communications Cooperative	IA	351205	
IAMO Telephone Company	IA	351206	
IAMO Telephone Company	MO	421206	
Indianhead Telephone Company	WI	330936	
Industry Telephone Company	TX	442093	
Inland Telephone Company	ID	472423	
Inland Telephone Company	WA	522423	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number
Interbel Tel. Coop., Inc.	MT	482242
Inter-Community Telephone Company, L.L.C.	ND	381616
Interior Telephone Company, Inc.	AK	613011
Interstate 35 Telephone Company	IA	351209
Interstate Telecommunications Cooperative, Inc.	MN	361654
Interstate Telecommunications Cooperative, Inc.	SD	391654
Interstate Telecommunications Cooperative, Inc.	SD	391679
Ironton Tel. Co.	PA	170175
Island Telephone Company	MI	310677
ITS Telecommunications Systems, Inc.	FL	210331
J.B.N. Telephone Company, Inc.	KS	411785
James Valley Cooperative Telephone Company	SD	391664
Jefferson Tel. Co.	IA	351212
Jefferson Telephone Company	SD	391666
Johnson Telephone Company	MN	361410
Jordan-Soldier Valley Telephone Company	IA	351213
K&M Telephone Company, Inc.	NE	371565
Kalama Telephone Company	WA	522426
Kaleva Telephone Company	MI	310703
Kalida Telephone Company, Inc.	OH	300625
Kalona Cooperative Telephone Company	IA	351214
Kanokla Telephone Association	KS	411788
Kanokla Telephone Association	OK	431788
Kaplan Telephone Company	LA	270432
Kasson & Mantorville Telephone Company	MN	361412
Kearsarge Telephone Company	NH	120045
Kennebec Telephone Company	SD	391668
Kerman Telephone Company d/b/a Sebastian	CA	542324
Ketchikan Public Utilities	AK	613013
Keystone Farmers Cooperative Telephone Company	IA	351217
Kingdom Telephone Company	MO	421901
KLM Telephone Company	MO	421900
Knology Total Communications, Inc.	AL	250295
La Harpe Telephone Company	IL	341043
La Jicarita Rural Tel. Coop., Inc.	NM	492263
La Motte Telephone Company	IA	351222
La Porte City Telephone Company	IA	351220
La Valle Telephone Cooperative	WI	330899
La Ward Telephone Exchange, Inc.	TX	442103
Lackawaxen Telecommunications Services, Inc.	PA	170177
Lafourche Telephone Company, L.L.C.	LA	270433

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Lakefield Telephone Company	WI	330896	
Lakeland Communications Group, LLC – Luck	WI	330902	
Lakeland Communications Group, LLC – Milltown	WI	330910	
Lakeside Telephone Company, Inc.	MS	280457	
Lancaster Tel Co.	SC	240531	
Lathrop Telephone Company	MO	421932	
Laurel Highland Telephone Company	PA	170179	
Lavaca Telephone Company	AR	401704	
Lavaca Telephone Company	OK	431704	
Leaco Rural Tel. Coop., Inc.	NM	492264	
Leaf River Telephone Company	IL	341045	
Lehigh Valley Coop. Tel. Assoc.	IA	351225	
Lemonweir Valley Telephone Company	WI	330900	
Lennon Telephone Company	MI	310708	
Le-Ru Telephone Company	MO	421908	
Leslie County Telephone Company	KY	260411	
Lewis River Telephone Company, Inc.	WA	522427	
Lewisport Telephone Company, Inc.	KY	260412	
Ligonier Telephone Company, Inc.	IN	320783	
Lincoln County Telephone System, Inc.	NV	552351	
Lincoln Telephone Company, Inc.	MT	482244	
Lincolnville Networks, Inc.	ME	100003	
Lipan Telephone Company	TX	442105	
Lismore Cooperative Telephone Company	MN	361419	(N)
Little Miami Communications Corp.	OH	300613	
Livingston Telephone Company	TX	442107	
Logan Telephone Coop., Inc.	KY	260413	
Lonsdale Telephone Company	MN	361422	
Loretel Systems, Inc.	MN	361443	
Loretto Telephone Company, Inc.	TN	290570	
Lost Nation-Elwood Telephone Company	IA	351229	
Ludlow Telephone Company	VT	140058	
Lumos Telephone Inc.	VA	190226	
Lumos Telephone of Botetourt Inc.	VA	190249	
Lynnville Telephone Company	IA	351232	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Mabel Cooperative Telephone Company	MN	361424	
Mabel Cooperative Telephone Company	IA	351424	
Madison County Tel. Co., Inc.	AR	401709	
Madison Telephone Company	IL	341049	
Madison Telephone, LLC	KS	411801	
Magazine Telephone Company	AR	401710	
Mahanoy & Mahantango Telephone Company	PA	170183	
Manawa Tel. Co., Inc.	WI	330905	
Manti Telephone Company	UT	502282	
Margaretville Telephone Company, Inc.	NY	150104	
Marianna-Scenery Hill Tel. Co.	PA	170185	
Mark Twain Rural Telephone Company	MO	421914	
Marne & Elk Horn Telephone Company	IA	351237	
Marquette-Adams Telephone Cooperative, Inc.	WI	330908	
Marseilles Telephone Company of Marseilles	IL	341050	
Martelle Cooperative Telephone Association	IA	351238	(N)
Mashell Telecom, Inc.	WA	522431	
Massena Telephone Company	IA	351239	
Matanuska Telephone Association	AK	613015	
McClellanville Telephone Company, Inc.	SC	240533	
McClure Tel. Co.	OH	300598	
McDaniel Telephone Company	WA	522430	
McDonald County Telephone Company	MO	421912	
McDonough Telephone Cooperative	IL	341047	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number
McLoud Telephone Company	OK	432006
McNabb Telephone Company	IL	341048
Mechanicsville Telephone Company	IA	351241
Mediapolis Telephone Company	IA	351251
Medicine Park Telephone Company	OK	432008
Melrose Telephone Company	MN	361430
Merrimack County Tel. Co. d/b/a Contoocook Valley Tel. Co.	NH	123321
Merrimack County Telephone Company	NH	120047
Mescalero Apache Telecom, Inc.	NM	491231
Metamora Telephone Company	IL	341053
MGW Telephone Company, Inc.	VA	190238
Michigan Central Broadband Company, LLC	MI	310785
Mid Century Telephone Co-operative	IL	341054
Mid State Telephone Company, Inc.	MN	361433
Mid State Telephone Company, Inc. d/b/a K M P Telephone Company	MN	361413
Mid-America Telephone, Inc.	OK	432010
Middleburgh Telephone Company	NY	150105
Mid-Maine Telecom LLC	ME	103315
Mid-Plains Rural Tel. Coop., Inc.	TX	442112
Mid-Plains Telephone, Inc.	WI	330881
Mid-Rivers Telephone Cooperative, Inc.	MT	482246
Midstate Communications, Inc.	ND	381638
Midstate Communications, Inc.	SD	391670
Midstate Telephone Company	ND	381617

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Midvale Telephone Exchange, Inc.	AZ	452226	
Midvale Telephone Exchange, Incorporated	ID	472226	
Midway Telephone Company	MI	310711	
Midway Telephone Company, Inc.	WI	330909	
Midwest Telephone Company	MN	361431	
Miles Coop. Tel. Assoc.	IA	351242	
Miller Telephone Company	MO	421920	
Millington Telephone Company, Inc. d/b/a Ritter Communications	TN	290571	(T) (T)
Millry Telephone Company, Inc.	AL	250304	(S)(x)
Minburn Telecommunications, Inc.	IA	351158	
Minburn Telephone Company	IA	351245	
Minerva Valley Telephone Company, Inc.	IA	351246	
Minford Telephone Company	OH	300634	
Minnesota Valley Telephone Company, Inc.	MN	361439	
Missouri Valley Communications, Inc.	ND	382247	
Moapa Valley Telephone Company	NV	552353	
Modern Coop. Tel. Co.	IA	351247	
MoKan Dial, Inc.	KS	411807	
MoKan Dial, Inc.	MO	421807	
Molalla Telephone Company	OR	532383	
Mon-Cre Telephone Cooperative, Inc.	AL	250305	
Monitor Cooperative Telephone Company	OR	532384	
Monon Telephone Company, Inc.	IN	320790	
Monroe Telephone Company	OR	532385	
Montrose Mutual Telephone Company	IL	341058	
Mosinee Telephone Company, LLC	WI	330915	
Moultrie Independent Telephone Company	IL	341060	
Mound Bayou Telephone & Communications, Inc.	MS	280462	
Moundridge Telephone Company	KS	411808	
Moundville Telephone Company	AL	250307	
Mountain Rural Tel. Coop. Corp., Inc.	KY	260414	
Mountain View Telephone Company	AR	401712	

(x) All material coded with an "S" was originally filed under Transmittal No. 1399 on October 21,2013 and became effective on November 5, 2013.

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number
Mt. Angel Telephone Company	OR	532386
Mt. Horeb Tel. Co.	WI	330916
Mt. Vernon Telephone Company	WI	330917
Mud Lake Telephone Cooperative Association, Inc.	ID	472227
Muenster Telephone Corporation of Texas d/b/a Nortex Communications	TX	442116
Mukluk Telephone Company, Inc.	AK	613016
Mulberry Cooperative Telephone Company, Inc.	IN	320792
Mutual Telephone Company	IA	351252
Mutual Telephone Company	KS	411809
Mutual Telephone Company of Morning Sun	IA	351250
National Telephone of Alabama, Inc.	AL	250286
Nebraska Central Telephone Company	NE	371574
Nehalem Telecommunications, Inc. d/b/a Nehalem Tel. & Tel.	OR	532387
Nelson Communications Cooperative	WI	330918
Nelson-Ball Ground Telephone Company, Inc.	GA	220375
Nemont Telephone Cooperative, Inc.	ND	382247
Nemont Telephone Cooperative, Inc.	MT	482247
New Castle Tel. Co.	VA	193029
New Florence Telephone Company, Inc.	MO	421927
New Hope Telephone Cooperative	VA	190239
New Hope Telephone Cooperative	AL	250308
New Knoxville Telephone Company	OH	300639
New Lisbon Telephone Company, Inc.	IN	320796
New London Telephone Company	MO	421928
New Paris Telephone, Inc.	IN	320797
New Ulm Telecom, Inc.	MN	361442
New Windsor Telephone Company	IL	341062
Newport Telephone Company, Inc.	NY	150107
Niagara Telephone Company	WI	330920
Nicholville Telephone Company, Inc.	NY	150108
North Central Telephone Cooperative, Inc.	TN	290573
North Dakota Telephone Co.	ND	381447
North English Cooperative Telephone Company	IA	351257
North Penn Telephone Company	PA	170192
North State Telephone Company d/b/a North State Communications	NC	230491
North Texas Telephone Company	TX	442043

Certain material formerly found on this page now appears on 35th Revised Page 17-102.

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Northeast Florida Telephone Company, Inc.	FL	210335	
Northeast Iowa Telephone Company, Inc.	IA	351230	
Northeast Louisiana Telephone Company, Inc.	LA	270435	
Northeast Missouri Rural Telephone Company	MO	421931	
Northeast Nebraska Telephone Company	NE	371576	
Northeast Telephone Company	WI	330938	
Northern Arkansas Telephone Company	AR	401713	
Northern Iowa Telephone Company	IA	351259	
Northern Telephone Cooperative, Inc.	MT	482248	
Northfield Telephone Company	VT	140061	
North-State Telephone Company	OR	532388	(S)(x)
Northwest Communications Cooperative, Inc.	ND	381625	
Northwest Iowa Telephone, LLC	IA	351260	
Northwest Tel. Coop.	IA	351261	
Northwestern Indiana Tel. Co.	IN	320800	
Nova Telephone Company	OH	300644	
Noxapater Telephone Company, Inc.	MS	280461	
Nucla-Naturita Telephone Company	CO	462193	
Nunn Telephone Company	CO	462194	
Nushagak Electric & Telephone Cooperative, Inc.	AK	613018	
Oakman Telephone Company, Inc.	AL	250311	
Oakwood Mutual Telephone Company	OH	300645	
Odin Telephone Exchange, Inc.	IL	341065	
Ogden Telephone Company	MI	310714	
Ogden Telephone Company	IA	351263	
Oklahoma Communication Systems Inc.	OK	431984	
Oklahoma Western Telephone Company	OK	432014	
Oklatel Communications, Inc.	OK	432013	
Olin Telephone Company	IA	351264	
Oneida County Rural Telephone Company	NY	150111	
Oneida Telephone Exchange, Inc.	IL	341066	
Ontario Telephone Company, Inc.	NY	150112	
Ontonagon County Telephone Company	MI	310717	
Orchard Farm Tel. Co.	MO	421934	(N)
Oregon Farmers Mutual Telephone Company	MO	421935	
Oregon Telephone Corporation	OR	532389	
Oregon Telephone Corporation	OR	533336	
Oregon-Idaho Utilities, Inc.	OR	532390	
Orwell Telephone Company	OH	300649	
Osakis Telephone Company	MN	361448	

(x) All material coded with an "S" was originally filed under Transmittal No. 1472 and became effective on January 1, 2016.

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Otelco Mid-Missouri LLC	MO	421917	
Otelco Telephone LLC	AL	250312	
Ottoville Mutual Telephone Company	OH	300650	
OTZ Telephone	AK	613019	
Oxford County Telephone & Telegraph Company	ME	100019	
Oxford West Telephone Company	ME	100002	
Ozark Telephone Company	MO	421866	
Palmer Mutual Telephone Company	IA	351270	
Palmerton Telephone Company	PA	170196	
Palmetto Rural Telephone Cooperative	SC	240536	
Palo Cooperative Telephone Association	IA	351269	(N)
Panhandle Telephone Cooperative, Inc.	OK	432016	
Panora Communications Cooperative	IA	351271	
Park Region Mutual Telephone Company	MN	361450	
Partner Communications Cooperative	IA	351187	
Pattersonville Telephone Company	NY	150116	
Paul Bunyan Rural Telephone Cooperative	MN	361451	
PBT Telecom, Inc.	SC	240539	
Peace Valley Telephone Company	MO	421936	
Pembroke Telephone Company, Inc.	GA	220376	
Pembroke Telephone Cooperative	VA	190243	
Penasco Valley Telephone Cooperative, Inc.	NM	492270	
Pend Oreille Telephone Company	WA	522418	
Pennsylvania Tel. Co.	PA	170197	
Peoples Mutual Telephone Company, Inc.	VA	190244	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Peoples Rural Telephone Cooperative Corp.	KY	260415	
Peoples Telecommunications, LLC	KS	411814	
Peoples Telephone Company	TN	290576	
Peoples Telephone Company	IA	351273	
Peoples Telephone Company	MN	361453	
Peoples Telephone Company	OR	532391	
Peoples Telephone Company, Inc.	AL	250314	(T)
Peoples Telephone Cooperative	TX	442130	
Perkinsville Telephone Company	VT	140062	
Perry-Spencer Rural Telephone Cooperative Inc. d/b/a PSC	IN	320807	
Phillips County Telephone Company	CO	462197	
Piedmont Rural Telephone Cooperative, Inc.	SC	240538	
Pierce Telephone Company	NE	371581	
Pigeon Telephone Company	MI	310721	
Pine Belt Telephone Company, Inc.	AL	250315	
Pine Drive Telephone Company	CO	462198	
Pine Island Telephone Company	MN	361454	
Pine Tel. Co.	OK	432017	
Pine Telephone System	OR	532392	
Pine Tree Telephone LLC	ME	100020	
Pineland Telephone Cooperative, Inc.	GA	220377	
Pineville Telephone Company	NC	230494	
Pioneer Telephone Association, Inc.	KS	411817	
Pioneer Telephone Company	WA	522437	
Pioneer Telephone Cooperative	OR	532393	
Pioneer Telephone Cooperative, Inc.	OK	432018	
Plains Cooperative Telephone Assoc., Inc.	CO	462199	
Plainview Telephone Company, Inc.	NE	371582	
Plant Telephone Company	GA	220379	
Planters Rural Telephone Cooperative, Inc.	GA	220378	
Poka-Lambro Rural Telephone Cooperative, Inc.	TX	442131	
Polar Communications Mutual Aid Corporation	ND	381630	
Polar Communications Mutual Aid Corporation	ND	381614	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Ponderosa Tel. Co.	CA	542332	
Port Byron Telephone Company	NY	150118	
Potlatch Telephone Company, Inc.	ID	472230	
Pottawatomie Telephone Company	OK	432020	
Prairie Grove Telephone Company	AR	401718	
Prairie Telephone Company	IA	351344	
Preston Telephone Company	IA	351276	
Price County Telephone Company	WI	330937	
Progressive Rural Tel. Coop., Inc.	GA	220380	
Project Mutual Tel. Coop. Assn., Inc.	ID	472231	
Project Telephone Company, Inc.	MT	482250	
Public Service Telephone Company	GA	220381	
Pulaski-White Rural Tel. Coop., Inc.	IN	320813	
Pymatuning Independent Tel. Co.	PA	170200	
Quincy Telephone Company	FL	210338	
Quincy Telephone Company	GA	220338	
Radcliffe Telephone Company, Inc.	IA	351277	
Ragland Telephone Company	AL	250316	
Rainbow Telecommunications Association, Inc.	KS	411820	
Randolph Telephone Membership Corporation d/b/a Randolph Communications	NC	230496	(T)
Range Telephone Cooperative, Inc.	MT	482251	
Range Telephone Cooperative, Inc.	WY	512251	
RC Technologies	SD	391674	
Readlyn Telephone Company	IA	351278	
Red River Rural Telephone Association d/b/a Red River Communications	ND	381631	
Redwood County Telephone Company	MN	361472	
Reservation Telephone Cooperative	ND	381632	
Reserve Telephone Company	LA	270438	
Reynolds Telephone Company	IL	341075	
Rice Belt Telephone Company	AR	401721	
Richland-Grant Telephone Cooperative, Inc.	WI	330942	
Richmond Telephone Company	MA	110037	
Ridgeville Telephone Company	OH	300654	
Ridgeway Telephone Company, Inc.	SC	240541	
Ringgold Telephone Company	GA	220382	
Ringsted Telephone Company	IA	351280	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Rio Virgin Telephone Company, Inc.	NV	552356	
River Valley Telecommunications Coop.	IA	351189	
River Valley Telecommunications Coop.	IA	351284	(N)
Riverside Telecom, Inc.	WI	330943	
Riviera Telephone Company, Inc.	TX	442134	
Roanoke Tel. Co., Inc.	AL	250317	
Rochester Tel. Co. Inc.	IN	320815	
Rock County Tel. Co.	NE	371586	
Rock Port Telephone Company	MO	421942	
Rockwell Cooperative Telephone Association	IA	351282	
Ronan Tel. Co.	MT	482252	
Roome Telecommunications, Inc.	OR	532375	
Roosevelt County Rural Telephone Coop., Inc.	NM	492272	
Rothsay Telephone Company, Inc.	MN	361474	
Royal Telephone Company	IA	351283	
RT Communications, Inc.	WY	512251	
Runestone Telephone Association d/b/a Runestone Telecom Association	MN	361423	
Runestone Telephone Association d/b/a Runestone Telecom Association	MN	361475	
Rural Telephone Company	ID	472233	
Rural Telephone Company	NV	552233	
Rural Telephone Service Company, Inc. d/b/a/ Nex-Tech	KS	411826	
Rye Telephone Company, Inc.	CO	462203	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
S&A Telephone Co., Inc.	KS	411829	
S & T Telephone Cooperative Association	KS	411827	
Sac County Mutual Telephone Company	IA	351285	
Saco River Telephone LLC	ME	100022	(T)
Sacred Wind Communications, Inc.	NM	493403	
Saddleback Communications	AZ	457991	
Salem Telephone Company	KY	260417	
Salina-Spavinaw Tel. Co.	OK	432022	
Saluda Mountain Telephone Company	NC	230498	
San Carlos Apache Telecommunications Utility, Inc.	AZ	452169	
Sand Creek Telephone Company	MI	310725	
Sandhill Telephone Cooperative, Inc.	SC	240546	
Sandwich Isles Communications, Inc.	HI	623021	
Santa Rosa Telephone Cooperative, Inc.	OK	432141	
Santa Rosa Telephone Cooperative, Inc.	TX	442141	
Santel Communications Cooperative, Inc.	SD	391676	
Scandinavia Telephone Company	WI	330945	
Schaller Tel. Co.	IA	351291	
Scio Mutual Telephone Company	OR	532397	
Scott County Telephone Cooperative, Inc.	VA	190248	
Scott Rice Telephone Company d/b/a Integra Telecom	MN	361479	
Scranton Telephone Company	IA	351294	
Seneca Telephone Company	MO	421945	
Service Telephone Company	NC	230500	
Sharon Telephone Company	IA	351293	
Sharon Telephone Company	WI	330946	
Shawnee Telephone Company	IL	341025	
Shell Rock Communications, Inc.	IA	351295	
Shenandoah Telephone Company	VA	190250	
Shenandoah Telephone Company - NR	VA	197251	
Sherwood Mutual Telephone Association, Inc.	OH	300656	
Shiawassee Telephone Company	MI	310726	
Shidler Telephone Company	OK	432023	
Shoreham Telephone LLC	VT	140064	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Sierra Telephone Company, Inc.	CA	542338	(D)
Silver Star Telephone Company, Inc.	WY	512295	
Siren Telephone Company, Inc.	WI	330949	
Siskiyou Tel. Co.	CA	542339	
Skyline Telecom	UT	502283	
Skyline Telephone Membership Corp.	NC	230501	
Sledge Telephone Company, Inc.	MS	280466	
Sleepy Eye Telephone Company	MN	361483	
Smart City Telecommunications LLC d/b/a Smart City Telecom	FL	210330	
Smithville Communications, Inc. d/b/a Smithville Telephone Company	IN	320818	
Smithville Telephone Company, Inc.	MS	280467	
Somerset Telephone Company	ME	100024	
Somerset Telephone Company, Inc.	WI	330951	
South Arkansas Tel. Co., Inc.	AR	401702	
South Canaan Telephone Company, Inc.	PA	170205	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
South Central Communications, Inc.	IA	351888	
South Central Rural Tel. Coop. Corp., Inc.	KY	260418	
South Central Telephone Association, Inc.	KS	411831	
South Central Telephone Association, Inc.	OK	431831	
South Central Utah Tel. Assn., Inc.	UT	502286	
South Park Telephone Company	CO	462195	
South Plains Tel. Coop., Inc.	TX	442143	
South Slope Coop. Tel., Inc.	IA	351298	
South Slope Cooperative Telephone Company (Swisher)	IA	351304	
Southeast Mississippi Telephone Co.	MS	283301	
Southeast Nebraska Communications, Inc.	NE	371591	
Southeast Telephone Company of Wisconsin	WI	330952	
Southeastern Indiana Rural Telephone Cooperative Inc.	IN	320819	
Southern Kansas Telephone Co., Inc.	KS	411833	
Southern Montana Telephone Company	MT	482254	
Southwest Arkansas Telephone Cooperative, Inc.	AR	401724	
Southwest Telephone Exchange, Inc.	IA	351301	
Southwest Texas Telephone Company	TX	442135	
Southwestern Telephone Company	AZ	452174	
Spring Grove Communications	MN	361485	
Spring Valley Telephone Company, Inc.	WI	330953	
Springport Telephone Company	MI	310728	
Springville Coop. Tel. Assn., Inc.	IA	351302	
Spruce Knob Seneca Rocks Telephone Company	WV	200257	
SRT Communications, Inc.	ND	383303	
St. John Telephone, Inc.	WA	522442	(T)
St. Paul Cooperative Telephone Association	OR	532396	
St. Stephen Telephone Company	SC	240544	
Stanton Telecom Inc.	NE	371592	
Star Tel. Membership Corp.	NC	230502	
Star Telephone Company, Inc.	LA	270441	
Starbuck Telephone Company	MN	361487	
State Long Distance Telephone Company, LLC	WI	330955	
State Telephone Company	NY	150125	
Stayton Coop. Telephone Company	OR	532399	
Steelville Telephone Exchange, Inc.	MO	421949	
Stockbridge & Sherwood Telephone Company	WI	330954	
Stoutland Telephone Company	MO	421951	
Strasburg Telephone Company	CO	462207	
Stratford Mutual Telephone Company	IA	351305	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Sugar Valley Telephone Company	PA	170206	
Sully Telephone Association	IA	351306	
Sunflower Telephone Company, Inc.	KS	411835	
Sunflower Telephone Company, Inc.	CO	461835	
Sunman Telecommunications Corporation	IN	320825	
Surry Telephone Membership Corporation	NC	230497	
Surry Telephone Membership Corporation	NC	230503	
Swayzee Telephone Company, Inc.	IN	320826	
Sweetser Rural Telephone Company, Inc.	IN	320827	
Sycamore Telephone Company	OH	300658	
Table Top Telephone Company, Inc.	AZ	453334	
Taconic Telephone Corp.	NY	150084	
Tatum Telephone Company	TX	442150	
Taylor Telephone Cooperative, Inc.	TX	442151	
TCT West	WY	512296	
TeleGuam Holdings, LLC	GU	663800	
Telephone Service Company	OH	300659	
Tellico Telephone Company, Inc.	TN	290578	
Templeton Telephone Company	IA	351308	
Tenino Telephone Company	WA	522446	
Tennessee Telephone Company	TN	290575	
Tenney Telephone Company	WI	330958	
Terril Telephone Cooperative	IA	351309	
Thacker/Grigsby Telephone Company	KY	260419	
The Blair Telephone Company	NE	371524	
The Champaign Telephone Company	OH	300594	
The Citizens Telephone Company of Kecksburg	PA	170156	
The Easton Telephone Company	MN	361384	
The North-Eastern Pennsylvania Telephone Company	PA	170191	
Three River Telco	NE	371525	
Tidewater Telecom, Inc.	ME	100003	
Tipton Telephone Company, Inc.	IN	320829	
Titonka Telephone Company d/b/a Titonka-Burt Communications	IA	351114	(N)
Titonka Telephone Company d/b/a Titonka-Burt Communications	IA	351310	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Tohono O'Odham Utility Authority	AZ	452173	
Toledo Tel. Co., Inc.	WA	522447	
Tonica Telephone Company	IL	341086	
Topsham Tel. Co.	VT	140068	
Totah Communications, Inc.	KS	412030	
Totah Communications, Inc.	OK	432030	
Totelcom Communications, LLC	TX	442060	
Township Telephone Company, Inc.	NY	150129	
Trans-Cascades Telephone Company	OR	532378	
Trenton Telephone Company	GA	220389	
Triangle Telephone Cooperative Association, Inc.	MT	482257	(S)(x)
Triangle Telephone Cooperative Association, Inc. - CMC	MT	483310	(T)(M)
Tri-County Communications Cooperative, Inc.	WI	330960	
Tri-County Telephone Association, Inc.	KS	411839	
Tri-County Telephone Association, Inc.	WY	512296	
Tri-County Telephone Company, Inc.	IN	320830	(S)(x)
Tri-County Telephone Company, Inc.	AR	401726	
Tri-County Telephone Membership Corp.	NC	230505	

(x) All material coded with an "S" was originally filed under Transmittal No. 1472 on December 17, 2015 and became effective on January 1, 2016.

