

ACCESS SERVICE

This tariff cancels
THE BELL ATLANTIC TELEPHONE COMPANIES
Tariff F.C.C. No. 1
in its entirety.

Regulations, Rates and Charges
applying to the provision of Access Services
within a Local Access and Transport Area (LATA)
for connection to interstate
communications and for interstate intraLATA facilities for customers
within the operating territory of

THE VERIZON TELEPHONE COMPANIES

in the states of

	<u>Company Code</u>
Pennsylvania	5000
Delaware	5010
Maryland	5030
Virginia	5040
New Jersey	5120
Washington	5020

(D)

in the District of Columbia

and for services in the interstate corridors
between specific Pennsylvania and New Jersey points
and New Jersey and New York points
as provided herein

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

(X) The title and address of the issuing officer applies to this tariff in
its entirety.

(This page filed under Transmittal No. 1094)

Issued: June 16, 2010

Effective: July 1, 2010

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

ISSUING CARRIERS

Verizon Pennsylvania LLC (T)
1717 Arch Street
Philadelphia, PA 19102
For the State of:
Pennsylvania

Verizon Washington, D.C. Inc.
2055 L Street, N.W.
Washington, DC 20036
For the:
District of Columbia

Verizon Maryland LLC (T)
1 East Pratt Street
Baltimore, MD 21202
For the State of:
Maryland

Verizon Virginia LLC
703 East Grace Street
Richmond, VA 23219
For the State of:
Virginia

Verizon Delaware LLC
1717 Arch Street
Philadelphia, PA 19102
For the State of:
Delaware

Verizon New Jersey Inc.
540 Broad Street
Newark, NJ 07101
For the State of:
New Jersey

The original effective date for The Verizon Telephone Companies Tariff F.C.C.
No. 1 is April 28, 2001.

(Issued under Transmittal No. 1240)

Issued: May 24, 2013

Effective: June 8, 2013

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE CHECK SHEET

Title Pages 1 and 2 and Pages 1 to 25-126 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement Nos. 13, 14, 15, 16, 17, 19, 20, 28, 29, and 31 contain all changes from the original tariff that are in effect on the date hereof.

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		29	14th	2-15.1	3rd
1	592nd*	30	2nd	2-15.2	4th
1.1	27th	31	6th	2-16	5th
1.2	13th	32	3rd	2-16.1	5th
2	177th	33	7th	2-17	5th
3	17th	34	4th	2-18	4th
4	23rd	35	10th	2-19	5th
5	59th	36	5th	2-20	5th
6	60th	37	15th	2-21	5th
7	85th*	37.1	32nd	2-22	4th
8	58th	37.1.1	26th	2-22.1	4th
8.1	32nd	37.1.2	6th	2-23	3rd
9	91st	37.2	7th	2-23.1	1st
9.1	35th	37.3	Original	2-23.2	1st
9.2	5th	38	3rd	2-24	1st
10	47th	39	8th	2-25	2nd
11	33rd	40	11th	2-26	6th
11.1	1st	41	10th	2-26.1	2nd
12	12th	42	6th	2-26.2	2nd
12.1	11th	43	10th	2-26.3	2nd
13	45th*	43.1	Original	2-27	4th
13.1	1st	44	3rd	2-27.1	3rd
14	57th	45	2nd	2-28	2nd
14.1	20th	45.1	1st	2-29	4th
15	49th	45.2	1st	2-29.1	1st
16	37th	46	12th	2-30	4th
16.1	38th	46.1	1st	2-31	4th
16.2	27th	47	5th	2-32	2nd
16.2.1	12th	47.1	3rd	2-33	1st
16.2.2	6th	47.2	2nd	2-34	3rd
16.2.3	10th			2-34.1	1st
16.2.4	8th	1-1	6th	2-35	1st
16.2.5	7th			2-36	1st
16.3	22nd	2-1	Original	2-37	4th
16.4	31st	2-2	Original	2-38	2nd
16.5	4th	2-3	1st	2-39	3rd
17	1st	2-4	Original	2-40	1st
18	9th	2-5	1st	2-40.1	3rd
19	3rd	2-6	Original	2-40.2	5th
19.1	1st	2-7	3rd	2-41	1st
20	2nd	2-8	3rd	2-42	1st
21	5th	2-9	4th	2-43	1st
22	10th	2-9.1	Original	2-44	1st
22.1	2nd	2-10	2nd	2-45	2nd
23	1st	2-11	3rd	2-46	3rd
24	1st	2-11.1	Original	2-47	2nd
25	1st	2-12	2nd	2-48	1st
26	5th	2-13	2nd	2-49	1st