Certain material currently found on this page previously appeared on 28th Revised Page 17-91.

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number
Triotel Communications, Inc. – McCook	SD	391669
Triotel Communications, Inc. – Tri-County	SD	391682
Trumansburg Telephone Company, Inc.	NY	150131
Tularosa Basin Telephone Company, Inc.	NM	492265
Turtle Mountain Communications, Inc.	ND	381636
Twin Lakes Telephone Cooperative Corp.	TN	290579
Twin Valley Telephone, Inc.	KS	411840
Twin Valley-Ulen Telephone Company, Inc.	MN	361491
UBTA-UBET Communications, Inc. d/b/a Strata Networks	UT	502287
Union River Telephone Company	ME	100027
Union Springs Telephone Company, Inc.	AL	250322
Union Tel. Co.	NH	120049
Union Telephone Company	WI	330962
Union Telephone Company	WY	512297
United Farmers Telephone Company	IA	351316
United Telephone Association, Inc.	KS	411841
United Telephone Company d/b/a/ United Communications	TN	290581
United Telephone Mutual Aid Corp.	ND	381636
Unitel, Inc.	ME	100029
Upper Peninsula Telephone Company	MI	310732
Upsala Cooperative Telephone Association	MN	361494
UTELCO, Inc.	WI	330963
Valley Telecomm. Coop. Assn., Inc.	SD	391685
Valley Telephone Co., LLC	GA	220324
Valley Telephone Company	MN	361495
Valley Telephone Cooperative Inc.	TX	442159
Valley Telephone Cooperative, Inc.	AZ	452176
Valley Telephone Cooperative, Inc.	NM	492176
Valliant Telephone Company	OK	432032
Van Buren Telephone Company, Inc.	IA	351319
Van Horne Cooperative Telephone Company	IA	351320

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number
Venture Communications Cooperative	SD	391680
Venture Communications Cooperative	SD	391688
Venus Telephone Corporation	PA	170210
Vermont Telephone Co., Inc.	VT	147332
Vernon Communications Cooperative	WI	330966
Vernon Telephone Company, Inc.	NY	150133
Villisca Farmers Telephone Company	IA	351324
Viola Home Telephone Company	IL	341087
Virginia Telephone Company	VA	190253
Volcano Tel. Co.	CA	542343
Wabash Mutual Telephone Company	OH	300664
Wabash Telephone Cooperative, Inc.	IL	341088
Waitsfield-Fayston Telephone Co., Inc.	VT	140069
Waldron Telephone Company	MI	310734
Walnut Hill Telephone Company	AR	401729
Walnut Telephone Company	IA	351326
Wamego Telephone Company	KS	411845
War Telephone LLC	WV	200258
Warren Telephone Company	ME	100031
Washington County Rural Tel. Coop., Inc.	IN	320834
Waunakee Telephone Company	WI	330968
Wauneta Telephone Company	NE	371597
Waverly Hall Telephone, L.L.C.	GA	220392

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Webb-Dickens Telephone Corporation	IA	351327	(N)
Webster-Calhoun Coop. Tel. Assn.	IA	351328	
Wellman Cooperative Telephone Association	IA	351329	
West Carolina Rural Telephone Cooperative, Inc.	SC	240550	
West Central Telephone Association	MN	361501	
West Iowa Telephone Company d/b/a WesTel Systems	IA	351331	
West Kentucky Rural Telephone Cooperative Corporation, Inc.	KY	260421	
West Kentucky Rural Telephone Cooperative Corporation, Inc.	TN	290598	
West Liberty Telephone Company	IA	351332	
West Penobscot Telephone & Telegraph Company	ME	100034	
West Plains Telecommunications, Inc.	TX	442071	
West Point Telephone Company, Inc.	IN	320837	
West River Cooperative Telephone Company	SD	391689	
West River Telecommunications Cooperative	ND	381637	
West River Telecommunications Cooperative (Mobridge)	SD	391671	
West Side Telephone Company	PA	170277	
West Side Telephone Company	WV	200277	
West Tennessee Tel. Co., Inc.	TN	290583	
West Texas Rural Tel. Coop., Inc.	TX	442166	
West Wisconsin Telcom Coop., Inc.	WI	330971	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Western Iowa Telephone Association	IA	351334	
Western New Mexico Telephone Company, Inc.	NM	492268	
Western Telephone Company	MN	361502	
Western Wahkiakum County Telephone Company	WA	522451	
Wes-Tex Telephone Cooperative, Inc.	TX	442168	
Westphalia Telephone Company	MI	310735	
Westside Independent Telephone Company	IA	351335	(N)
Wheat State Telephone Company	KS	411847	
Whidbey Telephone Company	WA	522452	
Wiggins Telephone Association	CO	462209	
Wikstrom Telephone Company, Inc.	MN	361505	
Wilkes Telephone & Electric Company, Inc.	GA	220394	
Wilkes Telephone Membership Corp.	NC	230510	
Williston Telephone Company	SC	240551	
Wilson Tel. Co., Inc.	KS	411849	
Wilton Tel. Co.	NH	120050	
Wilton Telephone Company	IA	351336	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7(A) FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	
Winn Telephone Company	MI	310737	
Winnebago Cooperative Telecom Association	IA	351337	
Winnebago Cooperative Telecom Association	MN	361337	
Winsted Tel. Co.	MN	361507	
Winterhaven Telephone Company	CA	542323	
Winthrop Telephone Company	MN	361508	
Wittenberg Telephone Company	WI	330973	
Wolverine Telephone Company	MI	310738	
Wolverton Telephone Company	MN	361512	
Wolverton Telephone Company	ND	381509	
Wood County Telephone Company	WI	330974	
Woodhull Telephone Company	IL	341091	
Woodstock Telephone Company	MN	361510	
Wyoming Mutual Telephone Company	IA	351343	(N)
XIT Rural Telephone Cooperative, Inc.	TX	442170	
Yadkin Valley Telephone Membership Corp.	NC	230511	
YCOM Networks, Inc.	WA	522453	
Yelcot Telephone Company	AR	401733	
Yeoman Telephone Company, Inc.	IN	320839	
Yukon-Waltz Telephone Company	PA	170215	
Zumbrota Telephone Company	MN	361515	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7 (B) Multiline Business End User Common Line (MLB EUCL)FUSC Surcharge Factor

The Telephone Companies listed below will apply the MLB EUCL FUSC Surcharge Factor as described in Section 3.9.1(B), preceding, to the MLB EUCL charges and the FUSC Surcharge Factor described in Section 3.9.1 (A) to all other end user interstate access service charges.

Company Name	State	Study Area Number	MLB EUCL FUSC Surcharge Factor Rate Band	
Alteva of Warwick LLC	NY	150135	2	
Amelia Telephone Corporation	VA	190217	4	(D)
Arizona Telephone Company	AZ	452171	2	
Arvig Tel. Co.	MN	361350	5	(C)
Asotin Telephone Company	WA	522404	2	
Badger Telecom, Inc.	WI	330844	3	
Black Earth Telephone Company	WI	330849	3	
Blue Ridge Telephone Company	GA	220346	1	
Bonduel Telephone Company	WI	330851	3	
Bridgewater Telephone Co.	MN	361362	5	(C)
Burlington, Brighton & Wheatland Telephone Company	WI	330856	3	
Butler Tel. Co., Inc.	AL	250284	7	(C)

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7 (B) Multiline Business End User Common Line (MLB EUCL)FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	MLB EUCL FUSC Surcharge Factor Rate Band	
Calhoun City Telephone Company, Inc.	MS	280448	3	
Camden Telephone & Telegraph Company, Inc.	GA	220351	1	
Camden Telephone Company, Inc.	IN	320744	5	
Central State Telephone Company	WI	330859	3	
Chatham Telephone Company	MI	310685	6	
Chautauqua & Erie Tel. Corp.	NY	150078	10	
City of Brookings Municipal Telephone Department	SD	391650	14	(T)
Cleveland County Telephone Company, Inc.	AR	401698	11	
Columbus Grove Telephone Company	OH	300604	3	
Communications Corp. of Indiana	IN	320776	5	
Communications Corporation of Michigan	MI	310672	6	
Communications Corporation of Southern Indiana	IN	320809	5	
Community Service Telephone Company	ME	100015	13	
Comporium, Inc.	SC	240542	3	
Concord Telephone Exchange, Inc.	TN	290559	1	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7 (B) Multiline Business End User Common Line (MLB EUCL)FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	MLB EUCL FUSC Surcharge Factor Rate Band	
Decatur Telephone Company	AR	401699	11	
Delta County Tele-Comm, Inc.	CO	462184	3	(T)
Deposit Telephone Company, Inc.	NY	150089	5	
Dickeyville Telephone Corp.	WI	330875	3	
Eastcoast Telecom, Inc.	WI	330914	3	
Edwards Telephone Company, Inc.	NY	150092	5	
Empire Telephone Corporation	NY	150093	3	
Farmers Telephone Company	WI	330880	3	
Golden Belt Telephone Association, Inc.	KS	411777	2	
Grantland Tel. Co., Inc.	WI	330930	3	
Hampden Telephone Company	ME	100010	10	
Hancock Telephone Company	NY	150099	7	
Happy Valley Tel. Co.	CA	542321	4	
Hartland & St. Albans Telephone Company	ME	100011	10	
Hollis Telephone Company, Inc.	NH	123321	4	
Home Tel. Co. of Pittsboro	IN	320777	5	
Home Telephone Company, Inc.	IN	320778	5	
Humphrey's County Telephone Company	TN	290566	1	
Island Telephone Company	MI	310677	6	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7 (B) Multiline Business End User Common Line (MLB EUCL)FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	MLB EUCL FUSC Surcharge Factor Rate Band
Kearsarge Telephone Company	NH	120045	4
Lancaster Tel Co.	SC	240531	4
Leslie County Telephone Company	KY	260411	5
Lewis River Telephone Company, Inc.	WA	522427	2
Lewisport Telephone Company, Inc.	KY	260412	5
Ludlow Telephone Company	VT	140058	5
Marianna-Scenery Hill Tel. Co.	PA	170185	4
Marseilles Telephone Company of Marseilles	IL	341050	1
McClellanville Telephone Company, Inc.	SC	240533	2
McDaniel Telephone Company	WA	522430	2
Merrimack County Tel. Co. d/b/a Contoocook Valley Tel. Co.	NH	123321	4
Merrimack County Telephone Company	NH	120047	4
Mid State Telephone Company, Inc.	MN	361433	5
Mid State Telephone Company, Inc. d/b/a K M P Telephone Company	MN	361413	5
Mid-America Telephone, Inc.	OK	432010	5
Mid-Plains Telephone, Inc.	WI	330881	3
Midway Telephone Company, Inc.	WI	330909	3
Mosinee Telephone Company, LLC	WI	330915	3
Mt. Vernon Telephone Company	WI	330917	3

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7 (B) Multiline Business End User Common Line (MLB EUCL)FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	MLB EUCL FUSC Surcharge Factor Rate Band	
Nelson-Ball Ground Telephone Company, Inc.	GA	220375	1	
New Castle Tel. Co.	VA	193029	4	
New London Telephone Company	MO	421928	7	
North State Telephone Company d/b/a North State Communications	NC	230491	2	
Northfield Telephone Company	VT	140061	5	
Oakman Telephone Company, Inc.	AL	250311	7	
Oklahoma Communication Systems, Inc.	OK	431984	5	(T)
Peoples Telephone Company, Inc.	AL	250314	7	(T)
Perkinsville Telephone Company	VT	140062	5	
Port Byron Telephone Company	NY	150118	5	
Potlatch Telephone Company, Inc.	ID	472230	3	
Quincy Telephone Company	FL	210338	5	
Quincy Telephone Company	GA	220338	1	
Redwood County Telephone Company	MN	361472	5	
Rio Virgin Telephone Company, Inc.	NV	552356	1	
Riverside Telecom, Inc.	WI	330943	3	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7 (B) Multiline Business End User Common Line (MLB EUCL)FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	MLB EUCL FUSC Surcharge Factor Rate Band	
Salem Telephone Company	KY	260417	5	
Scandinavia Telephone Company	WI	330945	3	
Shiawassee Telephone Company	MI	310726	6	
Somerset Telephone Company	ME	100024	10	
Southeast Mississippi Telephone Co.	MS	283301	3	
Southeast Telephone Company of Wisconsin	WI	330952	3	
Southwestern Telephone Company	AZ	452174	2	
SRT Communications, Inc.	ND	383303	2	
St. Stephen Telephone Company	SC	240544	2	
State Long Distance Telephone Company, LLC	WI	330955	3	(T)
Stockbridge & Sherwood Telephone Company	WI	330954	3	
Stoutland Telephone Company	MO	421951	6	
Strasburg Telephone Company	CO	462207	3	
Surry Telephone Membership Corporation	NC	230503	9	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7 (B) Multiline Business End User Common Line (MLB EUCL)FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	MLB EUCL FUSC Surcharge Factor Rate Band	
Taconic Telephone Corp.	NY	150084	7	(T)
Tellico Telephone Company, Inc.	TN	290578	1	
Tennessee Telephone Company	TN	290575	1	
Tenney Telephone Company	WI	330958	3	
The Champaign Telephone Company	OH	300594	2	(T)
Tipton Telephone Company, Inc.	IN	320829	5	
Township Telephone Company, Inc.	NY	150129	5	
Tri-County Telephone Company, Inc.	IN	320830	5	(T)
Union Tel. Co.	NH	120049	4	
UTELCO, Inc.	WI	330963	3	
Vernon Telephone Company, Inc.	NY	150133	5	
Virginia Telephone Company	VA	190253	4	
Warren Telephone Company	ME	100031	10	
Waunakee Telephone Company	WI	330968	3	
West Penobscot Telephone & Telegraph Company	ME	100034	10	
West Point Telephone Company, Inc.	IN	320837	5	
Westphalia Telephone Company	MI	310735	2	
Williston Telephone Company	SC	240551	2	
Wilton Tel. Co.	NH	120050	4	

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17. Rates and Charges (Cont'd)

17.7 Federal Universal Service Charge (Cont'd)

17.7 (B) Multiline Business End User Common Line (MLB EUCL)FUSC Surcharge Factor (Cont'd)

Company Name	State	Study Area Number	MLB EUCL FUSC Surcharge Factor Rate Band	
Winsted Tel. Co.	MN	361507	5	(C)
Winterhaven Telephone Company	CA	542323	4	
Wolverine Telephone Company	MI	310738	6	
Woodstock Telephone Company	MN	361510	4	(C)

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge

The Telephone Companies listed below will bill the applicable monthly Residential (RES), Single Line Business (SLB), or Multiline Business (MLB) Access Recovery Charge (ARC) as described in Section 13.15, preceding.

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
3 Rivers Telephone Cooperative, Inc.	MT	482255	All	All	$0.40		$2.00	(I)	$3.00
Absaraka Coop. Tel. Co.	ND	381601	All	All	$2.00	(I)	$2.00		$3.00
Accipiter Communications, Inc. d/b/a Zona Communications	AZ	452191	All	All	$2.00		$2.00		$3.00
Ace Telephone Association	IA	351346	All	All	$2.00		$2.00		$3.00
Ace Telephone Association	MN	361346	Brownsville	All	$2.00		$2.00		$3.00
			Canton	All	$2.00		$2.00		$3.00
			Dakota	All	$2.00		$2.00		$3.00
			Eitzen	All	$2.00		$2.00		$3.00
			Granger	All	$2.00	(I)	$2.00		$3.00
			Hokah	All	$0.00		$2.00		$3.00
			Houston	All	$2.00	(I)	$2.00		$3.00
			LaCrescent	All	$2.00		$2.00		$3.00
			Lanesboro	All	$2.00		$2.00		$3.00
			New Albin MN	All	$2.00		$2.00		$3.00
			Ostrander	All	$2.00		$2.00		$3.00
			Peterson	All	$2.00		$2.00		$3.00
			Rushford	All	$2.00	(I)	$2.00	(I)	$3.00

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Ace Telephone Company of Michigan, Inc.	MI	310704	Buckley	Benzie	$0.00		$2.00	(I)	$3.00	
			Buckley	Grand Traverse	$1.05	(R)	$2.00		$3.00	
			Buckley	Manistee	$1.72	(I)	$2.00		$3.00	
			Buckley	Wexford	$1.46	(R)	$2.00		$3.00	
			Copemish	Benzie	$0.00		$2.00		$3.00	
			Copemish	Manistee	$1.72	(I)	$2.00	(I)	$3.00	
										(D)
			Hoxeyville	Lake	$1.83	(I)	$2.00	(I)	$3.00	
			Hoxeyville	Manistee	$1.72	(I)	$2.00		$3.00	
			Hoxeyville	Wexford	$1.46	(R)	$2.00		$3.00	
			Mesick	Manistee	$1.72	(I)	$2.00		$3.00	
			Mesick	Wexford	$1.46	(R)	$2.00		$3.00	
			South Boardman	GT	$1.05	(R)	$2.00		$3.00	
			South Boardman	Kalkaska	$0.00		$2.00		$3.00	
Ace Telephone Company of Michigan, Inc. - Allendale	MI	310669	All	All	$0.91	(I)	$0.91		$1.82	(I)
Ace Telephone Company of Michigan, Inc. - Drenthe	MI	310692	Drenthe	Allegan	$0.00		$2.00		$3.00	
			Drenthe	Ottawa	$1.43	(R)	$2.00		$3.00	
Ace Telephone Company of Michigan, Inc. – Old Mission	MI	310777	All	All	$1.05	(R)	$2.00		$3.00	
Adak Eagle Enterprises, LLC d/b/a/Adak Telephone Utility	AK	610989	All	All	$0.00		$2.00	(I)	$3.00	

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
Adams Telephone Co-Operative	IL	340976	Augusta	All	$0.00		$2.00	(I)	$3.00
			Chambersburg	All	$0.00		$2.00		$3.00
			Coatsburg	All	$0.80	(R)	$2.00		$3.00
			Fishhook	All	$0.00		$2.00		$3.00
			Golden	All	$0.80	(R)	$2.00		$3.00
			Hersman	All	$0.00		$2.00		$3.00
			Lima	All	$0.80	(R)	$2.00		$3.00
			Loraine	All	$0.80		$2.00		$3.00
			Mendon	All	$0.80		$2.00		$3.00
			Meyer	All	$0.80		$2.00		$3.00
			Mindale	All	$0.00	(R)	$2.00		$3.00
			Plymouth	All	$0.00		$2.00		$3.00
			Ursa	All	$0.80	(R)	$2.00		$3.00
Agate Mutual Telephone Cooperative Association	CO	462178	All	All	$2.00	(I)	$2.00		$3.00
Alaska Telephone Company	AK	613017	All	All	$0.00		$2.00		$3.00
Albany Mutual Telephone Assn., Inc.	MN	361347	All	All	$2.00	(I)	$2.00	(I)	$3.00

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
Albion Telephone Company d/b/a ATC Communications	ID	472213	Albion	Base rate	$0.00		$2.00	(I)	$3.00
			Albion	1	$0.00	(R)	$2.00		$3.00
			Albion	2	$0.00	(R)	$2.00		$3.00
			Almo	Base rate	$0.00		$2.00		$3.00
			Almo	1	$0.00	(R)	$2.00		$3.00
			Almo	2	$0.00	(R)	$2.00		$3.00
			Arco	Base rate	$0.00		$2.00		$3.00
			Arco	1	$0.00	(R)	$2.00		$3.00
			Arco	2	$0.00	(R)	$2.00		$3.00
			Elba	Base rate	$0.00		$2.00		$3.00
			Elba	1	$0.00	(R)	$2.00		$3.00
			Elba	2	$0.00	(R)	$2.00		$3.00
			Holbrook	Base rate	$0.00		$2.00		$3.00
			Holbrook	1	$0.00	(R)	$2.00		$3.00
			Holbrook	2	$0.00	(R)	$2.00		$3.00
			Howe	Base rate	$0.00		$2.00		$3.00
			Howe	1	$0.00	(R)	$2.00		$3.00
			Howe	2	$0.00	(R)	$2.00		$3.00
			Mackay	Base rate	$0.00		$2.00		$3.00
			Mackay	1	$0.00	(R)	$2.00		$3.00
			Mackay	2	$0.00	(R)	$2.00		$3.00
			Malad	Base rate	$0.00		$2.00		$3.00
			Malad	1	$0.00	(R)	$2.00		$3.00
			Malad	2	$0.00	(R)	$2.00	(I)	$3.00

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC
Albion Telephone Company d/b/a ATC Communications (Cont'd)	ID	472213	Malta	Base rate	$0.00		$2.00	(I)	$3.00
			Malta	1	$0.00	(R)	$2.00		$3.00
			Malta	2	$0.00	(R)	$2.00		$3.00
			Moore	Base rate	$0.00		$2.00		$3.00
			Moore	1	$0.00	(R)	$2.00		$3.00
			Moore	2	$0.00	(R)	$2.00		$3.00
			Raft River	Base rate	$0.00		$2.00		$3.00
			Raft River	1	$0.00	(R)	$2.00		$3.00
			Raft River	2	$0.00	(R)	$2.00		$3.00
			Yost	Base rate	$0.00		$2.00		$3.00
			Yost	1	$0.00	(R)	$2.00		$3.00
			Yost	2	$0.00	(R)	$2.00		$3.00
Alenco Communications, Inc.	TX	442090	All	All	$2.00	(I)	$2.00		$3.00
Alhambra-Grantfork Telephone Company	IL	340978	All	All	$2.00		$2.00		$3.00
All West Communications, Inc.	UT	502288	Coalville	All	$2.00		$2.00		$3.00
			Deer Mountain	All	$1.29		$2.00		$3.00
			Jordanelle	All	$1.29		$2.00		$3.00
			Kamas	All	$2.00		$2.00		$3.00
			Randolph	All	$2.00		$2.00		$3.00
			Timberlakes	All	$2.00	(I)	$2.00		$3.00
All West Communications, Inc.	WY	512290	All	All	$0.00		$2.00	(I)	$3.00

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
Allband Communications Cooperative	MI	310542	All	All	$0.00	$2.00	$3.00
Alliance Communications Cooperative, Inc. - Baltic	SD	391642	All	All	$2.00	$2.00	$3.00
Alliance Communications Cooperative, Inc. - IA	IA	351405	All	All	$2.00	$2.00	$3.00
Alliance Communications Cooperative, Inc. - MN	MN	361405	All	All	$2.00	$2.00	$3.00
Alliance Communications Cooperative, Inc. - SD	SD	391405	All	All	$2.00	$2.00	$3.00
Alliance Communications Cooperative, Inc. - Splitrock	SD	391657	All	All	$2.00	$2.00	$3.00
Alma Communications Company d/b/a Alma Telephone Company	MO	421860	All	All	$2.00	$2.00	$3.00
Alma Telephone Company, Inc.	GA	220344	All	All	$2.00	$2.00	$3.00
Alpine Communications, L.C.	IA	351106	All	All	$2.00	$2.00	$3.00
Alteva of Warwick LLC	NJ	160135	All	All	$2.00	$2.00	$3.00
Alteva of Warwick LLC	NY	150135	All	All	$2.00	$2.00	$3.00

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
American Samoa Telecommunications Authority	AS	673900	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Amery Telcom, Inc.	WI	330842	All	All	$2.00		$2.00		$3.00	
Amherst Telephone Company	WI	330843	All	All	$2.00		$2.00		$3.00	
Andrew Telephone Company, Inc.	IA	351097	All	All	$2.00		$2.00		$3.00	
Arapahoe Telephone Company	NE	371516	All	All	$2.00	(I)	$2.00		$3.00	
Arcadia Telephone Company	OH	300585	All	All	$0.00		$2.00		$3.00	
Arcadia Telephone Cooperative	IA	351098	All	All	$2.00	(I)	$2.00		$3.00	
Arctic Slope Tel. Assn. Coop., Inc.	AK	613001	All	All	$0.00		$2.00		$3.00	
Ardmore Tel. Co., Inc.	TN	290280	All	All	$2.00	(I)	$2.00	(I)	$3.00	(D)
Arkansas Telephone Company, Inc.	AR	401692	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Arkwest Communications, Inc.	AR	401734	All	All	$2.00	(I)	$2.00		$3.00	
Arlington Telephone Company	NE	371517	All	All	$0.00		$2.00	(I)	$3.00	

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
Armstrong Tel. Co.	WV	200267	Cairo-CC	All	$2.00	(I)	$2.00	(I)	$3.00
			Cairo-CCP	All	$2.00	(I)	$2.00		$3.00
			Cairo-FQ	All	$0.00		$2.00		$3.00
			Cairo-TC	All	$2.00	(I)	$2.00		$3.00
			Ellenboro-CC	All	$2.00		$2.00		$3.00
			Ellenboro-CCP	All	$2.00	(I)	$2.00		$3.00
			Ellenboro-FQ	All	$0.00		$2.00		$3.00
			Ellenboro-TC	All	$2.00	(I)	$2.00		$3.00
			Harrisville-CC	All	$2.00		$2.00		$3.00
			Harrisville-CCP	All	$2.00	(I)	$2.00		$3.00
			Harrisville-FQ	All	$0.00		$2.00		$3.00
			Harrisville-TC	All	$2.00	(I)	$2.00		$3.00
			Lawford-CC	All	$2.00		$2.00		$3.00
			Lawford-CCP	All	$2.00	(I)	$2.00		$3.00
			Lawford-FQ	All	$0.00		$2.00		$3.00
			Lawford-TC	All	$2.00	(I)	$2.00		$3.00
			Rockport-CC	All	$2.00		$2.00		$3.00
			Rockport-CCP	All	$2.00	(I)	$2.00		$3.00
			Rockport-FQ	All	$0.00		$2.00		$3.00
			Rockport-TC	All	$2.00	(I)	$2.00	(I)	$3.00

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
Armstrong Tel. Co.(Cont'd)	WV	200267	Smithville-CC	All	$2.00	(I)	$2.00	(I)	$3.00
			Smithville-CCP	All	$2.00	(I)	$2.00		$3.00
			Smithville-FQ	All	$0.00		$2.00		$3.00
			Smithville-TC	All	$2.00	(I)	$2.00		$3.00
Armstrong Tel. Co. - NY	NY	150071	All	All	$0.15	(R)	$2.00		$3.00
Armstrong Tel. Co. - PA	PA	170189	All	All	$2.00	(I)	$2.00		$3.00
Armstrong Tel. Co. of West Virginia	WV	200256	Hamlin-CC	All	$2.00	(I)	$2.00		$3.00
			Hamlin-CCP	All	$0.00		$2.00		$3.00
			Hamlin-FQ	All	$0.00		$2.00		$3.00
			Hamlin-TC	All	$2.00	(I)	$2.00		$3.00
Armstrong Telephone Company North	PA	170195	All	All	$2.00		$2.00		$3.00
Armstrong Telephone Company of MD	MD	180216	All	All	$2.00	(I)	$2.00	(I)	$3.00