* New or Revised Pages

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1300 I Street, NW, Washington, D.C. 20005

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2-51	1st	2-81.1	Original	2-83.41	2nd
2-52	1st	2-82	1st	2-83.42	1st
2-53	1st	2-83	2nd	2-83.43	1st
2-54	3rd	2-83.1	1st	2-83.44	1st
2-55	2nd	2-83.2	2nd	2-83.45	1st
2-55.1	5th	2-83.3	1st	2-83.46	1st
2-55.1.1	1st	2-83.4	1st	2-83.47	1st
2-55.2	5th	2-83.5	2nd	2-83.48	1st
2-55.3	2nd	2-83.6	5th	2-83.49	1st
2-55.4	5th	2-83.7	1st	2-83.50	1st
2-55.5	5th	2-83.8	Original		
2-55.6	5th	2-83.9	Original		
2-55.7	6th	2-83.10	Original		
2-55.8	5th	2-83.11	Original		
2-55.9	6th	2-83.12	Original		
2-56	2nd	2-83.13	2nd		
2-57	3rd	2-83.14	5th		
2-58	Original	2-83.15	Original		
2-59	Original	2-83.16	Original		
2-60	Original	2-83.17	Original		
2-61	1st	2-83.18	3rd		
2-62	2nd	2-83.19	3rd		
2-63	1st	2-83.20	3rd		
2-64	1st	2-83.21	3rd		
2-65	4th	2-83.22	3rd		
2-66	2nd	2-83.23	3rd		
2-67	Original	2-83.24	3rd		
2-68	1st*	2-83.25	3rd		
2-69	1st	2-83.26	3rd		
2-70	2nd	2-83.27	3rd		
2-71	Original	2-83.28	3rd		
2-72	3rd	2-83.29	1st		
2-72.1	4th*	2-83.30	1st		
2-73	2nd	2-83.31	1st		
2-73.1	Original	2-83.32	1st		
2-74	1st	2-83.33	1st		
2-75	11th*	2-83.34	1st		
2-75.1	Original	2-83.35	1st		
2-76	Original	2-83.36	1st		
2-77	2nd	2-83.37	1st		
2-78	2nd	2-83.38	1st		
2-78.1	Original	2-83.39	1st		
2-79	Original				
2-80	Original				

*New or Revised Pages

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1300 I Street, NW, Washington, D.C. 20005

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2-86	3rd	2-119	3rd		
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2-91	3rd	2-124	3rd		
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2-93	3rd	2-126	Original		
2-94	3rd	2-127	1st		
2-95	3rd	2-128	1st		
2-96	3rd	2-129	Original		
2-97	5th	2-130	1st		
2-98	4th	2-131	Original		
2-99	4th	2-132	1st		
2-100	4th	2-133	1st		
2-101	4th	2-134	Original		
2-102	4th	2-135	Original		
2-103	4th	2-136	Original		
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2-107	2nd				
2-108	1st				
2-109	2nd				
2-110	1st				
2-111	1st				
2-112	1st				
2-113	1st				
2-114	1st				
2-115	1st				
2-116	1st				
2-116.1	3rd				
2-116.2	3rd				
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2-116.5	3rd				
2-116.6	3rd				
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*New or Revised Pages