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Arrowhead Communications Corporation	MN	361374	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Arthur Mutual Telephone Company	OH	300586	All	All	$2.00		$2.00		$3.00	
Asotin Telephone Company	WA	522404	All	All	$2.00		$2.00		$3.00	
Asotin Telephone Company	OR	532404	All	All	$2.00		$2.00		$3.00	
Atkins Telephone Company, Inc.	IA	351101	All	All	$2.00		$2.00		$3.00	
Atlas Telephone Company	OK	431966	All	All	$2.00		$2.00		$3.00	
Ayersville Telephone Company	OH	300588	All	All	$2.00		$2.00		$3.00	
Ayrshire Farmers Mutual Telephone Company	IA	351105	All	All	$2.00		$2.00		$3.00	
Baca Valley Telephone Company	NM	492259	All	All	$2.00		$2.00		$3.00	
Baldwin Nashville Telephone Company, Inc.	IA	351107	All	All	$2.00		$2.00		$3.00	
Baldwin Telecom, Inc.	WI	330846	All	All	$2.00		$2.00		$3.00	
Ballard Rural Tel. Coop. Corp., Inc.	KY	260396	All	All	$2.00	(I)	$2.00		$3.00	
Baraga Telephone Company	MI	310675	All	All	$0.00		$2.00		$3.00	
Barnardsville Telephone Company	NC	230469	All	All	$2.00	(I)	$2.00		$3.00	
Barnes City Coop. Telephone Company	IA	351108	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Barry County Telephone Company	MI	310676	All	All	$0.00		$0.40	(R)	$0.60	(R)
Bascom Mutual Telephone Company	OH	300589	All	All	$2.00	(I)	$2.00	(I)	$3.00	

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
Bay Springs Telephone Company, Inc.	MS	280446	Bay Springs	Plan A	$0.00		$2.00	(I)	$3.00
			Bay Springs	Plan B	$2.00	(I)	$2.00		$3.00
			Bay Springs	Plan C	$1.20	(R)	$2.00		$3.00
			Bay Springs	Plan D	$0.00		$2.00		$3.00
			Big Creek	Plan A	$0.00		$2.00		$3.00
			Big Creek	Plan C	$1.20	(R)	$2.00		$3.00
			Homewood	Plan A	$0.00		$2.00		$3.00
			Homewood	Plan B	$2.00	(I)	$2.00		$3.00
			Homewood	Plan C	$1.20	(R)	$2.00		$3.00
			Homewood	Plan D	$0.00		$2.00		$3.00
			Louin	Plan A	$0.00		$2.00		$3.00
			Louin	Plan C	$1.20	(R)	$2.00		$3.00
			Old Taylorsville	Plan A	$0.00		$2.00		$3.00
			Old Taylorsville	Plan C	$1.20	(R)	$2.00		$3.00
			Old Taylorsville	Plan D	$0.00		$2.00		$3.00
			Pittman	Plan A	$0.00		$2.00		$3.00
			Pittman	Plan C	$1.20	(R)	$2.00		$3.00
			Polkville	Plan A	$0.00		$2.00		$3.00
			Polkville	Plan C	$1.20	(R)	$2.00		$3.00
			Polkville	Plan D	$0.00		$2.00		$3.00
			Rose Hill	Plan A	$0.00		$2.00		$3.00
			Rose Hill	Plan C	$1.20	(R)	$2.00	(I)	$3.00

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
Bay Springs Telephone Company, Inc. (Cont'd)	MS	280446	Soso	Plan A	$0.00		$2.00	(I)	$3.00
			Soso	Plan C	$1.20	(R)	$2.00		$3.00
			Soso	Plan D	$0.00		$2.00		$3.00
			Sylvarena	Plan A	$0.00		$2.00		$3.00
			Sylvarena	Plan C	$1.20	(R)	$2.00		$3.00
			Sylvarena	Plan D	$0.00		$2.00		$3.00
			Walters	Plan A	$0.00		$2.00		$3.00
			Walters	Plan B	$2.00	(I)	$2.00		$3.00
			Walters	Plan C	$1.20	(R)	$2.00		$3.00
			White Oak	Plan A	$0.00		$2.00		$3.00
			White Oak	Plan C	$1.20	(R)	$2.00		$3.00
			White Oak	Plan D	$0.00		$2.00	(I)	$3.00

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	SLB ARC	MLB ARC
Bayland Telephone, LLC	WI	330925	All	All	$2.00	$2.00	$3.00
Bear Lake Communications	UT	503032	All	All	$2.00	$2.00	$3.00
Beaver Creek Coop. Tel. Co.	OR	532359	All	All	$0.00	$2.00	$3.00
Beehive Telephone Co. Inc., Nevada	NV	552284	All	All	$2.00	$2.00	$3.00
Beehive Telephone Company, Inc.	UT	502284	All	All	$2.00	$2.00	$3.00
Beggs Telephone Company	OK	431968	All	All	$2.00	$2.00	$3.00
BEK Communications Cooperative	ND	381604	Hazelton	All	$2.00	$2.00	$3.00
			Kintyre	All	$2.00	$2.00	$3.00
			Lehr	All	$2.00	$2.00	$3.00
			Linton	All	$2.00	$2.00	$3.00
			Mckenzie	All	$0.51	$2.00	$3.00
			Napolean	All	$2.00	$2.00	$3.00
			Pettibone	All	$2.00	$2.00	$3.00
			Regan	All	$2.00	$2.00	$3.00
			Robinson	All	$2.00	$2.00	$3.00
			Steele	All	$2.00	$2.00	$3.00
			Sterling	All	$0.51	$2.00	$3.00
			Strasburg	All	$2.00	$2.00	$3.00
			Tappen	All	$2.00	$2.00	$3.00
			Tuttle	All	$2.00	$2.00	$3.00
			Wilton	All	$0.51	$2.00	$3.00
			Wing	All	$2.00	$2.00	$3.00
			Wishek	All	$2.00	$2.00	$3.00
			Zeeland	All	$2.00	$2.00	$3.00
Belmont Telephone Co.	WI	330847	All	All	$2.00	$2.00	$3.00
Ben Lomand Rural Telephone Cooperative, Inc.	TN	290553	All	All	$2.00	$2.00	$3.00

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Benkelman Telephone Company, Inc.	NE	372455	All	All	$1.14	(I)	$2.00	(I)	$3.00	
Bentleyville Communications Corporation t/d/b/a The Bentleyville Telephone Company	PA	170145	All	All	$0.50		$0.50		$1.00	(N) (N)
Benton Cooperative Telephone Company	MN	361356	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Benton Ridge Telephone Company	OH	300590	All	All	$2.00		$2.00		$3.00	
Beresford Municipal Telephone Company	SD	391649	All	All	$2.00		$2.00		$3.00	
Bergen Telephone Company	WI	330848	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Berkshire Telephone Company	NY	150073	All	All	$0.50		$0.50		$1.00	(N)
Bernard Telephone Company, Inc.	IA	351110	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Bettles Telephone Company	AK	613002	All	All	$0.00		$2.00		$3.00	
Big Bend Telephone Company, Inc.	TX	442039	All	All	$2.00	(I)	$2.00	(I)	$3.00	(D)
Bijou Telephone Cooperative Association, Inc.	CO	462181	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Black Earth Telephone Company	WI	330849	All	All	$0.00		$0.50	(I)	$1.00	(I)
Blackfoot Telephone Cooperative, Inc.	MT	482235	All	All	$0.00		$0.57	(R)	$0.84	(R)
Blackfoot Telephone Cooperative, Inc.	MT	483308	All	All	$0.00		$2.00	(I)	$3.00	(D)
Blanchard Telephone Co.	MI	310678	All	All	$0.00	(R)	$2.00	(I)	$3.00	
Bledsoe Tel. Coop.	TN	290554	All	All	$2.00	(I)	$2.00	(I)	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Bloomer Telephone Company	WI	330850	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Bloomingdale Home Telephone Company, Inc.	IN	320742	All	All	$2.00		$2.00		$3.00	
Bloomingdale Telephone Company	MI	310679	All	All	$1.72		$1.79		$3.00	(I)
Blossom Telephone Company	TX	442038	All	All	$2.00		$2.00		$3.00	
Blountsville Telephone LLC	AL	250282	All	All	$1.88	(I)	$2.00	(I)	$3.00	
										(D) (D)
Blue Valley Tele-Communications, Inc.	KS	411746	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Bluestem Telephone Company	KS	411835	All	All	$0.19		$0.19		$0.39	(N)
Bonduel Telephone Company	WI	330851	All	All	$0.00		$2.00	(I)	$3.00	
Border to Border Communications, Inc.	TX	442073	All	All	$0.00		$2.00		$3.00	
BPS Telephone Company	MO	420463	All	All	$2.00	(I)	$2.00		$3.00	
Brandenburg Telephone Company	KY	260398	All	All	$2.00		$2.00		$3.00	
Brantley Telephone Company, Inc.	GA	220347	All	All	$2.00		$2.00		$3.00	
Brazoria Telephone Company	TX	442040	All	All	$2.00		$2.00		$3.00	
Brazos Telephone Cooperative, Inc.	TX	442041	All	All	$2.00		$2.00		$3.00	
Breda Telephone Corporation	IA	351112	Breda	All	$2.00		$2.00		$3.00	
			Lidderdale	All	$2.00	(I)	$2.00		$3.00	
			Macedonia	All	$0.00		$2.00	(I)	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
Bretton Woods Telephone Company	NH	120038	All	All	$2.00	$2.00	$3.00
Bristol Bay Tel. Coop., Inc.	AK	613003	All	All	$0.00	$2.00	$3.00
Brooklyn Mutual Telephone Company	IA	351113	All	All	$2.00	$2.00	$3.00
Bruce Telephone Company, Inc.	MS	280447	All	All	$2.00	$2.00	$3.00
Bruce Telephone Company, Inc.	WI	330855	All	All	$2.00	$2.00	$3.00
Buckland Telephone Company	OH	300591	All	All	$2.00	$2.00	$3.00
Buggs Island Telephone Cooperative	VA	190219	All	All	$2.00	$2.00	$3.00
Bulloch County Rural Telephone Coop., Inc.	GA	220348	All	All	$2.00	$2.00	$3.00
Burke's Garden Telephone Company, Inc.	VA	190220	Burkes Garden Tel. Co.	All	$2.00	$2.00	$3.00
			Burkes Garden Tel. 1	All	$2.00	$2.00	$3.00
			Burkes Garden Tel. Co. 2	All	$1.13	$2.00	$3.00
Burlington, Brighton & Wheatland Telephone Company	WI	330856	All	All	$2.00	$2.00	$3.00
Bush-Tel, Inc.	AK	613004	All	All	$0.00	$2.00	$3.00
Butler-Bremer Mutual Telephone Company, Inc.	IA	351115	All	All	$2.00	$2.00	$3.00

Certain material formerly found on this page now appears on 5th Revised Page 17-131 and 4th Revised Page 17-134.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
Calaveras Tel. Co.	CA	542301	Copperopdis	All	$2.00	$2.00	$3.00
			Jenny Lind	All	$1.32	$2.00	$3.00
Calhoun City Telephone Company, Inc.	MS	280448	All	All	$2.00	$2.00	$3.00
Callaway Telephone Exchange	MN	361365	All	All	$2.00	$2.00	$3.00
Cal-Ore Telephone Co.	CA	542311	All	All	$2.00	$2.00	$3.00
Cambridge Telephone Company	IL	340983	All	All	$2.00	$2.00	$3.00
Cambridge Telephone Company	NE	371526	All	All	$2.00	$2.00	$3.00
Cambridge Telephone Company, Inc.	ID	472215	All	All	$0.00	$2.00	$3.00
Camden Telephone Company, Inc.	IN	320744	All	All	$0.00	$2.00	$3.00
Cameron Telephone Company	LA	270425	All	All	$2.00	$2.00	$3.00
Cameron Telephone Company	TX	440425	All	All	$2.00	$2.00	$3.00
Campti-Pleasant Hill Telephone Company	LA	270426	All	All	$2.00	$2.00	$3.00
Canadian Valley Telephone Company	OK	431974	All	All	$2.00	$2.00	$3.00
Canby Telephone Association	OR	532362	Canby	All	$0.00	$2.00	$3.00
			Canby-E phone	All	$1.50	$2.00	$3.00
Cap Rock Telephone Cooperative	TX	442046	All	All	$2.00	$2.00	$3.00
Carnegie Telephone Company	OK	431976	All	All	$2.00	$2.00	$3.00
Carr Telephone Company	MI	310683	All	All	$0.50	$0.50	$1.00
Cascade Communications Company	IA	351118	All	All	$2.00	$2.00	$3.00
Cascade Utilities, Inc.	OR	532371	All	All	$0.00	$2.00	$3.00
Casey Mutual Telephone Company	IA	351119	All	All	$2.00	$2.00	$3.00

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC
Cass Telephone Company	IL	340984	Ashland	Base rate	$0.00		$2.00	(I)	$3.00
			Ashland	Safety Line	$0.00	(R)	$2.00		$3.00
			Chandlerville	Base rate	$0.00		$2.00		$3.00
			Chandlerville	Safety Line	$0.00	(R)	$2.00		$3.00
			Easton	Base rate	$0.00		$2.00		$3.00
			Easton	Safety Line	$0.00	(R)	$2.00		$3.00
			Virginia	Base rate	$0.00		$2.00		$3.00
			Virginia	Safety Line	$0.00	(R)	$2.00		$3.00
Cassadaga Telephone Corporation	NY	150076	All	All	$2.00	(I)	$2.00		$3.00
Castleberry Telephone Company, Inc.	AL	250285	All	All	$2.00	(I)	$2.00	(I)	$3.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
Center Junction Telephone Company	IA	351121	All	All	$2.00	$2.00	$3.00
Central Arkansas Tel. Coop., Inc.	AR	401697	All	All	$2.00	$2.00	$3.00
Central Oklahoma Telephone Co., L.L.C.	OK	431977	All	All	$2.00	$2.00	$3.00
Central Scott Telephone	IA	351125	All	All	$2.00	$2.00	$3.00

Certain material formerly found on this page now appears on 3rd Revised Page 17-177.2 for Triangle Telephone Cooperative Association, Inc. – CMC.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange		Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
Central Texas Tel. Co-op., Inc.	TX	442052	All		All	$2.00	(I)	$2.00	(I)	$3.00	
Central Utah Telephone, Inc.	UT	502277	All		All	$2.00		$2.00		$3.00	
Champlain Tel. Co.	NY	150077	Champlain	(T)	All	$2.00	(I)	$2.00	(I)	$3.00	
			Mooers		All	$1.10		$2.00		$3.00	(N)
			Rouses Point		All	$2.00		$2.00		$3.00	(N)
Chariton Valley Telephone Corporation	MO	421864	All		All	$2.00	(I)	$2.00	(I)	$3.00	
Chatham Telephone Company	MI	310685	All		All	$0.00		$2.00		$3.00	
Chautauqua & Erie Tel. Corp.	NY	150078	All		All	$1.00	(I)	$1.00		$2.00	(I)
Chazy & Westport Telephone Corporation	NY	150079	All	(T)	All	$0.15	(R)	$2.00	(I)	$3.00	
											(D)
											(D)

Director - Access Tariffs
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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Chequamegon Communications Cooperative, Inc.	WI	330860	All	All	$0.00	(R)	$2.00	(I)	$3.00	
Cherokee Telephone Company	OK	431979	All	All	$2.00	(I)	$2.00		$3.00	
Cheyenne River Sioux Tribal Telephone Authority	SD	391647	Dupree (T)	Base rate (T)	$2.00	(I)	$2.00	(I)	$3.00	
			Dupree	Farm & Ranch	$1.60		$2.00		$3.00	(N)
			Eagle Butte	Base rate	$2.00		$2.00		$3.00	
			Eagle Butte	Farm & Ranch	$1.60		$2.00		$3.00	
			Isabel	Base rate	$2.00		$2.00		$3.00	
			Isabel	Farm & Ranch	$1.60		$2.00		$3.00	
			La Plant	Base rate	$2.00		$2.00		$3.00	
			La Plant	Farm & Ranch	$1.60		$2.00		$3.00	
			South Dupree	Base rate	$2.00		$2.00		$3.00	
			South Dupree	Farm & Ranch	$1.60		$2.00		$3.00	(N)
Chibardun Telephone Cooperative, Inc.	WI	330861	All	All	$1.73	(I)	$2.00	(I)	$3.00	
Chickamauga Telephone Corporation	GA	220354	All	All	$2.00		$2.00		$3.00	
Chickasaw Telephone Company	OK	431980	All	All	$2.00		$2.00		$3.00	
Choctaw Telephone Company	MO	421893	All	All	$2.00		$2.00		$3.00	
Chouteau Telephone Company	OK	431981	All	All	$0.50		$0.50		$1.00	(I)
Christensen Communications Company	MN	361425	All	All	$2.00	(I)	$2.00		$3.00	
Chugwater Tel. Co.	WY	512289	All	All	$0.00		$2.00		$3.00	
Churchill County Telephone & Telegraph System d/b/a CC Communications	NV	552349	All	All	$2.00	(I)	$2.00		$3.00	
Cimarron Telephone Company	OK	431982	All	All	$2.00		$2.00		$3.00	
Circle Telephone & Electric, LLC	AK	613005	All	All	$2.00	(I)	$2.00	(I)	$3.00	

Certain material formerly found on this page now appears on Original Page 17-130.1.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Citizens Mutual Telephone Cooperative	IA	351129	All	All	$2.00	(I)	$2.00	(I)	$3.00	(M)
Citizens Tel. Co. of Hammond, New York, Inc.	NY	150081	All	All	$2.00		$2.00		$3.00	
Citizens Telephone Company	MO	421865	All	All	$2.00		$2.00		$3.00	
Citizens Telephone Company, Inc.	GA	220355	Lake Blackshear	Base rate(T)	$1.57	(I)	$2.00	(I)	$3.00	(M)
			Lake Blackshear	1	$1.28		$2.00		$3.00	(N)
			Leslie	All	$2.00	(I)	$2.00	(I)	$3.00	(M)
			Plains	All	$2.00		$2.00		$3.00	
			Vienna	Base rate(T)	$1.57	(I)	$2.00	(I)	$3.00	(M)
			Vienna	1	$1.28		$2.00		$3.00	(N)
Citizens Telephone Cooperative	VA	190225	Alum Ridge	All	$0.00		$2.00	(I)	$3.00	(M)
			Ballard	All	$0.00		$2.00		$3.00	
			Floyd	All	$0.12		$2.00		$3.00	
			Locust Groge	All	$0.00		$2.00		$3.00	
			Willis	All	$0.12		$2.00	(I)	$3.00	(M)

Certain material currently found on this page previously appeared on 4th Revised Page 17-130.

Director - Access Tariffs
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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC	
Citizens Telephone Cooperative, Inc.	WI	330863	All	All	$2.00	$2.00	$3.00	
Citizens Telephone Corporation	IN	320751	All	All	$2.00	$2.00	$3.00	
City of Barnesville Telephone Utility	MN	361353	All	All	$2.00	$2.00	$3.00	
City of Faith Municipal Tel. Co.	SD	391653	All	All	$2.00	$2.00	$3.00	
Clara City Telephone Exchange Co.	MN	361370	All	All	$2.00	$2.00	$3.00	
Clarence Telephone Company, Inc.	IA	351130	All	All	$2.00	$2.00	$3.00	
Clarity Telecom, LLC	SD	391652	All	All	$1.65	$2.00	$3.00	
Clarks Telecommunications Co.	NE	371531	Clarks	All	$2.00	$2.00	$3.00	
			Staplehurst	All	$1.06	$2.00	$3.00	
			Ulysses	All	$2.00	$2.00	$3.00	
Clarksville Mutual Telephone Company	IL	340990	All	All	$2.00	$2.00	$3.00	
Clay County Rural Telephone Cooperative, Inc. d/b/a Endeavor Communications	IN	320753	Atlanta	All	$2.00	$2.00	$3.00	
			Cloverdale	All	$2.00	$2.00	$3.00	
			Coatesville	All	$2.00	$2.00	$3.00	
			Eminence	All	$2.00	$2.00	$3.00	
			Monrovia	All	$0.00	$2.00	$3.00	
			Mt. Meridian	All	$2.00	$2.00	$3.00	
			Patricksburg	All	$2.00	$2.00	$3.00	
			Poland	All	$2.00	$2.00	$3.00	
			Reelsville	All	$2.00	$2.00	$3.00	
Clear Creek Mutual Tel. Co.	OR	532363	All	All	$0.00	$2.00	$3.00	
Clear Lake Independent Tel. Co.	IA	351132	All	All	$2.00	$2.00	$3.00	
Clear Lake Telephone Company, Inc.	WI	330865	All	All	$2.00	$2.00	$3.00	
Clements Tel. Co.	MN	361372	All	All	$2.00	$2.00	$3.00	
Cleveland County Telephone Company, Inc.	AR	401698	All	All	$2.00	$2.00	$3.00	
Climax Telephone Company	MI	310688	All	All	$0.89	$2.00	$3.00	
C-M-L Telephone Cooperative Association	IA	351133	All	All	$2.00	$2.00	$3.00	(M) (M)

Certain material currently found on this page previously appeared on 4th Revised Page 17-127.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Cobbosseecontee Telephone Company	ME	100005	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Cochrane Cooperative Telephone Company	WI	330866	All	All	$2.00		$2.00		$3.00	
Coleman County Telephone Cooperative, Inc.	TX	442057	All	All	$2.00		$2.00		$3.00	
Colo Telephone Company	IA	351134	All	All	$2.00		$2.00		$3.00	
Colorado Valley Telephone Co-Operative, Inc.	TX	442059	All	All	$2.00	(I)	$2.00		$3.00	
Colton Telephone Company	OR	532364	All	All	$0.00		$2.00		$3.00	
Columbine Acquisition Corp. d/b/a Columbine Telecom Company	CO	462204	Crestone	All	$1.00	(I)	$2.00		$3.00	
			Mosca	All	$2.00	(I)	$2.00		$3.00	
Columbine Telephone Company, Inc. d/b/a Silver Star Communications	ID	472295	All	All	$0.00		$2.00		$3.00	
Columbus Grove Telephone Company	OH	300604	All	All	$2.00	(I)	$2.00		$3.00	
Communications 1 Network, Inc.	IA	351262	All	All	$2.00	(I)	$2.00	(I)	$3.00	(D) (D)
Communications Corporation of Michigan	MI	310672	Augusta	All	$0.00		$2.00	(I)	$3.00	
			Clayton	All	$0.00		$2.00		$3.00	
			Hickory Corners	All	$0.07	(R)	$2.00		$3.00	
Communications Corporation of Southern Indiana	IN	320809	All	All	$0.00		$2.00		$3.00	
Community Telephone Company	TX	442061	All	All	$2.00	(I)	$2.00		$3.00	
ComSouth Telecommunications, Inc.	GA	220369	All	All	$1.60		$2.00		$3.00	
Conneaut Telephone Company	OH	300606	All	All	$2.00	(I)	$2.00	(I)	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
Consolidated Telco, Inc.	NE	371530	All	All	$1.14	$2.00	$3.00
Consolidated Telcom	ND	381607	Amidon	All	$0.00	$2.00	$3.00
			Bowman	All	$0.00	$2.00	$3.00
			Dodge	All	$0.26	$2.00	$3.00
			Dunn Center	All	$0.00	$2.00	$3.00
			Grassy Butte	All	$0.00	$2.00	$3.00
			Halliday	All	$0.56	$2.00	$3.00
			Hettinger	All	$1.05	$2.00	$3.00
			Killdeer	All	$0.00	$2.00	$3.00
			Manning	All	$0.00	$2.00	$3.00
			Mott	All	$1.05	$2.00	$3.00
			N Ladd	All	$0.00	$2.00	$3.00
			N Scranton	All	$0.00	$2.00	$3.00
			New England	All	$0.00	$2.00	$3.00
			Reeder	All	$0.00	$2.00	$3.00
			Regent	All	$0.00	$2.00	$3.00
			Rhame	All	$0.00	$2.00	$3.00
			Richardton	All	$0.00	$2.00	$3.00
			S Hettinger	All	$1.30	$2.00	$3.00
			S Ladd	All	$0.00	$2.00	$3.00
			S Scranton	All	$0.00	$2.00	$3.00
			S Reeder	All	$0.00	$2.00	$3.00
			South Heart	All	$0.00	$2.00	$3.00

Certain material formerly found on this page now appears on 1st Revised Page 17-133.1.

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	SLB ARC	MLB ARC	
Consolidated Telecom, Inc.	NE	371562	All	All	$1.14	$2.00	$3.00	
Consolidated Telephone Company	MN	361373	All	All	$2.00	$2.00	$3.00	(M)
Consolidated Telephone Company	NE	371532	All	All	$1.14	$2.00	$3.00	(M)
Continental Telephone Company of Ohio	OH	300607	Continental	All	$1.93	$2.00	$3.00	
			Grover Hill	All	$1.75	$2.00	$3.00	
			Miller City	All	$1.93	$2.00	$3.00	

Certain material currently found on this page previously appeared on 3rd Revised Page 17-133.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC	
Coon Creek Telephone Company	IA	351136	All	All	$2.00	$2.00	$3.00	
Coon Valley Coop. Telephone Association, Inc.	IA	351137	All	All	$2.00	$2.00	$3.00	
Coon Valley Farmers Telephone Company	WI	330868	All	All	$2.00	$2.00	$3.00	
Cooperative Telephone Company	IA	351139	All	All	$2.00	$2.00	$3.00	
Cooperative Telephone Exchange	IA	351303	All	All	$2.00	$2.00	$3.00	
Copper Valley Telephone Cooperative, Inc.	AK	613006	All	All	$2.00	$2.00	$3.00	
Copper Valley Telephone, Inc.	AZ	452176	All	All	$2.00	$2.00	$3.00	
Cordova Telephone Cooperative, Inc.	AK	613007	All	All	$2.00	$2.00	$3.00	
Corn Belt Telephone Company	IA	351141	All	All	$2.00	$2.00	$3.00	
Council Grove Telephone Company	KS	411758	All	All	$2.00	$2.00	$3.00	
Cozad Telephone Company	NE	371534	All	All	$1.14	$2.00	$3.00	
C-R Telephone Company	IL	341009	Cornell	All	$0.00	$2.00	$3.00	(M)
			Ransom	All	$0.00	$2.00	$3.00	(M)
Craigville Telephone Company, Inc.	IN	320756	All	All	$2.00	$2.00	$3.00	
Craw-Kan Telephone Coop., Inc.	KS	411818	All	All	$2.00	$2.00	$3.00	
Craw-Kan Telephone Coop., Inc.	MO	421759	All	All	$2.00	$2.00	$3.00	
Crockett Tel. Co., Inc.	TN	290561	All	All	$2.00	$2.00	$3.00	
Cross Tel. Co.	OK	431985	All	All	$2.00	$2.00	$3.00	
Crosslake Telephone Company	MN	361499	All	All	$2.00	$2.00	$3.00	
Crossville Telephone Company	IL	340993	All	All	$2.00	$2.00	$3.00	
Crown Point Telephone Corp.	NY	150085	All	All	$0.15	$2.00	$3.00	
Cuba City Telephone Exchange Company, Inc.	WI	330872	All	All	$2.00	$2.00	$3.00	
Cumberland Telephone Company	IA	351146	All	All	$2.00	$2.00	$3.00	
Cumby Telephone Cooperative, Inc.	TX	442065	All	All	$2.00	$2.00	$3.00	
Cunningham Tel. Co., Inc.	KS	411761	All	All	$2.00	$2.00	$3.00	
Curtis Telephone Company	NE	371536	All	All	$1.14	$2.00	$3.00	
Custer Telephone Cooperative, Inc.	ID	472218	All	All	$2.00	$2.00	$3.00	

Certain material currently found on this page previously appeared on 4th Revised Page 17-127.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Dakota Central Telecom I, Inc.	ND	381610	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Dakota Central Telecommunications Cooperative	ND	381610	All	All	$2.00		$2.00		$3.00	
Dalton Telephone Company	NE	371537	All	All	$1.86		$2.00		$3.00	
Danville Mutual Telephone Company	IA	351147	All	All	$2.00		$2.00		$3.00	
Darien Telephone	GA	220358	All	All	$2.00		$2.00		$3.00	
Daviess-Martin County Rural Tel. Corp. d/b/a RTC Communications	IN	320759	All	All	$2.00		$2.00		$3.00	
Decatur Telephone Company	AR	401699	All	All	$2.00		$2.00		$3.00	
Decatur Telephone Company, Inc.	MS	280451	All	All	$2.00	(I)	$2.00		$3.00	
Deerfield Farmers Telephone Company	MI	310691	Deerfield	All	$0.41		$2.00		$3.00	
			Petersburg	All	$0.55		$2.00		$3.00	
DeKalb Telephone Cooperative, Inc.	TN	290562	All	All	$2.00	(I)	$2.00		$3.00	
Delcambre Telephone Company	LA	270428	All	All	$2.00		$2.00		$3.00	
Delhi Telephone Company	NY	150088	All	All	$1.69		$2.00		$3.00	
Dell Telephone Co-Operative, Inc.	TX	442066	All	All	$2.00	(I)	$2.00		$3.00	
Dell Telephone Co-Operative, Inc.	NM	492066	All	All	$0.00		$2.00	(I)	$3.00	(D)
Delta Telephone Company, Inc.	MS	280452	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Deposit Telephone Company, Inc.	NY	150089	All	All	$2.00	(I)	$2.00	(I)	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC
Dickey Rural Telephone Cooperative	ND	381611	Ashley	All	$2.00	(I)	$2.00	(I)	$3.00
			Crete	All	$2.00		$2.00		$3.00
			Dickey	All	$2.00		$2.00		$3.00
			Edgeley	All	$2.00		$2.00		$3.00
			Ellendale	All	$2.00		$2.00		$3.00
			Forbes	All	$2.00		$2.00		$3.00
			Forman	All	$2.00		$2.00		$3.00
			Fort Ransom	All	$2.00		$2.00		$3.00
			Fredonia	All	$2.00		$2.00		$3.00
			Fullerton	All	$2.00		$2.00		$3.00
			Guelph	All	$2.00	(I)	$2.00		$3.00
			Gwinner	All	$0.74		$2.00		$3.00
			Jud	All	$2.00	(I)	$2.00		$3.00
			Kathryn	All	$2.00		$2.00		$3.00
			Kulm	All	$2.00		$2.00		$3.00
			LaMoure	All	$2.00		$2.00		$3.00
			Lisbon	All	$2.00		$2.00		$3.00
			Litchville	All	$2.00		$2.00		$3.00
			Marion	All	$2.00		$2.00		$3.00
			Merricourt	All	$2.00		$2.00		$3.00
			Milnor	All	$2.00		$2.00		$3.00
			Nelvik	All	$2.00		$2.00		$3.00
			Oakes	All	$2.00		$2.00		$3.00
			Venturia	All	$2.00		$2.00		$3.00
			Verona	All	$2.00	(I)	$2.00	(I)	$3.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC	
Dickeyville Telephone Corp.	WI	330875	All	All	$2.00	$2.00	$3.00	
Diller Telephone Co.	NE	371540	All	All	$2.00	$2.00	$3.00	
Direct Communications Cedar Valley, LLC	UT	500758	All	All	$2.00	$2.00	$3.00	
Direct Communications Rockland, Inc.	ID	472232	All	All	$0.00	$2.00	$3.00	
Dixon Acquisition, LLC	IA	351150	All	All	$2.00	$2.00	$3.00	(T)
Dixville Telephone Company	NH	120042	All	All	$2.00	$2.00	$3.00	
Dobson Tel. Co.	OK	431988	All	All	$2.00	$2.00	$3.00	
Doylestown Telephone Company	OH	300609	All	All	$2.00	$2.00	$3.00	
Dubois Telephone Exchange, Inc.	WY	512291	Baggs	All	$0.00	$2.00	$3.00	
			Crowheart	All	$0.00	$2.00	$3.00	
			Dubois	All	$0.00	$2.00	$3.00	
			South Baggs	All	$2.00	$2.00	$3.00	
Ducor Tel. Co.	CA	542313	Ducor	All	$0.87	$2.00	$3.00	
			Kennedy Meadows	All	$2.00	$2.00	$3.00	
			Rancho Tehama	All	$2.00	$2.00	$3.00	
Dumont Telephone Company	IA	351152	All	All	$2.00	$2.00	$3.00	
Dunbarton Telephone Company	NH	120043	All	All	$2.00	$2.00	$3.00	
Dunkerton Telephone Cooperative	IA	351153	All	All	$2.00	$2.00	$3.00	
Dunkirk & Fredonia Telephone Company	NY	150091	All	All	$2.00	$2.00	$3.00	
Dunnell Telephone Company	MN	361381	All	All	$2.00	$2.00	$3.00	
Duo County Tel. Coop., Inc.	KY	260401	All	All	$2.00	$2.00	$3.00	
E. Ritter Tel. Co.	AR	401722	All	All	$2.00	$2.00	$3.00	
E.N.M.R. Tel. Cooperative, Inc.	TX	442262	All	All	$2.00	$2.00	$3.00	
E.N.M.R. Tel. Cooperative, Inc.	NM	492262	All	All	$2.00	$2.00	$3.00	
Eagle Telephone System, Inc.	OR	532369	All	All	$2.00	$2.00	$3.00	
Eagle Valley Telephone Company	MN	361383	All	All	$2.00	$2.00	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
East Buchanan Telephone Coop.	IA	351156	All	All	$2.00	(I)	$2.00	(I)	$3.00	(M)
East Otter Tail Telephone Company	MN	361385	All	All	$2.00	(I)	$2.00		$3.00	
Eastcoast Telecom, Inc.	WI	330914	All	All	$0.00		$2.00		$3.00	(M)
Eastern Nebraska Tel. Co.	NE	371542	Belden	All	$1.11		$2.00		$3.00	
			Carroll	All	$1.11		$2.00		$3.00	
			Macy	All	$1.11		$2.00		$3.00	
			Meadow Grove	All	$0.26		$2.00		$3.00	
			Osmond	All	$1.11		$2.00		$3.00	
			Rosalie	All	$1.11		$2.00		$3.00	
			Walthill	All	$1.11		$2.00		$3.00	
			Winnebago	All	$1.11		$2.00		$3.00	
Eastern Slope Rural Telephone Assn., Inc.	CO	462186	All	All	$2.00	(I)	$2.00		$3.00	
Eastex Telephone Cooperative, Inc.	TX	442068	All	All	$2.00	(I)	$2.00		$3.00	
Eckles Telephone Company	MN	361386	New Prague	City	$0.00	(R)	$2.00		$3.00	
			New Prague	Rural	$0.00		$2.00		$3.00	
Edwards Telephone Company, Inc.	NY	150092	All	All	$2.00	(I)	$2.00		$3.00	
El Paso Telephone Company	IL	341004	All	All	$0.00	(R)	$1.50		$3.00	(I)
Electra Telephone Company	TX	442069	All	All	$2.00	(I)	$2.00		$3.00	
Elizabeth Telephone Company	LA	270430	All	All	$2.00		$2.00		$3.00	
Elkhart Telephone Co., Inc.	KS	411764	All	All	$2.00		$2.00		$3.00	
Ellensburg Telephone Company	WA	522412	All	All	$2.00		$2.00		$3.00	
Ellerbe Telephone Company, Inc.	NC	230478	All	All	$2.00		$2.00		$3.00	
Ellington Telephone Company	MO	421874	All	All	$2.00		$2.00		$3.00	
Ellsworth Coop. Telephone Association	IA	351157	All	All	$2.00		$2.00		$3.00	
Elsie Communications, Inc.	NE	371518	All	All	$1.86	(I)	$2.00	(I)	$3.00	

Certain material currently found on this page previously appeared on 2nd Revised Page 17-136.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
Emily Cooperative Telephone Company	MN	361387	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Empire Telephone Corporation	NY	150093	All	All	$2.00		$2.00		$3.00	
ETS Telephone Company, Inc.	TX	442091	All	All	$2.00	(I)	$2.00	(I)	$3.00	(I)

Director - Access Tariffs
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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC	
F&B Communications, Inc.	IA	351160	All	All	$2.00	$2.00	$3.00	
FairPoint Communications Missouri, Inc.	MO	421472	All	All	$2.00	$2.00	$3.00	
Farber Telephone Company	MO	421876	All	All	$2.00	$2.00	$3.00	
Farmers & Merchants Mutual Telephone Company	IA	351166	All	All	$2.00	$2.00	$3.00	
Farmers Coop. Telephone Company	IA	351162	All	All	$2.00	$2.00	$3.00	
Farmers Independent Telephone Company	WI	330879	All	All	$2.00	$2.00	$3.00	
Farmers Mutual Coop. Telephone Company	IA	351168	All	All	$2.00	$2.00	$3.00	
Farmers Mutual Coop. Telephone Company	IA	351169	All	All	$2.00	$2.00	$3.00	
Farmers Mutual Cooperative Telephone Company	IA	351149	All	All	$0.50	$0.50	$1.00	
Farmers Mutual Cooperative Telephone Company	IA	351235	All	All	$2.00	$2.00	$3.00	
Farmers Mutual Telephone Company	OH	300612	All	All	$1.12	$2.00	$3.00	
Farmers Mutual Telephone Company	IA	351171	All	All	$2.00	$2.00	$3.00	
Farmers Mutual Telephone Company	IA	351172	All	All	$2.00	$2.00	$3.00	
Farmers Mutual Telephone Company	IA	351173	All	All	$2.00	$2.00	$3.00	
Farmers Mutual Telephone Company	IA	351174	All	All	$2.00	$2.00	$3.00	
Farmers Mutual Telephone Company	MN	361389	All	All	$2.00	$2.00	$3.00	
Farmers Mutual Telephone Company	ID	472221	All	All	$2.00	$2.00	$3.00	
Farmers Mutual Telephone Company of Chapin d/b/a Chapin Tel. Co.	MI	310694	All	All	$0.00	$1.00	$2.00	
Farmers Telecommunications Cooperative, Inc.	AL	250290	All	All	$2.00	$2.00	$3.00	(M) (M)
Farmers Telephone Company	WI	330880	All	All	$2.00	$2.00	$3.00	
Farmers Telephone Company	IA	351175	All	All	$2.00	$2.00	$3.00	
Farmers Telephone Company - Essex	IA	351176	All	All	$2.00	$2.00	$3.00	
Farmers Telephone Company - Riceville	IA	351177	All	All	$2.00	$2.00	$3.00	
Farmers Telephone Company, Inc.	CO	462188	Dolores Canyon	All	$0.00	$2.00	$3.00	
			Pleasant View	All	$2.00	$2.00	$3.00	

Certain material currently found on this page previously appeared on 4th Revised Page 17-139.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC	
Federated Telephone Cooperative	MN	361390	All	All	$2.00	$2.00	$3.00	
Federated Telephone Cooperative	MN	361403	All	All	$2.00	$2.00	$3.00	
Felton Telephone Company, Inc.	MN	361391	All	All	$2.00	$2.00	$3.00	
Fenton Co-op. Telephone Company	IA	351179	All	All	$2.00	$2.00	$3.00	
Fidelity Telephone Company	MO	421882	All	All	$2.00	$2.00	$3.00	
Filer Mutual Telephone Company	ID	472220	All	All	$1.09	$2.00	$3.00	
Filer Mutual Telephone Company	NV	552220	All	All	$2.00	$2.00	$3.00	
Fishers Island Telephone Corp.	NY	150095	All	All	$0.15	$2.00	$3.00	
Five Area Telephone Co-operative, Inc.	TX	442071	All	All	$0.50	$0.50	$1.00	
Flat Rock Telephone Co-Op, Inc.	IL	341012	All	All	$1.18	$2.00	$3.00	(T)
Foothills Rural Telephone Coop. Corp.	KY	260406	All	All	$2.00	$2.00	$3.00	
Foresthill Tel. Co., Inc. d/b/a Sebastian	CA	542318	All	All	$2.00	$2.00	$3.00	(T)
Fort Jennings Telephone Company	OH	300614	All	All	$2.00	$2.00	$3.00	
Fort Mojave Telecommunications, Inc.	AZ	452200	All	All	$2.00	$2.00	$3.00	
Fort Randall Telephone Company d/b/a Mt. Rushmore Telephone Company	SD	391660	All	All	$2.00	$2.00	$3.00	
Franklin Telephone Company	VT	140053	All	All	$2.00	$2.00	$3.00	
Franklin Telephone Company, Inc.	MS	280454	All	All	$2.00	$2.00	$3.00	
Fremont Telcom Co.	ID	472222	All	All	$0.00	$2.00	$3.00	
Fulton Telephone Company, Inc.	MS	280455	All	All	$2.00	$2.00	$3.00	

Certain material formerly found on this page now appears on 4th Revised Page 17-138.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC	
Ganado Telephone Company, Inc.	TX	442076	All	All	$0.50	$0.50	$1.00	
Garden Valley Telephone Company	MN	361395	All	All	$2.00	$2.00	$3.00	
Gardonville Cooperative Telephone Association	MN	361396	All	All	$2.00	$2.00	$3.00	
Geetingsville Telephone Company, Inc.	IN	320771	All	All	$2.00	$2.00	$3.00	
Geneseo Telephone Company	IL	341016	All	All	$2.00	$2.00	$3.00	
Georgetown Telephone Company	MS	280456	All	All	$2.00	$2.00	$3.00	
Germantown Telephone Company, Inc.	NY	150097	All	All	$1.72	$2.00	$3.00	
Gervais Telephone Company d/b/a DataVision	OR	532373	All	All	$0.00	$2.00	$3.00	(T)
Gila River Telecommunications, Inc.	AZ	452179	All	All	$2.00	$2.00	$3.00	
Glandorf Telephone Company, Inc.	OH	300619	All	All	$2.00	$2.00	$3.00	
Glasford Telephone Company	IL	341017	All	All	$2.00	$2.00	$3.00	
Glenwood Network Services, Inc.	NE	371567	All	All	$2.00	$2.00	$3.00	
Glenwood Telephone Company	GA	220365	All	All	$1.60	$2.00	$3.00	
Glenwood Telephone Membership Corporation	NE	371553	All	All	$2.00	$2.00	$3.00	
Golden Belt Telephone Association, Inc.	KS	411777	All	All	$2.00	$2.00	$3.00	
Golden West Telecommunications Cooperative, Inc.	SD	391659	All	All	$2.00	$2.00	$3.00	
Golden West Telecommunications Cooperative, Inc. - Armour	SD	391640	All	All	$2.00	$2.00	$3.00	
Golden West Telecommunications Cooperative, Inc. - Kadoka	SD	391667	All	All	$2.00	$2.00	$3.00	
Golden West Telecommunications Cooperative, Inc. – Sioux Valley	SD	391677	All	All	$2.00	$2.00	$3.00	
Golden West Telecommunications Cooperative, Inc. - Union	SD	391684	All	All	$2.00	$2.00	$3.00	
Golden West Telecommunications Cooperative, Inc. - Vivian	SD	391686	All	All	$2.00	$2.00	$3.00	
Goldfield Telephone Company	IA	351188	All	All	$2.00	$2.00	$3.00	
Goodman Telephone Company	MO	421886	All	All	$2.00	$2.00	$3.00	
Gorham Telephone Company, Inc.	KS	411778	All	All	$2.00	$2.00	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
Grafton Telephone Company	IL	341020	All	All	$0.00	$2.00	$3.00
Granby Telephone Company	MO	421887	All	All	$2.00	$2.00	$3.00
Granby Telephone LLC	MA	110036	All	All	$2.00	$2.00	$3.00
Grand Mound Coop. Telephone Association	IA	351191	All	All	$2.00	$2.00	$3.00
Grand River Mutual Telephone Company	IA	351888	All	All	$2.00	$2.00	$3.00
Grand River Mutual Telephone Company	MO	421888	All	All	$2.00	$2.00	$3.00
Grand Telephone Company, Inc.	OK	431994	All	All	$2.00	$2.00	$3.00
Grandview Mutual Telephone Company	IL	341021	All	All	$2.00	$2.00	$3.00
Granite State Telephone Company	NH	120039	All	All	$2.00	$2.00	$3.00
Grantland Tel. Co., Inc.	WI	330930	All	All	$0.00	$2.00	$3.00
Great Plains Communications, Inc.	NE	371577	Archer	All	$0.85	$2.00	$3.00
			Arnold	All	$1.92	$2.00	$3.00
			Bancroft	All	$1.92	$2.00	$3.00
			Beemer	All	$0.85	$2.00	$3.00
			Belgrade	All	$1.11	$2.00	$3.00
			Bloomfield	All	$1.92	$2.00	$3.00
			Byron	All	$0.85	$2.00	$3.00
			Callaway	All	$1.92	$2.00	$3.00
			Cedar Rapids	All	$1.11	$2.00	$3.00
			Center	All	$1.92	$2.00	$3.00
			Chapman	All	$0.00	$2.00	$3.00

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
Great Plains Communications, Inc. (Cont'd)	NE	371577	Chester	All	$1.92	(I)	$2.00	(I)	$3.00
			Cody	All	$0.00		$2.00		$3.00
			Cotesfield	All	$0.85		$2.00		$3.00
			Creighton	All	$1.92	(I)	$2.00		$3.00
			Crofton	All	$1.92	(I)	$2.00		$3.00
			Crookston	All	$1.38		$2.00		$3.00
			Culbertson	All	$1.38		$2.00		$3.00
			Deshler	All	$0.85		$2.00		$3.00
			Dodge	All	$0.85		$2.00		$3.00
			Elgin	All	$0.85		$2.00		$3.00
			Ewing	All	$0.85		$2.00		$3.00
			Gordon	All	$1.92	(I)	$2.00		$3.00
			Grant	All	$0.00		$2.00		$3.00
			Hay Springs	All	$1.92	(I)	$2.00		$3.00
			Hayes Center	All	$0.85		$2.00		$3.00
			Herman	All	$0.00		$2.00		$3.00
			Imperial	All	$1.92	(I)	$2.00		$3.00
			Indianola	All	$1.92	(I)	$2.00		$3.00
			Kilgore	All	$0.00		$2.00		$3.00
			Merriman	All	$1.92	(I)	$2.00		$3.00
			Mirage Flats	All	$1.92		$2.00		$3.00
			Niobrara	All	$1.92	(I)	$2.00		$3.00
			North Bend	All	$0.85		$2.00		$3.00
			Oakdale	All	$0.85		$2.00		$3.00
			Oconto	All	$1.92	(I)	$2.00	(I)	$3.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC
Great Plains Communications, Inc. (Cont'd)	NE	371577	Page	All	$0.85		$2.00	(I)	$3.00
			Palisade	All	$0.85		$2.00		$3.00
			Petersburg	All	$0.00		$2.00		$3.00
			Ponca	All	$1.92	(I)	$2.00		$3.00
			Primrose	All	$1.11		$2.00		$3.00
			Ragan	All	$1.92	(I)	$2.00		$3.00
			Red Cloud	All	$1.92		$2.00		$3.00
			Rushville	All	$1.92		$2.00		$3.00
			Saint Edward	All	$1.92	(I)	$2.00		$3.00
			Scribner	All	$0.85		$2.00		$3.00
			Snyder	All	$0.85		$2.00		$3.00
			Spalding	All	$1.11		$2.00		$3.00
			Stapleton	All	$1.92	(I)	$2.00		$3.00
			Stratton	All	$1.38		$2.00		$3.00
			Sutherland	All	$1.92	(I)	$2.00		$3.00
			Trenton	All	$1.38		$2.00		$3.00
			Tryon	All	$1.92	(I)	$2.00		$3.00
			Venango	All	$0.00		$2.00		$3.00
			Verdigre	All	$1.92	(I)	$2.00		$3.00
			Walnut	All	$1.38		$2.00		$3.00
			Wausa	All	$1.92	(I)	$2.00		$3.00
			Wilcox	All	$1.92	(I)	$2.00	(I)	$3.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC
Great Plains Communications, Inc. (Cont'd)	NE	371577	Winnetoon	All	$1.92	(I)	$2.00	(I)	$3.00
			Wisner	All	$0.85		$2.00		$3.00
			Wolbach	All	$0.85		$2.00		$3.00
			Wood Lake	All	$0.00		$2.00		$3.00
			Wynot	All	$1.92	(I)	$2.00		$3.00
Green Hills Telephone Corporation	MO	421890	All	All	$2.00	(I)	$2.00		$3.00
Gridley Telephone Company	IL	341023	All	All	$0.71		$2.00		$3.00
Griggs County Telephone Co.	ND	381615	All	All	$2.00	(I)	$2.00		$3.00
Griggs County Telephone Co. (Moore & Liberty)	ND	381622	All	All	$2.00		$2.00		$3.00
Griswold Co-Op Telephone Company	IA	351195	All	All	$2.00		$2.00		$3.00
GTC, Inc.	FL	210291	All	All	$2.00		$2.00		$3.00
GTC, Inc.	FL	210329	All	All	$2.00		$2.00		$3.00
GTC, Inc.	FL	210339	All	All	$2.00		$2.00		$3.00
Guadalupe Valley Tel. Co-op, Inc.	TX	442083	All	All	$2.00		$2.00		$3.00
Gunnison Telephone Company	UT	502279	All	All	$2.00	(I)	$2.00	(I)	$3.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
H & B Communications, Inc.	KS	411781	All	All	$2.00	(I)	$2.00	(I)	$3.00	(D)
Halstad Telephone Company	MN	361401	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Hamilton County Telephone Co-Op	IL	341024	Belle Prairie	All	$1.03		$2.00		$3.00	
			Bellerive	All	$1.03	(R)	$2.00		$3.00	
			Blairsville	All	$1.03		$2.00		$3.00	
			Broughton	All	$1.53	(I)	$2.00		$3.00	
			Dahlgren	All	$1.03		$2.00		$3.00	
			Dale	All	$2.00	(I)	$2.00		$3.00	
			Macedonia	All	$1.53		$2.00		$3.00	
Hamilton Telephone Company	NE	371555	All	All	$2.00		$2.00		$3.00	
Hampden Telephone Company	ME	100010	All	All	$2.00	(I)	$2.00		$3.00	
Hancock Rural Telephone Corporation d/b/a NineStar Connect	IN	320775	Markleville	All	$0.00	(R)	$2.00		$3.00	
			Maxwell	All	$0.00		$2.00		$3.00	
			McCordsville	All	$0.00		$2.00		$3.00	
Hancock Telephone Company	NY	150099	Hancock (T)	All	$1.78	(I)	$2.00	(I)	$3.00	
			Winterdale	All	$2.00		$2.00		$3.00	(N)
Happy Valley Tel. Co.	CA	542321	Minersville	All	$1.05	(I)	$2.00	(I)	$3.00	
			Olinda	All	$1.29	(I)	$2.00		$3.00	
			Platina	All	$0.00		$2.00		$3.00	
			Trinity Center	All	$2.00	(I)	$2.00	(I)	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
Hardy Telecommunications, Inc.	WV	200259	Lost River 1	All	$2.00	(I)	$2.00	(I)	$3.00
			Lost River 2	All	$1.39	(R)	$2.00		$3.00
			Lost River 3	All	$0.00		$2.00		$3.00
			Lost River 4	All	$0.00		$2.00		$3.00
Harmony Telephone Company	MN	361404	All	All	$2.00	(I)	$2.00		$3.00
Hart Telephone Company	GA	220368	All	All	$2.00		$2.00		$3.00
Hartington Telecommunications Co., Inc.	NE	371556	All	All	$2.00		$2.00		$3.00
Hartland & St. Albans Telephone Company	ME	100011	All	All	$2.00	(I)	$2.00		$3.00
Hartman Telephone Exchanges, Inc.	NE	371557	All	All	$1.12		$2.00		$3.00
Hat Island Telephone Company	WA	522417	All	All	$2.00	(I)	$2.00		$3.00
Haviland Tel. Co., Inc.	KS	411780	All	All	$2.00		$2.00		$3.00
Hawkeye Telephone Company	IA	351199	All	All	$2.00	(I)	$2.00	(I)	$3.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Haxtun Telephone Company	CO	462190	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Hayneville Telephone Company, Inc.	AL	250299	All	All	$2.00		$2.00		$3.00	
Heart of Iowa Communications Cooperative	IA	351297	All	All	$2.00		$2.00		$3.00	
Helix Telephone Company	OR	532376	All	All	$2.00		$2.00		$3.00	
Hemingford Cooperative Telephone Company	NE	371558	All	All	$1.67		$2.00		$3.00	
Henderson Co-Op Telephone Company	NE	371559	All	All	$2.00		$2.00		$3.00	
Henry County Telephone Company	IL	341029	All	All	$1.94		$2.00		$3.00	
Hershey Cooperative Telephone Company	NE	371561	All	All	$2.00	(I)	$2.00		$3.00	
Hiawatha Telephone Company	MI	310713	All	All	$0.00		$2.00		$3.00	
Hickory Telephone Company	PA	170171	All	All	$2.00	(I)	$2.00		$3.00	
Highland Telephone Company, Inc.	TN	290565	All	All	$2.00		$2.00		$3.00	
Highland Telephone Cooperative	VA	190237	All	All	$2.00		$2.00		$3.00	
Hill Country Telephone Co-Operative, Inc.	TX	442086	All	All	$0.50		$0.50		$1.00	(I)
Hillsboro Telephone Company, Inc.	WI	330892	All	All	$2.00	(I)	$2.00		$3.00	
Hinton Tel. Co. of Hinton OK, Inc.	OK	431995	Cedar Lake (T)	All	$0.12	(R)	$2.00	(I)	$3.00	
			Colony	All	$2.00		$2.00		$3.00	(N)
			Eakly	All	$2.00		$2.00		$3.00	
			Hinton	All	$2.00		$2.00		$3.00	
			Hydro	All	$2.00		$2.00		$3.00	
			Lookeba	All	$2.00		$2.00		$3.00	(N)
										(D)

Certain material formerly found on this page now appears on Original Page 17-146.1.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Holway Telephone Company	MO	421929	All	All	$2.00	(I)	$2.00	(I)	$3.00	(M)
Home Tel. Co.	MN	361408	Grand Meadow	All	$2.00	(I)	$2.00		$3.00	
			Racine	All	$0.00		$2.00		$3.00	
			Wykoff	All	$2.00	(I)	$2.00		$3.00	
Home Tel. Co. of Pittsboro	IN	320777	All	All	$0.00		$2.00		$3.00	
Home Telephone Co.	IL	341032	All	All	$2.00	(I)	$2.00		$3.00	
Home Telephone Company	OR	532377	All	All	$2.00	(I)	$2.00		$3.00	
Home Telephone Company, Inc.	IN	320778	All	All	$0.00		$2.00		$3.00	
Home Telephone Company, Inc.	KS	411782	All	All	$2.00	(I)	$2.00	(I)	$3.00	(M)

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Certain material currently found on this page previously appeared on 3rd Revised Page 17-146.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
Hood Canal Telephone Co.	WA	522419	All	All	$2.00	$2.00	$3.00
Hooper Tel. Co.	NE	371563	All	All	$2.00	$2.00	$3.00
Hopi Telecommunications, Inc.	AZ	450815	All	All	$2.00	$2.00	$3.00
Hopper Telecommunications LLC	AL	250300	All	All	$1.88	$2.00	$3.00
Hornitos Tel. Co.	CA	542322	All	All	$2.00	$2.00	$3.00
Hospers Telephone Exchange, Inc.	IA	351202	All	All	$2.00	$2.00	$3.00
Hot Springs Telephone Company	MT	482241	All	All	$0.00	$2.00	$3.00
Hubbard Cooperative Telephone Association	IA	351203	All	All	$2.00	$2.00	$3.00
Humboldt Telephone Company	NV	553304	All	All	$2.00	$2.00	$3.00
Humphrey's County Telephone Company	TN	290566	All	All	$2.00	$2.00	$3.00
Hutchinson Tel. Co.	MN	361409	All	All	$2.00	$2.00	$3.00
Huxley Communications Cooperative	IA	351205	All	All	$2.00	$2.00	$3.00
Iamo Telephone Company	IA	351206	All	All	$2.00	$2.00	$3.00
Iamo Telephone Company	MO	421206	All	All	$2.00	$2.00	$3.00
Indianhead Telephone Company	WI	330936	Exeland	All	$1.30	$2.00	$3.00
			Radisson	All	$1.30	$2.00	$3.00
			Weyerhaeuser	All	$1.47	$2.00	$3.00
Industry Telephone Company	TX	442093	All	All	$2.00	$2.00	$3.00
Inland Telephone Company	ID	472423	All	All	$0.00	$2.00	$3.00
Inland Telephone Company	WA	522423	Dewatto	All	$0.22	$2.00	$3.00
			Prescott	All	$2.00	$2.00	$3.00
			Roslyn	All	$2.00	$2.00	$3.00
			Uniontown	All	$2.00	$2.00	$3.00
Interbel Tel. Coop., Inc.	MT	482242	All	All	$2.00	$2.00	$3.00
Inter-Community Telephone Company, L.L.C.	ND	381616	All	All	$2.00	$2.00	$3.00

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
Interior Telephone Company, Inc.	AK	613011	All	All	$0.00		$2.00	(I)	$3.00	
Interstate 35 Telephone Company	IA	351209	All	All	$2.00	(I)	$2.00		$3.00	
Interstate Telecommunications Cooperative, Inc.	MN	361654	All	All	$2.00		$2.00		$3.00	
Interstate Telecommunications Cooperative, Inc.	SD	391654	All	All	$2.00		$2.00		$3.00	
Interstate Telecommunications Cooperative, Inc.	SD	391679	All	All	$2.00		$2.00		$3.00	
Island Telephone Company	MI	310677	All	All	$2.00		$2.00		$3.00	
Island Telephone Company	ME	100007	All	All	$2.00		$2.00		$3.00	
ITS Telecommunications Systems, Inc.	FL	210331	All	All	$2.00		$2.00		$3.00	
J.B.N. Telephone Company, Inc.	KS	411785	All	All	$2.00		$2.00		$3.00	
James Valley Cooperative Telephone Company	SD	391664	Andover (T)	All	$2.00	(I)	$2.00	(I)	$3.00	
			Bristol	All	$2.00		$2.00		$3.00	(N)
			Claremont	All	$2.00		$2.00		$3.00	
			Columbia	All	$2.00		$2.00		$3.00	
			Conde	All	$2.00		$2.00		$3.00	
			Doland	All	$2.00		$2.00		$3.00	
			Ferney	All	$2.00		$2.00		$3.00	
			Frederick	All	$0.65		$2.00		$3.00	
			Groton	All	$2.00		$2.00		$3.00	
			Hecla	All	$2.00		$2.00		$3.00	
			Houghton	All	$2.00		$2.00		$3.00	
			Mellette	All	$0.65		$2.00		$3.00	
			North Hecla	All	$2.00		$2.00		$3.00	
			Turton	All	$2.00		$2.00		$3.00	(N)

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ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange		Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	(N)
Jefferson Telephone Company	SD	391666	All		All	$2.00	(I)	$2.00	(I)	$3.00	(M)
Johnson Telephone Company	MN	361410	All		All	$2.00		$2.00		$3.00	
K&M Telephone Company, Inc.	NE	371565	All		All	$2.00		$2.00		$3.00	
Kalama Telephone Company	WA	522426	All		All	$2.00	(I)	$2.00		$3.00	
Kaleva Telephone Company	MI	310703	All		All	$0.00		$2.00		$3.00	
Kalida Telephone Company, Inc.	OH	300625	All		All	$2.00	(I)	$2.00		$3.00	
Kalona Cooperative Telephone Company	IA	351214	Kalon	(T)	All	$0.00	(R)	$2.00	(I)	$3.00	(M)
			Kalona		All	$2.00		$2.00		$3.00	(N)
Kanokla Telephone Association	KS	411788	All		All	$2.00	(I)	$2.00	(I)	$3.00	(M)
Kanokla Telephone Association	OK	431788	All		All	$2.00		$2.00		$3.00	
Kaplan Telephone Company	LA	270432	All		All	$2.00	(I)	$2.00	(I)	$3.00	(M)

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Kasson & Mantorville Telephone Company	MN	361412	Kasson	Base Rate	$2.00	(I)	$2.00	(I)	$3.00	
			Kasson	Zone A	$1.83	(I)	$2.00		$3.00	
			Kasson	Zone B	$0.00		$2.00		$3.00	
			Kasson	Zone C	$0.00		$2.00		$3.00	
			Mantorville	Base Rate	$2.00	(I)	$2.00		$3.00	
			Mantorville	Zone A	$1.83	(I)	$2.00		$3.00	
			Mantorville	Zone B	$0.00		$2.00		$3.00	
			Mantorville	Zone C	$0.00		$2.00		$3.00	
			Rock Dell	Base Rate	$2.00	(I)	$2.00		$3.00	
			Rock Dell	Zone A	$2.00	(I)	$2.00		$3.00	
			Rock Dell	Zone B	$0.58		$2.00		$3.00	
			Rock Dell	Zone C	$0.00		$2.00	(I)	$3.00	(D)
Kennebec Telephone Company	SD	391668	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Kerman Telephone Company d/b/a Sebastian	CA	542324	All	All	$1.66		$2.00		$3.00	
Ketchikan Public Utilities	AK	613013	All	All	$2.00		$2.00		$3.00	
Keystone Farms Cooperative Telephone Company	IA	351217	All	All	$2.00		$2.00		$3.00	
Killduff Telephone Company	IA	351407	All	All	$2.00		$2.00		$3.00	
Kingdom Telephone Company	MO	421901	All	All	$2.00		$2.00		$3.00	
Kinsman Mutual Telephone Company	IL	341041	All	All	$2.00		$2.00		$3.00	
KLM Telephone Company	MO	421900	All	All	$2.00		$2.00		$3.00	
Knology Total Communications, Inc.	AL	250295	All	All	$2.00	(I)	$2.00	(I)	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC	
La Harpe Telephone Company	IL	341043	All	All	$2.00	$2.00	$3.00	
La Jicarita Rural Tel. Coop., Inc.	NM	492263	All	All	$2.00	$2.00	$3.00	
La Motte Telephone Company	IA	351222	All	All	$2.00	$2.00	$3.00	
La Porte City Telephone Company	IA	351220	La Porte City	All	$1.00	$2.00	$3.00	
			Mount Auburn	All	$2.00	$2.00	$3.00	
La Valle Telephone Cooperative	WI	330899	All	All	$2.00	$2.00	$3.00	
La Ward Telephone Exchange, Inc.	TX	442103	All	All	$2.00	$2.00	$3.00	
Lackawaxen Telecommunications Services, Inc.	PA	170177	All	All	$2.00	$2.00	$3.00	
Lafourche Telephone Company, L.L.C.	LA	270433	All	All	$2.00	$2.00	$3.00	
Lakefield Telephone Company	WI	330896	All	All	$2.00	$2.00	$3.00	
Lakeland Communications Group, LLC – Luck	WI	330902	All	All	$2.00	$2.00	$3.00	
Lakeland Communications Group, LLC – Milltown	WI	330910	All	All	$2.00	$2.00	$3.00	
Lakeside Telephone Company, Inc.	MS	280457	All	All	$2.00	$2.00	$3.00	
Lathrop Telephone Company	MO	421932	All	All	$2.00	$2.00	$3.00	
Laurel Highland Telephone Company	PA	170179	All	All	$2.00	$2.00	$3.00	
Lavaca Telephone Company	AR	401704	All	All	$2.00	$2.00	$3.00	
Lavaca Telephone Company	OK	431704	All	All	$2.00	$2.00	$3.00	
Leaco Rural Tel. Coop., Inc.	NM	492264	Antelope Ridge	All	$0.00	$2.00	$3.00	
			Dexter	All	$2.00	$2.00	$3.00	
			Hagerman	All	$2.00	$2.00	$3.00	
			Maljamar	All	$2.00	$2.00	$3.00	
			Tatum	All	$2.00	$2.00	$3.00	
Leaf River Telephone Company	IL	341045	All	All	$0.00	$2.00	$3.00	
Lehigh Valley Coop. Tel. Assoc.	IA	351225	All	All	$2.00	$2.00	$3.00	(T)
Lemonweir Valley Telephone Company	WI	330900	All	All	$2.00	$2.00	$3.00	

Certain material formerly found on this page now appears on 4th Revised Page 17-151.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC	
Lennon Telephone Company	MI	310708	Lennon	300	$0.00	$2.00	$3.00	
			Lennon	50	$2.00	$2.00	$3.00	
			Lennon	Unlimit	$0.00	$2.00	$3.00	
Leonore Mutual Telephone Company	IL	341046	All	All	$2.00	$2.00	$3.00	
Le-Ru Telephone Company	MO	421908	All	All	$2.00	$2.00	$3.00	(M)
Lewis River Telephone Company, Inc.	WA	522427	Amboy	Option A	$1.50	$2.00	$3.00	
			Amboy	Option B	$1.21	$2.00	$3.00	
			Amboy	Option C	$0.00	$2.00	$3.00	
			Cougar	Option A	$1.50	$2.00	$3.00	
			Cougar	Option B	$1.50	$2.00	$3.00	
			Cougar	Option C	$0.00	$2.00	$3.00	
			La Centre	Option A	$1.50	$2.00	$3.00	
			La Centre	Option B	$1.50	$2.00	$3.00	
			La Centre	Option C	$0.00	$2.00	$3.00	
			Yale	Option A	$1.50	$2.00	$3.00	
			Yale	Option B	$1.50	$2.00	$3.00	
			Yale	Option C	$0.00	$2.00	$3.00	
Lewisport Telephone Company, Inc.	KY	260412	All	All	$2.00	$2.00	$3.00	
Ligonier Telephone Company, Inc.	IN	320783	All	All	$1.88	$2.00	$3.00	
Lincoln County Telephone System, Inc.	NV	552351	All	All	$2.00	$2.00	$3.00	
Lincoln Telephone Company, Inc.	MT	482244	All	All	$2.00	$2.00	$3.00	
Lincolnville Networks, Inc.	ME	100003	All	All	$2.00	$2.00	$3.00	
Lipan Telephone Company	TX	442105	All	All	$2.00	$2.00	$3.00	
Lismore Cooperative Telephone Company	MN	361419	All	All	$2.00	$2.00	$3.00	

Certain material currently found on this page previously appeared on 5th Revised Page 17-150.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Little Miami Communications Corp.	OH	300613	Butlerville	All	$2.00	(I)	$2.00	(I)	$3.00	
			Fayetteville	All	$0.00		$2.00		$3.00	
Logan Telephone Coop., Inc.	KY	260413	All	All	$2.00	(I)	$2.00		$3.00	
Lone Rock Cooperative Telephone Company	IA	351228	All	All	$2.00	(I)	$2.00		$3.00	
Lonsdale Telephone Company	MN	361422	All	All	$0.00		$2.00		$3.00	
Loretel Systems, Inc.	MN	361443	All	All	$2.00	(I)	$2.00		$3.00	
Loretto Telephone Company, Inc.	TN	290570	All	All	$2.00		$2.00		$3.00	
Lost Nation-Elwood Telephone Company	IA	351229	All	All	$2.00		$2.00		$3.00	
Ludlow Telephone Company	VT	140058	All	All	$2.00		$2.00		$3.00	
Lumos Telephone of Botetourt Inc.	VA	190249	Eagle Rock (T)	All	$2.00	(I)	$2.00	(I)	$3.00	
			Fincastle	All	$1.65		$2.00		$3.00	(N)
			Oriskany	All	$2.00		$2.00		$3.00	
			Troutville	All	$2.00		$2.00		$3.00	(N)
Lynnville Telephone Company	IA	351232	All	All	$2.00	(I)	$2.00	(I)	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
Mabel Cooperative Telephone	MN	361424	All	All	$2.00	$2.00	$3.00
Mabel Cooperative Telephone Company	IA	351424	All	All	$2.00	$2.00	$3.00
Madison County Tel. Co., Inc.	AR	401709	All	All	$2.00	$2.00	$3.00
Madison Telephone Company	IL	341049	Hamel	All	$0.00	$2.00	$3.00
			Livingston	All	$2.00	$2.00	$3.00
			Prairietown	All	$2.00	$2.00	$3.00
			Staunton	All	$0.00	$2.00	$3.00
			Worden	All	$0.47	$2.00	$3.00
Madison Telephone, LLC	KS	411801	All	All	$2.00	$2.00	$3.00
Magazine Telephone Company	AR	401710	All	All	$2.00	$2.00	$3.00
Mahanoy & Mahantango Telephone Company	PA	170183	All	All	$0.42	$2.00	$3.00
Manawa Tel. Co., Inc.	WI	330905	All	All	$2.00	$2.00	$3.00
Manchester-Hartland Telephone Company	MN	361426	All	All	$2.00	$2.00	$3.00
Manti Telephone Company	UT	502282	Ephraim	All	$1.67	$2.00	$3.00
			Manti	All	$2.00	$2.00	$3.00
			Sterling	All	$2.00	$2.00	$3.00

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
Margaretville Telephone Company, Inc.	NY	150104	All	All	$2.00	(I)	$2.00	(I)	$3.00	(M)
Marianna-Scenery Hill Tel. Co.	PA	170185	All	All	$2.00		$2.00		$3.00	
Mark Twain Rural Telephone Company	MO	421914	All	All	$2.00		$2.00		$3.00	
Marne & Elk Horn Telephone Company	IA	351237	All	All	$2.00		$2.00		$3.00	
Marquette-Adams Telephone Cooperative, Inc.	WI	330908	All	All	$2.00		$2.00		$3.00	
Marseilles Telephone Company of Marseilles	IL	341050	All	All	$2.00		$2.00		$3.00	
Martelle Cooperative Telephone Association	IA	351238	All	All	$2.00		$2.00		$3.00	
Mashell Telecom, Inc.	WA	522431	All	All	$2.00		$2.00		$3.00	
Massena Telephone Company	IA	351239	All	All	$2.00	(I)	$2.00		$3.00	
Matanuska Telephone Association	AK	613015	Big Lake (T)	All	$1.12	(R)	$2.00	(I)	$3.00	(M)
			Cantwell	All	$2.00		$2.00		$3.00	(N)
			Chugiak	All	$1.62		$2.00		$3.00	
			Clear-Anderson	All	$2.00		$2.00		$3.00	
			Eagle River	All	$1.62		$2.00		$3.00	
			Healy	All	$2.00		$2.00		$3.00	
			Palmer	All	$1.12		$2.00		$3.00	
			Talkeetna	All	$1.12		$2.00		$3.00	
			Talkeetna-Multi	All	$2.00		$2.00		$3.00	
			Tyonek	All	$1.32		$2.00		$3.00	
			Wasilla	All	$1.12		$2.00		$3.00	
			Willow	All	$1.12		$2.00		$3.00	(N)

Certain material currently found on this page previously appeared on 3rd Revised Page 17-152.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
McClellanville Telephone Company, Inc.	SC	240533	All	All	$2.00	(I)	$2.00	(I)	$3.00
McClure Tel. Co.	OH	300598	All	All	$2.00		$2.00		$3.00
McDaniel Telephone Company	WA	522430	All	All	$2.00		$2.00		$3.00
McDonald County Telephone Company	MO	421912	All	All	$2.00	(I)	$2.00		$3.00
McDonough Telephone Cooperative	IL	341047	Adair	Fulton	$0.00		$2.00		$3.00
			Adair	McDonough	$0.00		$2.00		$3.00
			Adair	McDonoughA	$1.31	(R)	$2.00		$3.00
			Bardolph	McDonough	$0.00		$2.00		$3.00
			Bardolph	McDonoughA	$1.31	(R)	$2.00		$3.00
			Blandinsville	Hancock	$0.00		$2.00		$3.00
			Blandinsville	HancockA	$1.31	(R)	$2.00		$3.00
			Blandinsville	Henderson	$0.96		$2.00		$3.00
			Blandinsville	HendersonA	$1.31	(R)	$2.00		$3.00
			Blandinsville	McDonough	$0.00		$2.00		$3.00
			Blandinsville	McDonoughA	$1.31	(R)	$2.00		$3.00
			Colchester	Hancock	$0.00		$2.00		$3.00
			Colchester	HancockA	$1.31	(R)	$2.00		$3.00
			Colchester	McDonough	$0.00		$2.00		$3.00
			Colchester	McDonoughA	$1.31	(R)	$2.00		$3.00
			Colusa	Hancock	$0.00		$2.00		$3.00
			Colusa	HancockA	$1.31	(R)	$2.00		$3.00
			Good Hope	Hancock	$0.00		$2.00		$3.00
			Good Hope	Henderson	$0.96	(R)	$2.00		$3.00
			Good Hope	McDonough	$0.00		$2.00		$3.00
			Good Hope	McDonoughA	$1.31	(R)	$2.00		$3.00
			Good Hope	Warren	$1.31	(R)	$2.00	(I)	$3.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC
McDonough Telephone Cooperative (Cont'd)	IL	341047	Industry	McDonough	$0.00		$2.00	(I)	$3.00
			Industry	McDonoughA	$1.31	(R)	$2.00		$3.00
			Industry	Schuyler	$0.96		$2.00		$3.00
			Industry	SchuylerA	$1.31	(R)	$2.00		$3.00
			Littleton	McDonough	$0.00		$2.00		$3.00
			Littleton	McDonoughA	$1.31	(R)	$2.00		$3.00
			Littleton	Schuyler	$0.96		$2.00		$3.00
			Littleton	SchuylerA	$1.31		$2.00		$3.00
			Lomax	Henderson	$0.96		$2.00		$3.00
			Lomax	HendersonA	$1.31		$2.00		$3.00
			Raritan	Henderson	$0.96		$2.00		$3.00
			Raritan	HendersonA	$1.31	(R)	$2.00		$3.00
			Raritan	McDonough	$0.00		$2.00		$3.00
			Raritan	Warren	$0.00		$2.00		$3.00
			Raritan	WarrenA	$1.31	(R)	$2.00		$3.00
			Smithshire	Henderson	$0.96		$2.00		$3.00
			Smithshire	HendersonA	$1.31	(R)	$2.00		$3.00
			Smithshire	Warren	$0.00		$2.00		$3.00
			Smithshire	WarrenA	$1.31	(R)	$2.00		$3.00
			Swan Creek	McDonough	$0.00		$2.00		$3.00
			Swan Creek	McDonoughA	$1.31	(R)	$2.00		$3.00
			Swan Creek	Warren	$0.00		$2.00		$3.00
			Swan Creek	WarrenA	$1.31	(R)	$2.00	(I)	$3.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange		Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
McLoud Telephone Company	OK	432006	All		All	$1.00	(I)	$1.00	(I)	$2.01	(I)
McNabb Telephone Company	IL	341048	All		All	$1.57		$2.00		$3.00	
Mechanicsville Telephone Company	IA	351241	All		All	$2.00		$2.00		$3.00	
Mediapolis Telephone Company	IA	351251	All		All	$2.00		$2.00		$3.00	
Medicine Park Telephone Company	OK	432008	All		All	$2.00	(I)	$2.00		$3.00	
Melrose Telephone Company	MN	361430	Eden Valley	(T)	All	$0.99	(R)	$2.00	(I)	$3.00	
			Greenwald		All	$2.00		$2.00		$3.00	(N)
			Grey Eagle		All	$2.00		$2.00		$3.00	
			Kimball		All	$2.00		$2.00		$3.00	
			Melrose		All	$2.00		$2.00		$3.00	
			Richmond		All	$0.49		$2.00		$3.00	
			St. Martin		All	$2.00		$2.00		$3.00	
			Watkins		All	$0.36		$2.00		$3.00	(N)
Merchants & Farmers Telephone Company	IN	320788	All		All	$0.00		$2.00	(I)	$3.00	
											(D)
											(D)
Mescalero Apache Telecom, Inc.	NM	491231	All		All	$2.00	(I)	$2.00	(I)	$3.00	

Certain material formerly found on this page now appears on 2nd Revised Page 17-153.3.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
Metamora Telephone Company	IL	341053	Germantown Hills	1	$1.18	$2.00	$3.00
			Germantown Hills	2	$0.00	$2.00	$3.00
			Germantown Hills	3	$0.00	$2.00	$3.00
			Germantown Hills	4	$0.18	$2.00	$3.00
			Germantown Hills (rural)	All	$1.87	$2.00	$3.00
			Metamora	Dmvoiceenha	$1.87	$2.00	$3.00
			Metamora	Dmvoicesfty	$1.87	$2.00	$3.00
			Metamora	Rdrescountry	$1.87	$2.00	$3.00
			Metamora	Rdrestown	$1.87	$2.00	$3.00
			Metamora	Tcrescountry	$1.69	$2.00	$3.00
			Metamora	Tcrestown	$1.87	$2.00	$3.00
MGW Telephone Company, Inc.	VA	190238	All	All	$2.00	$2.00	$3.00
Michigan Central Broadband Company, LLC	MI	310785	All	All	$0.00	$2.00	$3.00

Certain material formerly found on this page now appears on Original Page 17-153.3.1 and Original Page 17-153.3.2.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC	
Mid Century Telephone Co-operative	IL	341054	Altona	All	$0.28	$2.00	$3.00	(M)
			Bishop Hill	All	$0.59	$2.00	$3.00	
			Ellisville	All	$1.65	$2.00	$3.00	
			Fairview	All	$1.98	$2.00	$3.00	
			Gilson	All	$2.00	$2.00	$3.00	
			Lafayette	All	$0.17	$2.00	$3.00	
			Maquon	All	$2.00	$2.00	$3.00	
			Marietta	All	$2.00	$2.00	$3.00	
			Smithfield	All	$2.00	$2.00	$3.00	
			Summum	All	$1.68	$2.00	$3.00	
			Table Grove	All	$2.00	$2.00	$3.00	
			Victoria	All	$2.00	$2.00	$3.00	
			Williamsfield	All	$2.00	$2.00	$3.00	
			Yates City	All	$2.00	$2.00	$3.00	
Mid State Telephone Company, Inc. d/b/a K M P Telephone Company	MN	361413	All	All	$2.00	$2.00	$3.00	
Mid-America Telephone, Inc.	OK	432010	All	All	$2.00	$2.00	$3.00	(M)

(N)

Certain material currently found on this page previously appeared on 4th Revised Page 17-154 and 2nd Revised Page 17-153.3.

Director - Access Tariffs
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ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC	
Middle Point Home Telephone Company	OH	300633	All	All	$2.00	$2.00	$3.00	(M)
Middleburgh Telephone Company	NY	150105	All	All	$2.00	$2.00	$3.00	
Mid-Maine Telecom LLC	ME	103315	All	All	$2.00	$2.00	$3.00	
Mid-Plains Rural Tel. Coop, Inc.	TX	442112	All	All	$2.00	$2.00	$3.00	(M)

(N)

Certain material currently found on this page previously appeared on 2nd Revised Page 17-153.3 and 4th Revised Page 17-154.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC
Mid-Rivers Telephone Cooperative, Inc.	MT	482246	Baker	All	$2.00	(I)	$2.00	(I)	$3.00
			Bloomfield	All	$2.00		$2.00		$3.00
			Carlyle	All	$2.00		$2.00		$3.00
			Circle	All	$2.00		$2.00		$3.00
			Custer	All	$2.00		$2.00		$3.00
			East Carlyle	All	$2.00		$2.00		$3.00
			Ekalaka	All	$2.00		$2.00		$3.00
			Fallon	All	$2.00		$2.00		$3.00
			Grass Range	All	$2.00		$2.00		$3.00
			Jordan	All	$2.00		$2.00		$3.00
			Lambert	All	$2.00		$2.00		$3.00
			Lavina	All	$2.00		$2.00		$3.00
			Lindsay	All	$2.00		$2.00		$3.00
			Melstone	All	$2.00	(I)	$2.00		$3.00
			Musselshell	All	$0.00		$2.00		$3.00
			North Ryegate	All	$2.00	(I)	$2.00		$3.00
			Plevna	All	$2.00		$2.00		$3.00
			Richey	All	$2.00		$2.00		$3.00
			Rock Springs	All	$2.00		$2.00		$3.00
			Roundup	All	$2.00		$2.00		$3.00
			Roy	All	$2.00		$2.00		$3.00
			Ryegate	All	$2.00		$2.00		$3.00
			Savage	All	$2.00		$2.00		$3.00
			South Wolf Point	All	$2.00		$2.00		$3.00
			Terry	All	$2.00		$2.00		$3.00
			West Glendive	All	$2.00		$2.00		$3.00
			West Sidney	All	$2.00		$2.00		$3.00
			Winnett	All	$2.00	(I)	$2.00	(I)	$3.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	SLB ARC	MLB ARC

Certain material formerly found on this page now appears on Original Page 17-153.3.1, Original Page 17-153.3.2 and 7th Revised Page 17-155.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	SLB ARC	MLB ARC	
Midstate Communications, Inc.	ND	381638	All	All	$2.00	$2.00	$3.00	(M)
Midstate Communications, Inc.	SD	391670	All	All	$0.15	$2.00	$3.00	|
Midstate Telephone Company	ND	381617	All	All	$2.00	$2.00	$3.00	(M)
Midvale Telephone Exchange, Inc.	AZ	452226	Cascabel	All	$0.40	$2.00	$3.00	
			Granitmtn	All	$0.00	$2.00	$3.00	
			Millsite	All	$0.00	$2.00	$3.00	
			Silverbell	All	$0.00	$2.00	$3.00	
			Young	All	$2.00	$2.00	$3.00	
Midvale Telephone Exchange, Incorporated	ID	472226	All	All	$0.00	$2.00	$3.00	
Midway Telephone Company	MI	310711	All	All	$0.00	$2.00	$3.00	
Midwest Telephone Company	MN	361431	All	All	$2.00	$2.00	$3.00	
Miles Coop. Tel. Assoc.	IA	351242	All	All	$2.00	$2.00	$3.00	
Miller Telephone Company	MO	421920	All	All	$2.00	$2.00	$3.00	
Millry Telephone Company, Inc.	AL	250304	All	All	$2.00	$2.00	$3.00	
Minburn Telecommunications, Inc.	IA	351158	All	All	$2.00	$2.00	$3.00	
Minburn Telephone Company	IA	351245	All	All	$2.00	$2.00	$3.00	
Minerva Valley Telephone Company, Inc.	IA	351246	All	All	$2.00	$2.00	$3.00	
Minford Telephone Company	OH	300634	All	All	$2.00	$2.00	$3.00	
Minnesota Valley Telephone Company, Inc.	MN	361439	All	All	$2.00	$2.00	$3.00	
Missouri Valley Communications, Inc.	ND	382247	All	All	$2.00	$2.00	$3.00	

Certain material currently found on this page previously appeared on 4th Revised Page 17-154.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Moapa Valley Telephone Company	NV	552353	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Modern Coop. Tel. Co.	IA	351247	All	All	$2.00		$2.00		$3.00	
MoKan Dial, Inc.	KS	411807	All	All	$2.00		$2.00		$3.00	
MoKan Dial, Inc.	MO	421807	All	All	$2.00	(I)	$2.00		$3.00	
Molalla Telephone Company	OR	532383	All	All	$0.00		$0.50		$1.00	(I)
Mon-Cre Telephone Cooperative, Inc.	AL	250305	All	All	$2.00	(I)	$2.00		$3.00	
Monitor Cooperative Telephone Company	OR	532384	All	All	$2.00		$2.00		$3.00	
Monon Telephone Company, Inc.	IN	320790	All	All	$1.00	(I)	$1.00		$2.00	(I)
Monroe Telephone Company	OR	532385	All	All	$0.00		$2.00		$3.00	
Montrose Mutual Telephone Company	IL	341058	All	All	$2.00	(I)	$2.00		$3.00	
Mosinee Telephone Company, LLC	WI	330915	All	All	$2.00	(I)	$2.00		$3.00	
Moultrie Independent Telephone Company	IL	341060	All	All	$0.00		$2.00		$3.00	
Mound Bayou Telephone & Communications, Inc.	MS	280462	All	All	$2.00	(I)	$2.00		$3.00	
Moundridge Telephone Company	KS	411808	All	All	$2.00		$2.00		$3.00	
Moundville Telephone Company	AL	250307	All	All	$2.00		$2.00		$3.00	
Mountain Rural Tel. Coop. Corp., Inc.	KY	260414	All	All	$2.00		$2.00		$3.00	
Mountain View Telephone Company	AR	401712	All	All	$2.00		$2.00		$3.00	
Mt. Angel Telephone Company	OR	532386	All	All	$2.00		$2.00		$3.00	
Mud Lake Telephone Cooperative Association, Inc.	ID	472227	All	All	$2.00		$2.00		$3.00	
Muenster Telephone Corporation of Texas d/b/a Nortex Communications	TX	442116	All	All	$2.00	(I)	$2.00	(I)	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Mukluk Telephone Company, Inc.	AK	613016	Elim	All	$0.00	(R)	$2.00	(I)	$3.00	
			Golovin	All	$0.00		$2.00		$3.00	
			Koyuk	All	$0.00		$2.00		$3.00	
			Little Diomede	All	$0.00	(R)	$2.00		$3.00	
			Nome	All	$0.00		$2.00		$3.00	
			Shaktoolik	All	$0.00	(R)	$2.00		$3.00	
			Shishmaref	All	$0.00		$2.00		$3.00	
			St. Michael	All	$0.00		$2.00		$3.00	
			Stebbins	All	$0.00		$2.00		$3.00	
			Teller	All	$0.00		$2.00		$3.00	
			Wales	All	$0.00		$2.00		$3.00	
			White Mountain	All	$0.00	(R)	$2.00		$3.00	
Mulberry Cooperative Telephone Company, Inc.	IN	320792	All	All	$2.00	(I)	$2.00		$3.00	
Mutual Telephone Company	IA	351252	All	All	$2.00		$2.00		$3.00	
Mutual Telephone Company	KS	411809	All	All	$2.00		$2.00		$3.00	
Mutual Telephone Company of Morning Sun	IA	351250	All	All	$2.00		$2.00		$3.00	
Myrtle Tel. Co., Inc.	MS	287449	Myrtle (T)	Base rate (T)	$2.00	(I)	$2.00	(I)	$3.00	
			Myrtle	Zone 1	$1.60		$2.00		$3.00	(N)
National Telephone of Alabama, Inc.	AL	250286	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Nebraska Central Telephone Company	NE	371574	All	All	$2.00		$2.00		$3.00	
Nehalem Telecommunications, Inc. d/b/a Nehalem Tel. & Tel.	OR	532387	All	All	$2.00		$2.00		$3.00	
Nelson Communications Cooperative	WI	330918	All	All	$2.00	(I)	$2.00	(I)	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
Nemont Telephone Cooperative, Inc.	ND	382247	Ambrose (T)	All	$2.00	(I)	$2.00	(I)	$3.00	
			East Westby	All	$1.46		$2.00		$3.00	(M)
			Fortuna	All	$2.00	(I)	$2.00		$3.00	(M)
Nemont Telephone Cooperative, Inc.	MT	482247	All	All	$1.40		$2.00		$3.00	
New Castle Tel. Co.	VA	193029	New Castle	Flat Rate	$0.26		$2.00		$3.00	
			New Castle	Measured	$1.76	(I)	$2.00		$3.00	
			Paint Bank	All	$2.00		$2.00		$3.00	
New Florence Telephone Company, Inc.	MO	421927	All	All	$2.00		$2.00		$3.00	
New Hope Telephone Cooperative	VA	190239	All	All	$0.50		$0.50		$1.00	(I)
New Hope Telephone Cooperative	AL	250308	All	All	$2.00		$2.00		$3.00	
New Knoxville Telephone Company	OH	300639	All	All	$2.00	(I)	$2.00		$3.00	
New Lisbon Telephone Company, Inc.	IN	320796	All	All	$0.00		$1.00		$2.00	(I)
New London Telephone Company	MO	421928	All	All	$2.00	(I)	$2.00		$3.00	
New Paris Telephone, Inc.	IN	320797	All	All	$0.81		$2.00		$3.00	
New Ulm Telecom, Inc.	MN	361442	All	All	$2.00		$2.00		$3.00	
New Windsor Telephone Company	IL	341062	All	All	$2.00	(I)	$2.00		$3.00	
Newport Telephone Company, Inc.	NY	150107	All	All	$0.15		$2.00		$3.00	
Niagara Telephone Company	WI	330920	All	All	$2.00	(I)	$2.00		$3.00	
Nicholville Telephone Company, Inc.	NY	150108	Nicholville	All	$0.48		$2.00		$3.00	
			Winthrop	All	$0.15		$2.00		$3.00	
North Central Telephone Cooperative, Inc.	TN	290573	All	All	$2.00	(I)	$2.00		$3.00	
North Country Telephone Company	AK	613026	All	All	$0.00		$2.00	(I)	$3.00	

Certain material currently found on this page previously appeared on 5th Revised Page 17-155.

Certain material formerly found on this page now appears on 4th Revised Page 17-159.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
North Dakota Telephone Co.	ND	381447	All	All	$2.00	$2.00	$3.00
North English Cooperative Telephone Company	IA	351257	All	All	$2.00	$2.00	$3.00
North Penn Telephone Company	PA	170192	All	All	$2.00	$2.00	$3.00
North State Telephone Company d/b/a North State Communications	NC	230491	All	All	$2.00	$2.00	$3.00
North Texas Telephone Company	TX	442043	All	All	$2.00	$2.00	$3.00
Northeast Florida Telephone Company, Inc.	FL	210335	All	All	$2.00	$2.00	$3.00
Northeast Iowa Telephone Company, Inc.	IA	351230	All	All	$2.00	$2.00	$3.00
Northeast Louisiana Telephone Company, Inc.	LA	270435	All	All	$2.00	$2.00	$3.00
Northeast Missouri Rural Telephone Company	MO	421931	All	All	$2.00	$2.00	$3.00
Northeast Nebraska Telephone Company	NE	371576	All	All	$2.00	$2.00	$3.00
Northeast Telephone Company	WI	330938	All	All	$2.00	$2.00	$3.00
Northern Arkansas Telephone Company	AR	401713	All	All	$2.00	$2.00	$3.00
Northern Iowa Telephone Company	IA	351259	All	All	$2.00	$2.00	$3.00
Northern Telephone Company of Minnesota	MN	361500	All	All	$2.00	$2.00	$3.00
Northern Telephone Cooperative, Inc.	MT	482248	All	All	$2.00	$2.00	$3.00
Northfield Telephone Company	VT	140061	Northfield	Flat Rate	$0.00	$2.00	$3.00
			Northfield	Measured	$1.50	$2.00	$3.00
North-State Telephone Company	OR	532388	All	All	$2.00	$2.00	$3.00

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC
Northwest Communications Cooperative, Inc.	ND	381625	Alamo	All	$0.96	(R)	$2.00	(I)	$3.00
			Bowbells	All	$0.96		$2.00		$3.00
			Columbus	All	$0.96		$2.00		$3.00
			Crosby	All	$0.00	(R)	$2.00		$3.00
			Epping	All	$0.00		$2.00		$3.00
			Flaxton	All	$0.96	(R)	$2.00		$3.00
			Grenora	All	$0.96		$2.00		$3.00
			Lignite	All	$0.96	(R)	$2.00		$3.00
			Marmon	All	$0.00		$2.00		$3.00
			McGregor	All	$0.96	(R)	$2.00		$3.00
			Noonan	All	$0.96		$2.00		$3.00
			Powers Lake	All	$0.96		$2.00		$3.00
			Ray	All	$0.96	(R)	$2.00		$3.00
			Round Prairie	All	$0.00		$2.00		$3.00
			Tioga	All	$0.96	(R)	$2.00		$3.00
			Wildrose	All	$0.96	(R)	$2.00	(I)	$3.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Northwest Iowa Telephone, LLC	IA	351260	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Northwest Tel. Coop.	IA	351261	All	All	$0.00		$2.00		$3.00	
Northwestern Indiana Tel. Co.	IN	320800	All	All	$0.73	(I)	$0.73		$1.45	(I)
Norway Telephone Company, Inc.	SC	240535	All	All	$2.00		$2.00		$3.00	
Nova Telephone Company	OH	300644	All	All	$0.50	(I)	$0.50		$1.00	(I)
Noxapater Telephone Company, Inc.	MS	280461	All	All	$0.42		$2.00		$3.00	
Nucla-Naturita Telephone Company	CO	462193	All	All	$2.00	(I)	$2.00		$3.00	
Nunn Telephone Company	CO	462194	All	All	$1.64	(I)	$2.00		$3.00	
Nushagak Electric & Telephone Cooperative, Inc.	AK	613018	Dillingham	All	$0.48	(R)	$2.00		$3.00	
			Ekuk	All	$0.00		$2.00		$3.00	
			Manokotak	All	$0.00		$2.00		$3.00	
Oakman Telephone Company, Inc.	AL	250311	Flatwood	All	$2.00	(I)	$2.00		$3.00	
			Lynn	All	$2.00	(I)	$2.00		$3.00	
			Nauvoo	All	$0.00		$2.00		$3.00	
			Oakman	All	$0.00		$2.00		$3.00	
Oakwood Mutual Telephone Company	OH	300645	All	All	$2.00	(I)	$2.00		$3.00	
Odin Telephone Exchange, Inc.	IL	341065	Martinsville	All (T)	$0.00		$2.00	(I)	$3.00	(D)
			Oblong	In Town	$0.89	(I)	$2.00	(I)	$3.00	
			Oblong	Out of Town	$0.00		$2.00		$3.00	
			Odin	All	$0.00	(R)	$2.00		$3.00	
			Schobonier	All	$0.00	(R)	$2.00		$3.00	
Ogden Telephone Company	MI	310714	All	All	$0.00		$2.00		$3.00	
Ogden Telephone Company	IA	351263	All	All	$2.00	(I)	$2.00	(I)	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
Oklahoma Western Telephone Company	OK	432014	All	All	$2.00	(I)	$2.00	(I)	$3.00
Oklatel Communications, Inc.	OK	432013	All	All	$2.00		$2.00		$3.00
Olin Telephone Company, Inc.	IA	351264	All	All	$2.00	(I)	$2.00		$3.00
Oneida County Rural Telephone Company	NY	150111	All	All	$0.15		$2.00		$3.00
Oneida Telephone Exchange, Inc.	IL	341066	All	All	$1.67	(I)	$2.00		$3.00
Onslow Cooperative Telephone Association	IA	351265	All	All	$2.00		$2.00		$3.00
Ontario Telephone Company, Inc.	NY	150112	All	All	$2.00	(I)	$2.00		$3.00
Ontonagon County Telephone Company	MI	310717	Bruce Crossing	All	$0.00	(R)	$2.00		$3.00
			Ewen	All	$0.00	(R)	$2.00		$3.00
			Mass City	All	$0.00		$2.00		$3.00
			Ontonagon	All	$0.00		$2.00		$3.00
			Rockland	All	$0.00		$2.00		$3.00
			White Pine	All	$0.00		$2.00		$3.00
Oran Mutual Telephone Company	IA	351266	All	All	$2.00	(I)	$2.00		$3.00
Orchard Farm Tel. Co.	MO	421934	Orchard Farm	Base Rate	$0.00	(R)	$2.00		$3.00
			Orchard Farm	MCA	$0.00		$2.00	(I)	$3.00

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	SLB ARC	MLB ARC
Oregon Farmers Mutual Telephone Company	MO	421935	All	All	$2.00	$2.00	$3.00
Oregon Telephone Corporation	OR	532389	All	All	$2.00	$2.00	$3.00
Oregon Telephone Corporation	OR	533336	Harper	All	$0.00	$2.00	$3.00
			Juntura	All	$2.00	$2.00	$3.00
Oregon-Idaho Utilities, Inc.	OR	532390	Adrian	All	$2.00	$2.00	$3.00
			Jordan Valley	All	$2.00	$2.00	$3.00
			Ridgeview	All	$0.89	$2.00	$3.00
			South Mountain	All	$2.00	$2.00	$3.00
Oriskany Falls Telephone Corporation	NY	150114	All	All	$0.90	$2.00	$3.00
Orwell Telephone Company	OH	300649	Belmore	All	$2.00	$2.00	$3.00
			Colebrook	All	$2.00	$2.00	$3.00
			Gilboa	All	$2.00	$2.00	$3.00
			Leipsic Village	All	$2.00	$2.00	$3.00
			Mt Cory	All	$2.00	$2.00	$3.00
			North Brookfield	All	$1.27	$2.00	$3.00
			Orwell	All	$2.00	$2.00	$3.00
			Pandora	All	$2.00	$2.00	$3.00
			Windsor	All	$2.00	$2.00	$3.00

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC
Osakis Telephone Company	MN	361448	All	All	$2.00	(I)	$2.00	(I)	$3.00
Otelco Mid-Missouri LLC	MO	421917	All	All	$2.00		$2.00		$3.00
Ottoville Mutual Telephone Company	OH	300650	All	All	$2.00	(I)	$2.00		$3.00
OTZ Telephone	AK	613019	Ambler	All	$0.00	(R)	$2.00		$3.00
			Buckland	All	$0.00		$2.00		$3.00
			Deering	All	$0.00		$2.00		$3.00
			Kiana	All	$0.00		$2.00		$3.00
			Kivalina	All	$0.00		$2.00		$3.00
			Kobuk	All	$0.00	(R)	$2.00		$3.00
			Kotzebue	All	$0.00		$2.00		$3.00
			Noatak	All	$0.00	(R)	$2.00		$3.00
			Noorvik	All	$0.00		$2.00		$3.00
			Red Dog	All	$0.00		$2.00		$3.00
			Selawik	All	$0.00		$2.00		$3.00
			Shungnak	All	$0.00	(R)	$2.00	(I)	$3.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Oxford County Telephone & Telegraph Company	ME	100019	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Oxford West Telephone Company	ME	100002	All	All	$2.00		$2.00		$3.00	
Palmer Mutual Telephone Company	IA	351270	All	All	$2.00		$2.00		$3.00	
Palmerton Telephone Company	PA	170196	All	All	$2.00		$2.00		$3.00	
Palmetto Rural Telephone Cooperative	SC	240536	All	All	$2.00		$2.00		$3.00	
Palo Cooperative Telephone Association	IA	351269	All	All	$2.00	(I)	$2.00	(I)	$3.00	(D) (D)
Panora Communications Cooperative	IA	351271	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Park Region Mutual Telephone Company	MN	361450	All	All	$2.00	(I)	$2.00		$3.00	
Partner Communications Cooperative	IA	351187	Baxter	All	$0.52		$2.00		$3.00	
			Gilman	All	$0.52		$2.00		$3.00	
			Kellogg	All	$0.52		$2.00		$3.00	
			Melbourne	All	$0.00		$2.00		$3.00	
			Rhodes	All	$0.00		$2.00		$3.00	
			State Center	All	$0.00		$2.00		$3.00	
Pattersonville Telephone Company	NY	150116	All	All	$2.00	(I)	$2.00		$3.00	
Pattersonville Telephone Company	OH	300651	All	All	$2.00	(I)	$2.00	(I)	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
Paul Bunyan Rural Telephone Cooperative	MN	361451	All	All	$2.00	(I)	$2.00	(I)	$3.00	
PBT Telecom, Inc.	SC	240539	All	All	$2.00		$2.00		$3.00	
Peace Valley Telephone Company	MO	421936	All	All	$2.00		$2.00		$3.00	
Peetz Cooperative Telephone Company	CO	462196	All	All	$2.00		$2.00		$3.00	
Pembroke Telephone Company, Inc.	GA	220376	Ellabell	All	$2.00	(I)	$2.00		$3.00	
			Pembroke	Base rate	$1.17		$2.00		$3.00	
			Pembroke	Pell	$2.00	(I)	$2.00		$3.00	
Pembroke Telephone Cooperative	VA	190243	All	All	$2.00		$2.00		$3.00	
Penasco Valley Telephone Cooperative, Inc.	NM	492270	All	All	$2.00		$2.00		$3.00	
Pend Oreille Telephone Company	WA	522418	All	All	$2.00		$2.00		$3.00	
Pennsylvania Tel. Co.	PA	170197	All	All	$2.00		$2.00		$3.00	
Peoples Mutual Telephone Company, Inc.	VA	190244	Gretna (T)	All	$2.00	(I)	$2.00	(I)	$3.00	
			Hurt	All	$1.50		$2.00		$3.00	(N)
			Renan	All	$2.00		$2.00		$3.00	
			Sandy Level	All	$2.00		$2.00		$3.00	(N)
Peoples Rural Telephone Cooperative Corp.	KY	260415	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Peoples Telecommunications, LLC	KS	411814	All	All	$2.00		$2.00		$3.00	
Peoples Telephone Company	TN	290576	All	All	$2.00		$2.00		$3.00	
Peoples Telephone Company	IA	351273	All	All	$2.00		$2.00		$3.00	
Peoples Telephone Company	MN	361453	All	All	$2.00	(I)	$2.00		$3.00	
Peoples Telephone Company	OR	532391	All	All	$0.58		$2.00	(I)	$3.00	(D) (D)
Peoples Telephone Cooperative	TX	442130	All	All	$2.00	(I)	$2.00	(I)	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
Perkinsville Telephone Company	VT	140062	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Perry-Spencer Rural Telephone Cooperative Inc. d/b/a PSC	IN	320807	Bandon (T)	All	$0.98	(R)	$1.03	(R)	$1.62	(R)
			Holland	All	$1.03		$1.03		$1.62	(N)
			Lamar	All	$1.03		$1.03		$1.62	
			Santa Claus	All	$1.03		$1.03		$1.62	
			St. Marks	All	$0.98		$1.03		$1.62	
			St. Meinrad	All	$1.03		$1.03		$1.62	(N)
Phillips County Telephone Company	CO	462197	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Piedmont Rural Telephone Cooperative, Inc.	SC	240538	All	All	$2.00		$2.00		$3.00	
Pierce Telephone Company	NE	371581	All	All	$2.00	(I)	$2.00		$3.00	
Pigeon Telephone Company	MI	310721	Lakes of the North	All	$0.00		$2.00		$3.00	
			Pigeon	All	$0.00		$2.00		$3.00	
			Twining	All	$0.37		$2.00	(I)	$3.00	

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
Pine Belt Telephone Company, Inc.	AL	250315	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Pine Drive Telephone Company	CO	462198	All	All	$2.00	(I)	$2.00	(I)	$3.00	(D)
Pine Tel. Co.	OK	432017	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Pine Telephone System	OR	532392	All	All	$2.00		$2.00		$3.00	
Pine Tree Telephone LLC	ME	100020	All	All	$2.00		$2.00		$3.00	
Pineland Telephone Cooperative, Inc.	GA	220377	All	All	$2.00		$2.00		$3.00	
Pineville Telephone Company	NC	230494	All	All	$2.00		$2.00		$3.00	
Pinnacles Tel. Co.	CA	542346	All	All	$2.00		$2.00		$3.00	
Pioneer Telephone Company	WA	522437	All	All	$2.00		$2.00		$3.00	
Pioneer Telephone Cooperative	OR	532393	Alsea	All	$2.00	(I)	$2.00		$3.00	
			Bellfountain	All	$0.00		$2.00		$3.00	
			Blodgett	All	$2.00	(I)	$2.00		$3.00	
			Chitwood	All	$2.00		$2.00		$3.00	
			Harlan	All	$2.00	(I)	$2.00		$3.00	
			Horton	All	$0.00		$2.00		$3.00	
			Lobster Valley	All	$2.00	(I)	$2.00		$3.00	
			Philomath	All	$2.00	(I)	$2.00		$3.00	
			South Beach	All	$0.99		$2.00		$3.00	
			Summit	All	$2.00	(I)	$2.00		$3.00	
			Tidewater	All	$2.00	(I)	$2.00		$3.00	
			Triangle Lake	All	$0.00		$2.00		$3.00	
			Waldport	All	$2.00	(I)	$2.00		$3.00	
			Yachats	All	$2.00	(I)	$2.00	(I)	$3.00	

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
Pioneer Telephone Cooperative, Inc.	OK	432018	Aline	All	$2.00	(I)	$2.00	(I)	$3.00
			Ames	All	$2.00	(I)	$2.00		$3.00
			Apache	All	$0.13	(R)	$2.00		$3.00
			Arnett	All	$0.54		$2.00		$3.00
			Blanchard	All	$0.00	(R)	$2.00		$3.00
			Bradley	All	$2.00	(I)	$2.00		$3.00
			Buffalo	All	$0.54	(R)	$2.00		$3.00
			Calumet	All	$0.00	(R)	$2.00		$3.00
			Canton	All	$2.00	(I)	$2.00		$3.00
			Carmen	All	$2.00		$2.00		$3.00
			Carter	All	$2.00		$2.00		$3.00
			Chattanooga	All	$1.66		$2.00		$3.00
			Chester	All	$2.00		$2.00		$3.00
			Cleo Springs	All	$2.00	(I)	$2.00		$3.00
			Comanche	All	$0.54	(R)	$2.00		$3.00
			Covington	All	$2.00	(I)	$2.00		$3.00
			Crescent	All	$0.00	(R)	$2.00		$3.00
			Custer City	All	$2.00	(I)	$2.00		$3.00
			Dacoma	All	$2.00	(I)	$2.00		$3.00
			Davidson	All	$0.54	(R)	$2.00	(I)	$3.00

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
Pioneer Telephone Cooperative, Inc. (Cont'd)	OK	432018	Deer Creek	All	$2.00	(I)	$2.00	(I)	$3.00
			Dibble	All	$0.00	(R)	$2.00		$3.00
			Douglas	All	$0.11	(R)	$2.00		$3.00
			Dover	All	$2.00	(I)	$2.00		$3.00
			Drummond	All	$0.00	(R)	$2.00		$3.00
			Fargo	All	$2.00	(I)	$2.00		$3.00
			Fay	All	$2.00	(I)	$2.00		$3.00
			Frederick	All	$0.54	(R)	$2.00		$3.00
			Freedom	All	$2.00	(I)	$2.00		$3.00
			Ft Supply	All	$0.54	(R)	$2.00		$3.00
			Gage	All	$0.54	(R)	$2.00		$3.00
			Garber	All	$2.00	(I)	$2.00		$3.00
			Geary	All	$2.00	(I)	$2.00		$3.00
			Gould	All	$0.54	(R)	$2.00		$3.00
			Grandfield	All	$0.54	(R)	$2.00		$3.00
			Harmon	All	$2.00	(I)	$2.00		$3.00
			Hastings	All	$0.54	(R)	$2.00		$3.00
			Helena	All	$2.00	(I)	$2.00		$3.00
			Hennessey	All	$2.00	(I)	$2.00		$3.00
			Hollis	All	$0.54	(R)	$2.00		$3.00
			Hopeton	All	$2.00	(I)	$2.00	(I)	$3.00

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
Pioneer Telephone Cooperative, Inc. (Cont'd)	OK	432018	Hunter	All	$2.00	(I)	$2.00	(I)	$3.00
			Kingfisher	All	$0.00	(R)	$2.00		$3.00
			Lahoma	All	$0.00	(R)	$2.00		$3.00
			Lamont	All	$2.00	(I)	$2.00		$3.00
			Loco	All	$0.54	(R)	$2.00		$3.00
			Longdale	All	$2.00	(I)	$2.00		$3.00
			Loyal	All	$2.00	(I)	$2.00		$3.00
			Manitou	All	$0.54	(R)	$2.00		$3.00
			Marshall	All	$2.00	(I)	$2.00		$3.00
			May	All	$2.00		$2.00		$3.00
			Meno	All	$2.00		$2.00		$3.00
			Mooreland	All	$2.00		$2.00		$3.00
			Mutual	All	$2.00		$2.00		$3.00
			Nash	All	$2.00	(I)	$2.00		$3.00
			Newcastle East	All	$0.00	(R)	$2.00		$3.00
			Newcastle West	All	$0.00	(R)	$2.00		$3.00
			Oakwood	All	$2.00	(I)	$2.00		$3.00
			Okarche	All	$0.00	(R)	$2.00		$3.00
			Okeene	All	$2.00	(I)	$2.00		$3.00
			Orlando	All	$2.00	(I)	$2.00	(I)	$3.00

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC
Pioneer Telephone Cooperative, Inc. (Cont'd)	OK	432018	Pond Creek	All	$2.00	(I)	$2.00	(I)	$3.00
			Putnam	All	$2.00		$2.00		$3.00
			Quinlan	All	$2.00		$2.00		$3.00
			Ringwood	All	$2.00		$2.00		$3.00
			Seiling	All	$2.00		$2.00		$3.00
			Selman	All	$2.00		$2.00		$3.00
			Sentinel	All	$2.00		$2.00		$3.00
			Sharon	All	$2.00	(I)	$2.00		$3.00
			Shattuck	All	$0.54	(R)	$2.00		$3.00
			Temple	All	$0.54	(R)	$2.00		$3.00
			Thomas	All	$2.00	(I)	$2.00		$3.00
			Tipton	All	$0.54	(R)	$2.00		$3.00
			Wakita	All	$2.00	(I)	$2.00		$3.00
			Watonga	All	$2.00	(I)	$2.00		$3.00
			Waynoka	All	$0.54	(R)	$2.00	(I)	$3.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Plains Cooperative Telephone Assoc., Inc.	CO	462199	All	All	$1.43		$2.00	(I)	$3.00	
Plainview Telephone Company, Inc.	NE	371582	All	All	$2.00	(I)	$2.00		$3.00	
Plant Telephone Company	GA	220379	Lenox	All	$2.00		$2.00		$3.00	
			Omega	All	$2.00		$2.00		$3.00	
			Pearson	All	$2.00		$2.00		$3.00	
			Pinehurst	All	$2.00	(I)	$2.00		$3.00	
			Soperton	All	$0.00		$2.00		$3.00	
			Warwick	All	$1.41		$2.00		$3.00	
			Willacoochee	All	$2.00	(I)	$2.00		$3.00	
Planters Rural Telephone Cooperative, Inc.	GA	220378	All	All	$2.00		$2.00		$3.00	
Poka-Lambro Rural Telephone Cooperative, Inc.	TX	442131	All	All	$1.68		$1.68		$3.00	(I)
Polar Commununications Mutual Aid Corporation	ND	381630	All	All	$2.00		$2.00		$3.00	
Polar Commununications Mutual Aid Corporation	ND	381614	All	All	$2.00		$2.00		$3.00	
Ponderosa Tel. Co.	CA	542332	All	All	$2.00		$2.00		$3.00	
Port Byron Telephone Company	NY	150118	All	All	$2.00		$2.00		$3.00	
Potlatch Telephone Company, Inc.	ID	472230	All	All	$2.00		$2.00		$3.00	
Pottawatomie Telephone Company	OK	432020	All	All	$2.00		$2.00		$3.00	
Prairie Grove Telephone Company	AR	401718	All	All	$2.00		$2.00		$3.00	
Prairie Telephone Company	IA	351344	Farragut	All	$2.00	(I)	$2.00		$3.00	
			Pacific Junction	All	$0.00		$2.00	(I)	$3.00	

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC	
Prairieburg Telephone Company, Inc.	IA	351275	All	All	$2.00	$2.00	$3.00	
Preston Telephone Company	IA	351276	All	All	$2.00	$2.00	$3.00	
Price County Telephone Company	WI	330937	All	All	$2.00	$2.00	$3.00	
Progressive Rural Tel. Coop., Inc.	GA	220380	All	All	$2.00	$2.00	$3.00	
Project Mutual Tel. Coop. Assn., Inc.	ID	472231	All	All	$2.00	$2.00	$3.00	
Project Telephone Company, Inc.	MT	482250	All	All	$2.00	$2.00	$3.00	
Public Service Telephone Company	GA	220381	Butler	All	$1.60	$2.00	$3.00	
			Culloden	All	$1.60	$2.00	$3.00	
			Geneva	All	$1.28	$2.00	$3.00	
			Lizella	All	$1.60	$2.00	$3.00	
			Reynolds	All	$1.60	$2.00	$3.00	
			Roberta	All	$2.00	$2.00	$3.00	
			Talbotton	All	$0.00	$2.00	$3.00	
Pulaski-White Rural Tel. Coop., Inc.	IN	320813	All	All	$0.00	$2.00	$3.00	
Pymatuning Independent Tel. Co.	PA	170200	All	All	$2.00	$2.00	$3.00	
Radcliffe Telephone Company, Inc.	IA	351277	All	All	$2.00	$2.00	$3.00	
Ragland Telephone Company	AL	250316	All	All	$2.00	$2.00	$3.00	
Rainbow Telecommunications Association, Inc.	KS	411820	All	All	$2.00	$2.00	$3.00	
Randolph Telephone Membership Corporation d/b/a Randolph Communications	NC	230496	All	All	$2.00	$2.00	$3.00	(T)

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
Range Telephone Cooperative, Inc.	MT	482251	All	All	$2.00	(I)	$2.00	(I)	$3.00	(M)
Range Telephone Cooperative, Inc.	WY	512251	Alzada (T)	All	$2.00	(I)	$2.00	(I)	$3.00	(M)
			Arvada	All	$2.00		$2.00		$3.00	(N)
			Clearmont	All	$2.00		$2.00		$3.00	
			Decker	All	$2.00		$2.00		$3.00	
			SE Sheridan	All	$2.00		$2.00		$3.00	
			Sundance	All	$1.55		$2.00		$3.00	(N)

Certain material currently found on this page previously appeared on 2nd Revised Page 17-166.

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
RC Technologies	SD	391674	All	All	$2.00	(I)	$2.00	(I)	$3.00
Reasnor Telephone Company, Inc.	IA	350739	All	All	$2.00		$2.00		$3.00
Red River Rural Telephone Association d/b/a Red River Communications	ND	381631	Abercrombie	All	$2.00		$2.00		$3.00
			Barnesville	All	$2.00		$2.00		$3.00
			Colfax	All	$2.00		$2.00		$3.00
			East Fairmount	All	$2.00		$2.00		$3.00
			Fairmount	All	$1.85		$2.00		$3.00
			Great Bend	All	$2.00		$2.00		$3.00
			Hankinson	All	$2.00		$2.00		$3.00
			Kent	All	$2.00		$2.00		$3.00
			Lidgerwood	All	$2.00		$2.00		$3.00
			Mooreton	All	$2.00		$2.00		$3.00
			Rollag	All	$2.00	(I)	$2.00		$3.00
			Wyndmere	All	$0.16		$2.00		$3.00
Redwood County Telephone Company	MN	361472	All	All	$2.00	(I)	$2.00		$3.00
Reservation Telephone Cooperative	ND	381632	All	All	$2.00		$2.00		$3.00
Reserve Telephone Company	LA	270438	All	All	$2.00		$2.00		$3.00
Reynolds Telephone Company	IL	341075	All	All	$2.00		$2.00		$3.00
Rice Belt Telephone Company	AR	401721	All	All	$2.00		$2.00		$3.00
Richland-Grant Telephone Cooperative, Inc.	WI	330942	All	All	$2.00		$2.00		$3.00
Richmond Telephone Company	MA	110037	All	All	$2.00	(I)	$2.00		$3.00
Rico Telephone Company	CO	462201	All	All	$1.50		$2.00		$3.00
Ridgeville Telephone Company	OH	300654	All	All	$2.00	(I)	$2.00	(I)	$3.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange		Rate Zone		Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
Ringgold Telephone Company	GA	220382	All		All		$2.00	(I)	$2.00	(I)	$3.00	
Ringsted Telephone Company	IA	351280	All		All		$2.00		$2.00		$3.00	
Rio Virgin Telephone Company, Inc.	NV	552356	All		All		$2.00		$2.00		$3.00	
River Valley Telecommunications Coop.	IA	351189	All		All		$2.00		$2.00		$3.00	
River Valley Telecommunications Coop.	IA	351284	All		All		$2.00	(I)	$2.00	(I)	$3.00	(D)
Riviera Telephone Company, Inc.	TX	442134	All		All		$2.00	(I)	$2.00	(I)	$3.00	
Roanoke Tel. Co., Inc.	AL	250317	All		All		$2.00		$2.00		$3.00	
Rochester Telephone Company	IN	320815	All		All		$2.00	(I)	$2.00		$3.00	
Rock County Tel. Co.	NE	371586	All		All		$1.11		$2.00		$3.00	
Rock Port Telephone Company	MO	421942	All		All		$2.00	(I)	$2.00		$3.00	
Rockwell Cooperative Telephone Association	IA	351282	All		All		$2.00		$2.00		$3.00	
Roggen Telephone Cooperative Company	CO	462202	All		All		$2.00		$2.00		$3.00	
Roome Telecommunications, Inc.	OR	532375	Halsey	(T)	Zone 1	(T)	$2.00	(I)	$2.00	(I)	$3.00	
			Halsey		Zone 2		$1.88		$2.00		$3.00	(N)

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone		Monthly Rate RES ARC		SLB ARC		MLB ARC	
Roosevelt County Rural Telephone Coop., Inc.	NM	492272	Arch	Base rate		$0.00		$2.00	(I)	$3.00	
			Arch	Emergencyln		$0.00	(R)	$2.00		$3.00	
			Causey	Base rate		$0.00		$2.00		$3.00	
			Causey	Emergencyln		$0.00	(R)	$2.00		$3.00	
			Dora	Base rate		$0.00		$2.00		$3.00	
			Dora	Emergencyln		$0.00	(R)	$2.00		$3.00	
			Elida	Base rate		$0.00		$2.00		$3.00	
			Elida	Emergencyln		$0.00	(R)	$2.00		$3.00	
			Floyd	Base rate		$0.00		$2.00		$3.00	
			Floyd	Emergencyln		$0.00	(R)	$2.00		$3.00	
			Melrose	Base rate	(T)	$1.85	(I)	$2.00	(I)	$3.00	
			Melrose	Emergencyln		$2.00		$2.00		$3.00	(N)
			Milnesand	All	(T)	$0.00		$2.00	(I)	$3.00	
			Texico	Base rate	(T)	$2.00	(I)	$2.00	(I)	$3.00	
			Texico	Emergencyln		$0.00		$2.00		$3.00	(N)

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17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
Rothsay Telephone Company, Inc.	MN	361474	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Royal Telephone Company	IA	351283	All	All	$2.00	(I)	$2.00		$3.00	
RT Communications, Inc.	WY	512251	All	All	$0.00		$2.00		$3.00	
Runestone Telephone Association d/b/a Runestone Telecom Association	MN	361423	All	All	$2.00	(I)	$2.00		$3.00	
Runestone Telephone Association d/b/a Runestone Telecom Association	MN	361475	All	All	$2.00	(I)	$2.00		$3.00	
Rural Telephone Company	ID	472233	All	All	$0.00		$2.00		$3.00	
Rural Telephone Company	NV	552233	All	All	$2.00	(I)	$2.00		$3.00	
Rural Telephone Service Company, Inc. d/b/a Nex-Tech	KS	411826	All	All	$2.00		$2.00		$3.00	
Rye Telephone Company, Inc.	CO	462203	Colorado City (T)	All	$2.00	(I)	$2.00	(I)	$3.00	
			Kim	All	$1.74		$2.00		$3.00	(N)
			Rye	All	$2.00		$2.00		$3.00	(N)
S & A Telephone Co., Inc.	KS	411829	All	All	$2.00	(I)	$2.00	(I)	$3.00	
S & T Telephone Cooperative Association	KS	411827	All	All	$2.00	(I)	$2.00		$3.00	
S & W Telephone Company, Inc.	IN	320816	All	All	$0.00		$2.00		$3.00	
Sac County Mutual Telephone Company	IA	351285	All	All	$2.00	(I)	$2.00	(I)	$3.00	
										(D)
Sacred Heart Telephone Company	MN	361476	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Sacred Wind Communications, Inc.	NM	493403	All	All	$2.00		$2.00		$3.00	
Saddleback Communications	AZ	457991	All	All	$2.00		$2.00		$3.00	
Salem Telephone Company	KY	260417	All	All	$2.00		$2.00		$3.00	
Salina-Spavinaw Tel. Co.	OK	432022	All	All	$2.00		$2.00		$3.00	
Saluda Mountain Telephone Company	NC	230498	All	All	$2.00	(I)	$2.00	(I)	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
San Carlos Apache Telecommunications Utility, Inc.	AZ	452169	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Sand Creek Telephone Company	MI	310725	All	All	$0.00		$2.00		$3.00	
Sandhill Telephone Cooperative, Inc.	SC	240546	All	All	$2.00	(I)	$2.00		$3.00	
Sandwich Isles Communications, Inc.	HI	623021	All	All	$2.00		$2.00		$3.00	
Santa Rosa Telephone Cooperative, Inc.	OK	432141	All	All	$2.00		$2.00		$3.00	
Santa Rosa Telephone Cooperative, Inc.	TX	442141	All	All	$2.00		$2.00		$3.00	
Santel Communications Cooperative, Inc.	SD	391676	Alpena (T)	All	$2.00	(I)	$2.00	(I)	$3.00	
			Artesian	All	$2.00		$2.00		$3.00	(N)
			Ethan	All	$2.00		$2.00		$3.00	
			Forestburg	All	$2.00		$2.00		$3.00	
			Letcher	All	$2.00		$2.00		$3.00	
			Mount Vernon	All	$2.00		$2.00		$3.00	
			Parkston	All	$2.00		$2.00		$3.00	
			Tripp	All	$2.00		$2.00		$3.00	
			Wolsey	All	$1.60		$2.00		$3.00	
			Woonsocket	All	$2.00		$2.00		$3.00	(N)
Scandinavia Telephone Company	WI	330945	All	All	$0.00		$2.00	(I)	$3.00	
Schaller Tel. Co.	IA	351291	All	All	$2.00	(I)	$2.00	(I)	$3.00	

Certain material formerly found on this page now appears on 1st Revised Page 170.1.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Scio Mutual Telephone Company	OR	532397	Scio	1	$0.00		$2.00	(I)	$3.00	(M)
			Scio	2	$0.00		$2.00		$3.00	
			Scio	3	$2.00	(I)	$2.00		$3.00	
			Scio	4	$2.00	(I)	$2.00		$3.00	
Scott County Telephone Company	AR	403031	All	All	$0.00		$2.00		$3.00	
Scott County Telephone Cooperative, Inc.	VA	190248	All	All	$2.00	(I)	$2.00		$3.00	
Scott Rice Telephone Company d/b/a Integra Telecom	MN	361479	All	All	$2.00		$2.00		$3.00	
Scranton Telephone Company	IA	351294	All	All	$2.00		$2.00		$3.00	
Searsboro Telephone Company	IA	351292	All	All	$2.00		$2.00		$3.00	
Service Telephone Company	NC	230500	All	All	$2.00		$2.00		$3.00	
Sharon Telephone Company	WI	330946	All	All	$2.00		$2.00		$3.00	
Sharon Telephone Company	IA	351293	All	All	$2.00		$2.00		$3.00	(M)
Shawnee Telephone Company	IL	341025	Cave-in-Rock	All	$2.00	(I)	$2.00		$3.00	
			Eddyville	All	$1.35		$2.00		$3.00	
			Elizabethtown	All	$2.00	(I)	$2.00		$3.00	
			Equality	All	$1.90		$2.00		$3.00	
			Hicks	All	$2.00		$2.00		$3.00	
			Leamington	All	$1.90	(I)	$2.00		$3.00	
			Renshaw	All	$1.35		$2.00		$3.00	
			Rosiclare	All	$2.00	(I)	$2.00		$3.00	
			Simpson	All	$1.35		$2.00		$3.00	
Shell Rock Communications, Inc.	IA	351295	All	All	$2.00	(I)	$2.00	(I)	$3.00	

Certain material currently found on this page previously appeared on 2nd Revised Page 17-170.

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC	
Shenandoah Telephone Company	VA	190250	All	All	$2.00	$2.00	$3.00	
Shenandoah Telephone Company – NR	VA	197251	All	All	$2.00	$2.00	$3.00	
Sherwood Mutual Telephone Association, Inc.	OH	300656	All	All	$2.00	$2.00	$3.00	
Shiawassee Telephone Company	MI	310726	All	All	$0.00	$2.00	$3.00	
Shidler Telephone Company	OK	432023	All	All	$2.00	$2.00	$3.00	
Shoreham Telephone LLC	VT	140064	All	All	$2.00	$2.00	$3.00	
Sierra Telephone Company, Inc.	CA	542338	All	All	$2.00	$2.00	$3.00	(D)
								(D)
Silver Star Telephone Company, Inc.	WY	512295	All	All	$0.00	$2.00	$3.00	
Siren Telephone Company, Inc.	WI	330949	All	All	$2.00	$2.00	$3.00	
Siskiyou Tel. Co.	CA	542339	All	All	$2.00	$2.00	$3.00	
Skyline Telecom	UT	502283	All	All	$2.00	$2.00	$3.00	
Skyline Telecom Company	WA	520581	Mt Hull	All	$2.00	$2.00	$3.00	
			Silverton	Granite Falls	$0.00	$2.00	$3.00	
Sledge Telephone Company, Inc.	MS	280466	All	All	$2.00	$2.00	$3.00	
Sleepy Eye Telephone Company	MN	361483	Goodhue	All	$2.00	$2.00	$3.00	
			Hanska	All	$2.00	$2.00	$3.00	
			Mazeppa	All	$0.00	$2.00	$3.00	
			Sleepy Eye	All	$2.00	$2.00	$3.00	
			White Rock	All	$2.00	$2.00	$3.00	
Smithville Telephone Company, Inc.	MS	280467	All	All	$2.00	$2.00	$3.00	
Sodtown Telephone Company	NE	371590	All	All	$2.00	$2.00	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
										(D)
Somerset Telephone Company, Inc.	WI	330951	All	All	$2.00	(I)	$2.00	(I)	$3.00	
South Arkansas Tel. Co., Inc.	AR	401702	All	All	$2.00		$2.00		$3.00	
South Canaan Telephone Company, Inc.	PA	170205	All	All	$2.00	(I)	$2.00	(I)	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
South Central Communications, Inc.	IA	351888	All	All	$2.00	(I)	$2.00	(I)	$3.00
South Central Telephone Association, Inc.	KS	411831	All	All	$2.00		$2.00		$3.00
South Central Telephone Association, Inc.	OK	431831	All	All	$2.00		$2.00		$3.00
South Central Utah Tel. Assn., Inc.	UT	502286	All	All	$2.00	(I)	$2.00		$3.00
South Park Telephone Company	CO	462195	All	All	$0.00		$2.00		$3.00
South Plains Tel. Coop., Inc.	TX	442143	All	All	$2.00	(I)	$2.00		$3.00
South Slope Coop. Tel., Inc.	IA	351298	All	All	$2.00		$2.00		$3.00
South Slope Cooperative Telephone Company (Swisher)	IA	351304	All	All	$2.00		$2.00		$3.00
Southeast Mississippi Telephone Co.	MS	283301	All	All	$2.00		$2.00		$3.00
Southeast Nebraska Communications, Inc.	NE	371591	All	All	$2.00		$2.00		$3.00
Southeast Telephone Company of Wisconsin	WI	330952	All	All	$2.00		$2.00		$3.00
Southeastern Indiana Rural Telephone Cooperative, Inc.	IN	320819	All	All	$2.00		$2.00		$3.00
Southern Kansas Telephone Co., Inc.	KS	411833	Atlanta	All	$2.00		$2.00		$3.00
			Beaumont	All	$2.00		$2.00		$3.00
			Burden	All	$2.00		$2.00		$3.00
			Cambridge	All	$2.00	(I)	$2.00		$3.00
			Clearwater	All	$0.00		$2.00		$3.00
			Clearwater N	All	$0.00		$2.00		$3.00
			Dexter	All	$2.00	(I)	$2.00		$3.00
			Elk Falls	All	$2.00		$2.00		$3.00
			Grenola	All	$2.00		$2.00		$3.00
			Latham	All	$2.00		$2.00		$3.00
			Longton	All	$2.00		$2.00		$3.00
			Piedmont	All	$2.00		$2.00		$3.00
			Reece	All	$2.00		$2.00		$3.00
			Rosalia	All	$2.00	(I)	$2.00	(I)	$3.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
Southern Montana Telephone Company	MT	482254	All	All	$2.00		$2.00		$3.00	
Southwest Arkansas Telephone Cooperative, Inc.	AR	401724	All	All	$2.00		$2.00		$3.00	
Southwest Oklahoma Telephone Company	OK	432025	All	All	$2.00		$2.00		$3.00	
Southwest Telephone Exchange, Inc.	IA	351301	All	All	$2.00		$2.00		$3.00	
Southwest Texas Telephone Company	TX	442135	All	All	$1.41	(I)	$1.41	(I)	$2.41	(I)
Spring Grove Communications	MN	361485	All	All	$2.00		$2.00		$3.00	
Spring Valley Telephone Company, Inc.	WI	330953	All	All	$2.00		$2.00		$3.00	
Springport Telephone Company	MI	310728	All	All	$0.00		$2.00		$3.00	
Springville Coop. Tel. Assn., Inc.	IA	351302	All	All	$2.00		$2.00		$3.00	
Spruce Knob Seneca Rocks Telephone Company	WV	200257	All	All	$2.00		$2.00		$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
SRT Communications, Inc.	ND	383303	Antler	All	$1.01	(R)	$2.00	(I)	$3.00
			Berthold	All	$1.01	(R)	$2.00		$3.00
			Butte	All	$1.51	(I)	$2.00		$3.00
			Carpio	All	$1.01	(R)	$2.00		$3.00
			Deering	All	$1.51	(I)	$2.00		$3.00
			Des Lacs	All	$1.01	(R)	$2.00		$3.00
			Donnybrook	All	$1.01		$2.00		$3.00
			Glenburn	All	$1.01	(R)	$2.00		$3.00
			Karlsruhe	All	$1.51	(I)	$2.00		$3.00
			Landa	All	$1.01	(R)	$2.00		$3.00
			Lansford	All	$1.01	(R)	$2.00		$3.00
			Martin	All	$1.51	(I)	$2.00		$3.00
			Maxbass	All	$1.01	(R)	$2.00		$3.00
			Metigoshe	All	$1.01	(R)	$2.00		$3.00
			Minot	All	$2.00	(I)	$2.00		$3.00
			Minot AFB	All	$1.51	(I)	$2.00		$3.00
			Mohall	All	$1.01	(R)	$2.00		$3.00
			Newburg	All	$1.01		$2.00		$3.00
			Sawyer	All	$1.01		$2.00		$3.00
			Sherwood	All	$1.01		$2.00		$3.00
			South Prairie	All	$1.01		$2.00		$3.00
			Tolley	All	$1.01	(R)	$2.00		$3.00
			Towner	All	$1.51	(I)	$2.00		$3.00
			Upham	All	$1.51		$2.00		$3.00
			Velva	All	$1.51	(I)	$2.00		$3.00
			Westhope	All	$1.01	(R)	$2.00	(I)	$3.00

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
St. John Telephone, Inc.	WA	522442	All	All	$2.00	(I)	$2.00	(I)	$3.00	
St. Paul Cooperative Telephone Association	OR	532396	All	All	$2.00		$2.00		$3.00	
St. Stephen Telephone Company	SC	240544	All	All	$2.00		$2.00		$3.00	
Stanton Telecom Inc.	NE	371592	All	All	$2.00		$2.00		$3.00	
Star Tel. Membership Corp.	NC	230502	All	All	$2.00		$2.00		$3.00	
Star Telephone Company, Inc.	LA	270441	Cheneyville (T)	All	$1.92	(I)	$2.00	(I)	$3.00	
			Innis	All	$1.93		$2.00		$3.00	(N)
			Livonia	All	$1.93		$2.00		$3.00	
			Maringouin	All	$1.85		$2.00		$3.00	
			Rosedale	All	$1.85		$2.00		$3.00	(N)
Starbuck Telephone Company	MN	361487	All	All	$2.00	(I)	$2.00	(I)	$3.00	
State Long Distance Telephone Company, LLC	WI	330955	All	All	$2.00		$2.00		$3.00	
State Telephone Company	NY	150125	All	All	$1.42		$1.42		$2.83	(I)
Stayton Coop. Telephone Company	OR	532399	All	All	$2.00		$2.00		$3.00	
Steelville Telephone Exchange, Inc.	MO	421949	All	All	$2.00		$2.00		$3.00	
Stelle Telephone Company	IL	341092	All	All	$2.00	(I)	$2.00	(I)	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
Stoneham Cooperative Telephone Company	CO	462206	All	All	$2.00	$2.00	$3.00
Stoutland Telephone Company	MO	421951	All	All	$2.00	$2.00	$3.00
Stratford Mutual Telephone Company	IA	351305	All	All	$2.00	$2.00	$3.00
Sugar Valley Telephone Company	PA	170206	All	All	$0.42	$2.00	$3.00
Sully Telephone Association	IA	351306	All	All	$2.00	$2.00	$3.00
Summit Telephone and Telegraph of Alaska	AK	613028	All	All	$0.00	$2.00	$3.00
Sunflower Telephone Company, Inc.	KS	411835	All	All	$0.19	$0.19	$0.39
Sunflower Telephone Company, Inc.	CO	461835	All	All	$2.00	$2.00	$3.00
Sunman Telecommunications Corporation	IN	320825	All	All	$2.00	$2.00	$3.00
Superior Telephone Cooperative	IA	351307	All	All	$2.00	$2.00	$3.00
Surry Telephone Membership Corporation	NC	230497	All	All	$2.00	$2.00	$3.00
Surry Telephone Membership Corporation	NC	230503	All	All	$2.00	$2.00	$3.00
Swayzee Telephone Company, Inc.	IN	320826	All	All	$2.00	$2.00	$3.00
Sweetser Rural Telephone Company, Inc.	IN	320827	All	All	$2.00	$2.00	$3.00
Sycamore Telephone Company	OH	300658	All	All	$2.00	$2.00	$3.00

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
Table Top Telephone Company, Inc.	AZ	453334	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Taconic Telephone Corp.	NY	150084	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Tatum Telephone Company	TX	442150	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Taylor Telephone Cooperative, Inc.	TX	442151	All	All	$0.37		$0.37		$0.74	(I)
TeleGuam Holdings, LLC	GU	663800	All	All	$1.87		$1.87		$3.00	(I)
Telephone Service Company	OH	300659	All	All	$2.00		$2.00		$3.00	
Templeton Telephone Company	IA	351308	All	All	$2.00		$2.00		$3.00	
Tenino Telephone Company	WA	522446	All	All	$2.00	(I)	$2.00		$3.00	
Tenney Telephone Company	WI	330958	All	All	$0.00		$2.00		$3.00	
Terral Telephone Company	OK	432029	All	All	$2.00	(I)	$2.00		$3.00	
Terril Telephone Cooperative	IA	351309	All	All	$1.50		$2.00	(I)	$3.00	

Certain material formerly found on this page now appears on Original Page 17-176.1.

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ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
Thacker/Grigsby Telephone Company	KY	260419	All	All	$2.00	(I)	$2.00	(I)	$3.00	(M)
The Blair Telephone Company	NE	371524	All	All	$0.00		$2.00		$3.00	
The Champaign Telephone Company	OH	300594	All	All	$2.00	(I)	$2.00		$3.00	
The Citizens Telephone Company of Kecksburg	PA	170156	All	All	$2.00	(I)	$2.00	(I)	$3.00	
										(D)
The North-Eastern Pennsylvania Telephone Company	PA	170191	All	All	$2.00	(I)	$2.00	(I)	$3.00	
Three River Telco	NE	371525	All	All	$2.00	(I)	$2.00	(I)	$3.00	(M)

(N)

Certain material currently found on this page previously appeared on 4th Revised Page 17-176.

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
Tidewater Telecom, Inc.	ME	100003	All	All	$2.00	$2.00	$3.00
Titonka Telephone Company d/b/a Titonka-Burt Communications	IA	351114	All	All	$2.00	$2.00	$3.00
Titonka Telephone Company d/b/a Titonka-Burt Communications	IA	351310	All	All	$2.00	$2.00	$3.00
Tohono O'Odham Utility Authority	AZ	452173	All	All	$2.00	$2.00	$3.00
Toledo Tel. Co., Inc.	WA	522447	All	All	$2.00	$2.00	$3.00
Tonica Telephone Company	IL	341086	All	All	$2.00	$2.00	$3.00
Topsham Tel. Co.	VT	140068	All	All	$2.00	$2.00	$3.00
Totah Communications, Inc.	KS	412030	All	All	$2.00	$2.00	$3.00
Totah Communications, Inc.	OK	432030	All	All	$2.00	$2.00	$3.00
Totelcom Communications, LLC	TX	442060	All	All	$2.00	$2.00	$3.00
Township Telephone Company, Inc.	NY	150129	Cape Vincent	All	$2.00	$2.00	$3.00
			Chaumont	Base rate	$2.00	$2.00	$3.00
			Chaumont	Locality A	$2.00	$2.00	$3.00
			Chaumont	Locality B	$1.40	$2.00	$3.00
			Dexter	Base rate	$2.00	$2.00	$3.00
			Dexter	Locality A	$2.00	$2.00	$3.00
			Dexter	Locality B	$1.40	$2.00	$3.00
Trans-Cascades Telephone Company	OR	532378	All	All	$0.00	$2.00	$3.00
Trenton Telephone Company	GA	220389	All	All	$1.60	$2.00	$3.00

Certain material formerly found on this page now appears on Original Page 17-177.2.1.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
Triangle Telephone Cooperative Association, Inc.	MT	482257	Big Sandy	All	$0.54	$2.00	$3.00
			Big Timber	All	$2.00	$2.00	$3.00
			Box Elder	All	$0.75	$2.00	$3.00
			Broadview	All	$0.54	$2.00	$3.00
			Chester	All	$0.84	$2.00	$3.00
			Chinook	All	$0.63	$2.00	$3.00
			Gildford	All	$0.51	$2.00	$3.00
			Hays	All	$0.76	$2.00	$3.00
			Hingham	All	$0.41	$2.00	$3.00
			Hopp Lliad	All	$0.00	$2.00	$3.00

Certain material formerly found on this page now appears on Original Page 17-177.2.1.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	SLB ARC	MLB ARC	
Triangle Telephone Cooperative Association, Inc. (Cont'd)	MT	482257	Joplin	All	$0.25	$2.00	$3.00	
			Kremlin	All	$0.20	$2.00	$3.00	
			Loma	All	$0.02	$2.00	$3.00	
			Melville	All	$2.00	$2.00	$3.00	
			Molt	All	$0.62	$2.00	$3.00	
			North Havre	All	$0.00	$2.00	$3.00	
			Rapelje	All	$0.24	$2.00	$3.00	
			Reedpoint	All	$0.59	$2.00	$3.00	
			Rudyard	All	$0.30	$2.00	$3.00	
			Simpson	All	$0.03	$2.00	$3.00	
			South Chester	All	$0.00	$2.00	$3.00	
			South Havre	All	$0.73	$2.00	$3.00	
			South Malta	All	$0.00	$2.00	$3.00	
			Turner	All	$0.11	$2.00	$3.00	
			Whitewater	All	$0.21	$2.00	$3.00	
			Winifred	All	$0.23	$2.00	$3.00	
Triangle Telephone Cooperative Association, Inc. - CMC	MT	483310	Denton	All	$0.86	$2.00	$3.00	(T)(M) (T)
			Dodson	All	$0.72	$2.00	$3.00	
			Fort Benton	All	$0.89	$2.00	$3.00	
			Geraldine	All	$0.71	$2.00	$3.00	
			Harlem	All	$0.78	$2.00	$3.00	
			Harlowton	All	$2.00	$2.00	$3.00	
			Hobson	All	$0.78	$2.00	$3.00	
			Judith Gap	All	$0.87	$2.00	$3.00	
			Malta	All	$0.91	$2.00	$3.00	
			Martinsdale	All	$2.00	$2.00	$3.00	
			Moore	All	$0.55	$2.00	$3.00	
			Stanford	All	$0.74	$2.00	$3.00	
			White Sulphur Spring	All	$2.00	$2.00	$3.00	(M)

Certain material currently found on this page previously appeared on 5th Revised Page 17-129.

Certain material formerly found on this page now appears on Original Page 17-177.2.1. (S)(x)

(x) All material coded with an "S" was originally filed under Transmittal No. 1472 on December 17, 2015 and became effective on January 1, 2016.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC	
Tri-County Communications Cooperative, Inc.	WI	330960	All	All	$2.00	$2.00	$3.00	(M)
Tri-County Telephone Association, Inc.	KS	411839	All	All	$2.00	$2.00	$3.00	
Tri-County Telephone Company, Inc.	AR	401726	Alpena	All	$2.00	$2.00	$3.00	
			Compton	All	$2.00	$2.00	$3.00	
			Deer	All	$2.00	$2.00	$3.00	
			Jasper	All	$2.00	$2.00	$3.00	
			Lurton	All	$2.00	$2.00	$3.00	
			Mt. Judea	All	$2.00	$2.00	$3.00	
			Osage	All	$2.00	$2.00	$3.00	
			Ponca	All	$2.00	$2.00	$3.00	
			St. Joe	All	$1.22	$2.00	$3.00	
			Western Grove	All	$2.00	$2.00	$3.00	
Tri-County Telephone Membership Corp.	NC	230505	All	All	$2.00	$2.00	$3.00	
Triotel Communications, Inc. – McCook	SD	391669	All	All	$2.00	$2.00	$3.00	
Triotel Communications, Inc. – Tri-County	SD	391682	All	All	$2.00	$2.00	$3.00	(M)

Certain material currently found on this page previously appeared on 3rd Revised Page 17-177, 1st Revised Page 17-177.1 and 1st Revised Page 17-177.2.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
Trumansburg Telephone Company, Inc.	NY	150131	All	All	$0.15	$2.00	$3.00
Tularosa Basin Telephone Company, Inc.	NM	492265	All	All	$2.00	$2.00	$3.00
Turtle Mountain Communications, Inc.	ND	381636	Bisbee	All	$1.96	$2.00	$3.00
			Bottineau	All	$1.96	$2.00	$3.00
			Dunseith	All	$1.96	$2.00	$3.00
			Kramer	All	$1.96	$2.00	$3.00
			Langdon	All	$2.00	$2.00	$3.00
			Milton	All	$2.00	$2.00	$3.00
			Munich	All	$2.00	$2.00	$3.00
			Rock Lake	All	$1.96	$2.00	$3.00
			Rolette	All	$1.96	$2.00	$3.00
			Rolla	All	$2.00	$2.00	$3.00
			Sarles	All	$1.96	$2.00	$3.00
			Souris	All	$1.96	$2.00	$3.00
			Wales	All	$2.00	$2.00	$3.00
			Walhalla	All	$2.00	$2.00	$3.00
			Willow City	All	$1.96	$2.00	$3.00
Twin Lakes Telephone Cooperative Corp.	TN	290579	All	All	$2.00	$2.00	$3.00
Twin Valley Telephone, Inc.	KS	411840	All	All	$2.00	$2.00	$3.00
Twin Valley-Ulen Telephone Company, Inc.	MN	361491	All	All	$2.00	$2.00	$3.00

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	(N)
UBTA-UBET Communications, Inc. d/b/a Strata Networks	UT	502287	Altamont	All	$0.22		$2.00	(I)	$3.00	(M)
			Duchesne	All	$2.00	(I)	$2.00		$3.00	
			Flat Top	All	$0.22		$2.00		$3.00	
			Fruitland	All	$0.22		$2.00		$3.00	
			LaPoint	All	$0.22		$2.00		$3.00	
			Neola	All	$0.22		$2.00		$3.00	
			Randlett	All	$0.22		$2.00		$3.00	
			Roosevelt	All	$2.00	(I)	$2.00		$3.00	
			Tabiona	All	$0.22		$2.00		$3.00	
			Vernal	All	$2.00	(I)	$2.00		$3.00	
Union River Telephone Company	ME	100027	All	All	$2.00	(I)	$2.00		$3.00	
Union Springs Telephone Company, Inc.	AL	250322	Fort Davis	All	$0.32		$2.00		$3.00	
			Midway	All	$2.00	(I)	$2.00		$3.00	
			Perote	All	$2.00		$2.00		$3.00	
			Union Springs	All	$2.00	(I)	$2.00	(I)	$3.00	(M)

Certain material currently found on this page previously appeared on 3rd Revised Page 17-178.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
										(D)
Union Telephone Company	WI	330962	All	All	$2.00	(I)	$2.00	(I)	$3.00	
United Farmers Telephone Company	IA	351316	All	All	$2.00		$2.00		$3.00	
United Telephone Association, Inc.	KS	411841	Ashland (T)	All	$2.00	(I)	$2.00	(I)	$3.00	
			Cimmarron	Kalvesta	$2.00		$2.00		$3.00	(N)
			Copeland	All	$2.00		$2.00		$3.00	
			Englewood	All	$2.00		$2.00		$3.00	
			Ensign	All	$2.00		$2.00		$3.00	
			Ford	Kingsdown	$2.00		$2.00		$3.00	
			Hanston	All	$2.00		$2.00		$3.00	
			Ingalls	Pierceville	$2.00		$2.00		$3.00	
			Montezuma	All	$2.00		$2.00		$3.00	
			South Englewood	All	$1.65		$2.00		$3.00	
			Spearville	All	$2.00		$2.00		$3.00	(N)

Certain material formerly found on this page now appears on Original Page 17-179.1 and Original Page 17-179.2.

ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC	
United Telephone Company d/b/a United Communications	TN	290581	All	All	$2.00	(I)	$2.00	(I)	$3.00	(M)
United Telephone Mutual Aid Corp.	ND	381636	Bisbee (T)	All	$1.96	(I)	$2.00	(I)	$3.00	(M)
			Bottineau	All	$1.96		$2.00		$3.00	(N)
			Dunseith	All	$1.96		$2.00		$3.00	
			Kramer	All	$1.96		$2.00		$3.00	
			Langdon	All	$2.00		$2.00		$3.00	
			Milton	All	$2.00		$2.00		$3.00	
			Munich	All	$2.00		$2.00		$3.00	
			Rock Lake	All	$1.96		$2.00		$3.00	
			Rolette	All	$1.96		$2.00		$3.00	
			Rolla	All	$2.00		$2.00		$3.00	
			Sarles	All	$1.96		$2.00		$3.00	
			Souris	All	$1.96		$2.00		$3.00	
			Wales	All	$2.00		$2.00		$3.00	
			Walhalla	All	$2.00		$2.00		$3.00	
			Willow City	All	$1.96		$2.00		$3.00	(N)

Certain material currently found on this page previously appeared on 4th Revised Page 17-179.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
Unitel, Inc.	ME	100029	All	All	$2.00	$2.00	$3.00
Upper Peninsula Telephone Company	MI	310732	All	All	$0.00	$2.00	$3.00
Upsala Cooperative Telephone Association	MN	361494	All	All	$1.19	$2.00	$3.00
Valley Telecomm Coop. Assn., Inc.	SD	391685	All	All	$2.00	$2.00	$3.00
Valley Telephone Co., LLC	GA	220324	All	All	$2.00	$2.00	$3.00
Valley Telephone Company	MN	361495	All	All	$2.00	$2.00	$3.00
Valley Telephone Cooperative, Inc.	TX	442159	All	All	$1.11	$1.11	$2.22
Valley Telephone Cooperative, Inc.	AZ	452176	All	All	$2.00	$2.00	$3.00
Valley Telephone Cooperative, Inc.	NM	492176	All	All	$2.00	$2.00	$3.00
Valliant Telephone Company	OK	432032	All	All	$2.00	$2.00	$3.00

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		SLB ARC		MLB ARC
Van Buren Telephone Company, Inc.	IA	351319	All	All	$2.00	(I)	$2.00	(I)	$3.00
Van Horne Cooperative Telephone Company	IA	351320	All	All	$2.00		$2.00		$3.00
Vanlue Telephone Company	OH	300662	All	All	$2.00		$2.00		$3.00
Vaughnsville Telephone Company	OH	300663	All	All	$2.00		$2.00		$3.00
Ventura Telephone Company, Inc.	IA	351322	All	All	$2.00		$2.00		$3.00
Venture Communications Cooperative	SD	391680	All	All	$2.00		$2.00		$3.00
Venture Communications Cooperative	SD	391688	All	All	$2.00		$2.00		$3.00
Venus Telephone Corporation	PA	170210	All	All	$2.00		$2.00		$3.00
Vermont Telephone Co., Inc.	VT	147332	All (T)	All	$2.00	(I)	$2.00	(I)	$3.00

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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
Vernon Communications Cooperative	WI	330966	All	All	$2.00	$2.00	$3.00
Vernon Telephone Company, Inc.	NY	150133	All	All	$2.00	$2.00	$3.00
Villisca Farmers Telephone Company	IA	351324	All	All	$2.00	$2.00	$3.00
Viola Home Telephone Company	IL	341087	All	All	$1.28	$2.00	$3.00
Volcano Tel. Co.	CA	542343	Kirkwood	All	$2.00	$2.00	$3.00
			Pioneer	All	$2.00	$2.00	$3.00
			Volcano	All	$2.00	$2.00	$3.00
			West Point	All	$1.25	$2.00	$3.00
Wabash Mutual Telephone Company	OH	300664	All	All	$2.00	$2.00	$3.00
Wabash Telephone Cooperative, Inc.	IL	341088	Bible Grove	All	$0.65	$2.00	$3.00
			Browns	All	$0.90	$2.00	$3.00
			Cisne	All	$1.40	$2.00	$3.00
			Crisp	All	$1.40	$2.00	$3.00
			Geff	All	$1.40	$2.00	$3.00
			Mt. Erie	All	$1.40	$2.00	$3.00
			Orchardville	All	$1.40	$2.00	$3.00
			Xenia	All	$1.15	$2.00	$3.00
			Louisville	All	$1.15	$2.00	$3.00
Waitsfield-Fayston Telephone Co., Inc.	VT	140069	All	All	$2.00	$2.00	$3.00
Waldron Telephone Company	MI	310734	Waldron	Hillsdale	$0.37	$2.00	$3.00
			Waldron	Lenawee	$1.53	$2.00	$3.00
Walnut Hill Telephone Company	AR	401729	All	All	$2.00	$2.00	$3.00
Walnut Telephone Company	IA	351326	All	All	$1.00	$2.00	$3.00
Wamego Telephone Company	KS	411845	All	All	$2.00	$2.00	$3.00

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
War Telephone LLC	WV	200258	War	Plan A	$2.00	$2.00	$3.00
			War	Plan B	$1.47	$2.00	$3.00
			War	Plan C	$0.00	$2.00	$3.00
			War	Plan D	$0.00	$2.00	$3.00
Warren Telephone Company	ME	100031	All	All	$2.00	$2.00	$3.00
Washington County Rural Tel. Coop., Inc.	IN	320834	All	All	$0.16	$2.00	$3.00
Wauneta Telephone Company	NE	371597	All	All	$1.12	$2.00	$3.00
Waverly Hall Telephone, L.L.C.	GA	220392	All	All	$2.00	$2.00	$3.00
Webb-Dickens Telephone Corporation	IA	351327	All	All	$2.00	$2.00	$3.00
Webster-Calhoun Coop. Tel. Assn.	IA	351328	All	All	$2.00	$2.00	$3.00
Wellman Cooperative Telephone Association	IA	351329	All	All	$2.00	$2.00	$3.00
West Carolina Rural Telephone Cooperative, Inc.	SC	240550	All	All	$2.00	$2.00	$3.00
West Central Telephone Association	MN	361501	All	All	$2.00	$2.00	$3.00

Certain material formerly found on this page now appears on 6th Revised Page 17-182.

Director - Access Tariffs
80 So. Jefferson Road, Whippany, NJ 07981

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
West Iowa Telephone Company d/b/a WesTel Systems	IA	351331	All	All	$2.00	(I)	$2.00	(I)	$3.00	
West Kentucky Rural Telephone Cooperative Corporation, Inc.	KY	260421	All	All	$2.00		$2.00		$3.00	
West Kentucky Rural Telephone Cooperative Corporation, Inc.	TN	290598	All	All	$2.00		$2.00		$3.00	
West Liberty Telephone Company	IA	351332	West Liberty (T)	Rural (T)	$1.55	(I)	$2.00	(I)	$3.00	
			West Liberty Town		$2.00		$2.00		$3.00	(N)
West Penobscot Telephone & Telegraph Company	ME	100034	All	All	$2.00	(I)	$2.00	(I)	$3.00	
West Plains Telecommunications, Inc.	TX	442071	All	All	$0.50	(I)	$0.50		$1.00	(I)
West Point Telephone Company, Inc.	IN	320837	All	All	$0.00		$2.00		$3.00	
West River Cooperative Telephone Company	SD	391689	All	All	$2.00	(I)	$2.00		$3.00	
West River Telecommunications Cooperative	ND	381637	All	All	$2.00		$2.00		$3.00	
West River Telecommunications Cooperative (Mobridge)	SD	391671	All	All	$2.00	(I)	$2.00	(I)	$3.00	

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	SLB ARC	MLB ARC	
West Side Telephone Company	PA	170277	Core	Plan 1	$2.00	$2.00	$3.00	
			Core	Plan 2	$2.00	$2.00	$3.00	
			Core	Plan 3	$2.00	$2.00	$3.00	
			Core	Plan 4	$0.00	$2.00	$3.00	
West Side Telephone Company	WV	200277	Core	Plan 1	$2.00	$2.00	$3.00	
			Core	Plan 2	$2.00	$2.00	$3.00	
			Core	Plan 3	$2.00	$2.00	$3.00	
			Core	Plan 4	$0.00	$2.00	$3.00	
			Daybrook	Plan 1	$2.00	$2.00	$3.00	
			Daybrook	Plan 2	$2.00	$2.00	$3.00	
			Daybrook	Plan 3	$2.00	$2.00	$3.00	
			Daybrook	Plan 4	$0.00	$2.00	$3.00	
			Laurel Point	Plan 1	$2.00	$2.00	$3.00	
			Laurel Point	Plan 2	$2.00	$2.00	$3.00	
			Laurel Point	Plan 3	$2.00	$2.00	$3.00	
			Laurel Point	Plan 4	$0.00	$2.00	$3.00	
West Tennessee Tel. Co., Inc.	TN	290583	All	All	$2.00	$2.00	$3.00	
West Texas Rural Tel. Coop., Inc.	TX	442166	All	All	$2.00	$2.00	$3.00	
West Wisconsin Telcom Coop., Inc.	WI	330971	All	All	$2.00	$2.00	$3.00	
Western Iowa Telephone Association	IA	351334	All	All	$2.00	$2.00	$3.00	
Western New Mexico Telephone Company, Inc.	NM	492268	All	All	$2.00	$2.00	$3.00	
Western Telephone Company	MN	361502	All	All	$2.00	$2.00	$3.00	
Western Wahkiakum County Telephone Company	WA	522451	All	All	$2.00	$2.00	$3.00	
Wes-Tex Telephone Cooperative, Inc.	TX	442168	All	All	$2.00	$2.00	$3.00	(M) (M)

Certain material currently found on this page previously appeared on 8th Revised Page 17-181.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
Westgate Communications LLC d/b/a WeavTel	WA	520580	All	All	$0.00		$2.00	(I)	$3.00	
Westphalia Telephone Company	MI	310735	All	All	$0.00		$2.00		$3.00	
Westside Independent Telephone Company	IA	351335	All	All	$2.00	(I)	$2.00		$3.00	
Wheat State Telephone Company	KS	411847	All	All	$2.00		$2.00		$3.00	
Whidbey Telephone Company	WA	522452	All	All	$2.00		$2.00		$3.00	
Wiggins Telephone Association	CO	462209	All	All	$2.00		$2.00		$3.00	
Wikstrom Telephone Company, Inc.	MN	361505	Badger (T)	All	$2.00	(I)	$2.00	(I)	$3.00	
			Donaldson	All	$2.00		$2.00		$3.00	(N)
			Greenbush	All	$2.00		$2.00		$3.00	
			Halma	All	$2.00		$2.00		$3.00	
			Holt	All	$2.00		$2.00		$3.00	
			Karlstad	All	$2.00		$2.00		$3.00	
			Lake Bronson	All	$2.00		$2.00		$3.00	
			Lancaster	All	$2.00		$2.00		$3.00	
			Malung	All	$2.00		$2.00		$3.00	
			Middle River	All	$1.71		$2.00		$3.00	
			Newfolden	All	$2.00		$2.00		$3.00	
			Northwest Angle	All	$2.00		$2.00		$3.00	
			Roosevelt	All	$2.00		$2.00		$3.00	
			Strandquist	All	$2.00		$2.00		$3.00	
			Strathcona	All	$2.00		$2.00		$3.00	
			Viking	All	$2.00		$2.00		$3.00	
			Wannaska	All	$2.00		$2.00		$3.00	
			Williams	All	$2.00		$2.00		$3.00	(N)

Certain material formerly found on this page now appears on Original Page 17-183.1.

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ACCESS SERVICE (N)

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC	
Wilderness Valley Telephone Company, Inc.	MN	361348	All	All	$2.00	(I)	$2.00	(I)	$3.00	(M)
Wilkes Telephone & Electric Company, Inc.	GA	220394	All	All	$2.00		$2.00		$3.00	
Wilkes Telephone Membership Corp.	NC	230510	All	All	$2.00		$2.00		$3.00	
Willard Telephone Company	CO	462210	All	All	$2.00	(I)	$2.00	(I)	$3.00	
										(D)
Wilson Tel. Co., Inc.	KS	411849	All	All	$2.00	(I)	$2.00	(I)	$3.00	
										(D)
Wilton Telephone Company	IA	351336	All	All	$2.00	(I)	$2.00	(I)	$3.00	(M)

(N)

Certain material currently found on this page previously appeared on 3rd Revised Page 17-183.

Director - Access Tariffs
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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC		Monthly Rate SLB ARC		Monthly Rate MLB ARC
Winn Telephone Company	MI	310737	All	All	$0.53	(I)	$2.00	(I)	$3.00
Winnebago Cooperative Telecom Association	IA	351337	All	All	$2.00		$2.00		$3.00
Winnebago Cooperative Telecom Association	MN	361337	All	All	$2.00	(I)	$2.00		$3.00
Winsted Tel. Co.	MN	361507	Winsted	Flat Rate (T)	$0.00		$2.00		$3.00
			Winsted	(Zone) OMEAS	$1.50	(I)	$2.00		$3.00
			Winsted (Zone)(T)	Flat (T)	$0.00		$2.00		$3.00
			Winsted	OMEAS	$1.50	(I)	$2.00		$3.00
Winterhaven Telephone Company	CA	542323	All	All	$2.00		$2.00		$3.00
Winthrop Telephone Company	MN	361508	All	All	$2.00		$2.00		$3.00
Wittenberg Telephone Company	WI	330973	All	All	$2.00	(I)	$2.00		$3.00
Wolverine Telephone Company	MI	310738	All	All	$0.00		$2.00		$3.00
Wolverton Telephone Company	MN	361512	All	All	$2.00	(I)	$2.00		$3.00
Wolverton Telephone Company	ND	381509	Christine	All	$2.00	(I)	$2.00		$3.00
			Walcott	All	$0.46		$2.00		$3.00
Wood County Telephone Company.	WI	330974	All	All	$0.00	(R)	$2.00		$3.00
Woodhull Telephone Company	IL	341091	All	All	$1.78	(I)	$2.00		$3.00
Woodstock Telephone Company	MN	361510	All	All	$2.00		$2.00		$3.00
Woolstock Mutual Telephone Association	IA	351342	All	All	$2.00		$2.00		$3.00
Wyandotte Tel. Co.	OK	432034	All	All	$2.00		$2.00		$3.00
Wyoming Mutual Telephone Company	IA	351343	All	All	$2.00	(I)	$2.00	(I)	$3.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.8 Access Recovery Charge (Cont'd)

Company Name	State	Study Area Number	Exchange	Rate Zone	Monthly Rate RES ARC	Monthly Rate SLB ARC	Monthly Rate MLB ARC
XIT Rural Telephone Cooperative, Inc.	TX	442170	All	All	$2.00	$2.00	$3.00
YCOM Networks, Inc.	WA	522453	All	All	$2.00	$2.00	$3.00
Yelcot Telephone Company	AR	401733	All	All	$2.00	$2.00	$3.00
Yeoman Telephone Company, Inc.	IN	320839	All	All	$0.00	$2.00	$3.00
Yukon Telephone Company, Inc.	AK	613025	All	All	$0.00	$2.00	$3.00
Yukon-Waltz Telephone Company	PA	170215	All	All	$2.00	$2.00	$3.00
Zenda Telephone Company, Inc.	KS	411852	All	All	$2.00	$2.00	$3.00
Zumbrota Telephone Company	MN	361515	All	All	$2.00	$2.00	$3.00

(x) Certain material on this page has been rearranged to display the listing of companies alphabetically.