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3-1	1st	4-17.1	10th	5-6	Original
3-2	1st	4-18	15th	5-7	4th
3-3	Original	4-19	7th	5-8	4th
3-4	1st	4-20	16th	5-9	1st
3-5	Original	4-20.1	3rd	5-10	Original
3-6	Original	4-21	8th	5-11	1st
3-7	Original	4-22	7th	5-12	2nd
3-8	Original	4-23	16th	5-12.1	3rd
3-9	Original	4-23.1	3rd	5-13	Original
3-10	Original	4-24	8th	5-14	Original
3-11	Original	4-25	7th	5-15	Original
3-12	1st	4-26	16th	5-16	Original
3-13	Original	4-26.1	3rd	5-17	1st
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3-15	1st	4-28	7th	5-18.1	Original
3-16	1st	4-29	16th	5-18.2	Original
3-17	1st	4-29.1	3rd	5-19	2nd
3-18	1st	4-30	8th	5-20	Original
3-19	1st	4-31	7th	5-21	1st
3-20	1st	4-32	16th	5-22	Original
3-21	1st	4-32.1	3rd	5-23	3rd
		4-33	1st	5-24	1st
4-1	2nd	4-33.1	1st	5-25	Original
4-2	2nd	4-34	Original	5-26	Original
4-3	3rd	4-35	1st	5-27	3rd
4-4	1st	4-36	1st	5-28	4th
4-5	1st	4-37	2nd	5-28.1	Original
4-6	1st	4-38	1st	5-29	3rd
4-7	3rd	4-39	Original	5-30	13th
4-8	2nd	4-40	1st	5-30.1	7th
4-9	2nd	4-40.1	Original	5-30.1.1	Original
4-10	6th	4-41	Original	5-30.1.2	3rd
4-11	8th	4-42	Original	5-30.2	2nd
4-12	36th	4-43	3rd	5-30.3	1st
4-13	36th	4-44	Original	5-31	1st
4-14	16th			5-32	4th
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4-15	72nd*	5-2	Original	5-33	3rd
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6-3	3rd	6-48	Original	6-93	1st
6-4	3rd*	6-49	Original	6-94	1st`
6-5	2nd*	6-50	1st	6-95	1st
6-6	1st*	6-51	Original	6-96	1st
6-7	1st	6-52	Original	6-97	1st
6-8	Original	6-53	Original	6-98	1st
6-9	Original	6-54	Original	6-99	Original
6-10	1st	6-55	Original	6-100	Original
6-11	1st	6-56	Original	6-101	Original
6-12	Original	6-57	Original	6-102	Original
6-13	Original	6-58	1st	6-103	1st
6-14	2nd	6-59	Original	6-104	1st*
6-15	1st	6-60	Original	6-105	2nd*
6-16	1st	6-61	Original	6-106	Original
6-17	Original	6-62	1st	6-107	Original
6-18	Original	6-63	1st	6-108	Original
6-19	Original	6-64	1st	6-109	Original
6-20	Original	6-65	Original	6-110	Original
6-21	1st	6-66	Original	6-111	1st
6-22	1st	6-67	Original	6-112	Original
6-23	1st	6-68	1st	6-113	Original
6-24	Original	6-69	1st*	6-114	Original
6-25	Original	6-70	Original	6-115	Original
6-26	1st	6-71	1st*	6-116	1st
6-27	1st	6-72	2nd*	6-117	Original
6-28	Original	6-73	Original	6-118	Original
6-29	1st	6-74	Original	6-119	2nd
6-30	3rd	6-75	1st*		
6-31	3rd	6-76	7th		
6-32	1st	6-77	Original		
6-33	1st	6-78	1st		
6-33.1	Original	6-79	3rd		
6-34	Original	6-80	Original		
6-35	Original	6-81	1st		
6-36	1st	6-82	Original		
6-37	1st	6-83	1st		
6-38	1st	6-84	Original		
6-39	1st	6-85	Original		
6-40	Original	6-86	Original		
6-41	Original	6-87	1st		
6-42	Original	6-88	1st		
6-43	1st	6-89	Original		
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6-45	Original				

* New or Revised Pages

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6-121	Original	6-160	3rd	6-196	1st
6-122	Original	6-161	Original	6-197	Original
6-123	Original	6-162	Original	6-198	1st
6-124	Original	6-163	Original	6-199	1st
6-125	1st	6-164	3rd	6-200	1st
6-126	1st	6-165	Original	6-201	Original
6-127	1st	6-166	Original	6-202	Original
6-128	1st	6-167	2nd	6-203	Original
6-129	1st	6-168	1st	6-204	3rd
6-130	1st	6-169	2nd	6-204.1	5th
6-131	1st	6-170	Original	6-205	3rd
6-132	1st	6-171	Original	6-206	1st
6-133	4th	6-172	Original	6-207	1st
6-134	3rd	6-173	Original	6-208	Original
6-135	3rd	6-174	1st	6-209	1st
6-136	Original	6-175	Original	6-210	1st
6-137	Original	6-176	Original	6-211	1st
6-138	Original	6-177	2nd	6-212	Original
6-138.1	1st	6-178	Original	6-213	1st
6-138.2	Original	6-179	Original	6-214	1st
6-138.3	1st	6-180	1st	6-215	1st
6-138.4	4th	6-181	Original	6-216	1st
6-139	Original	6-182	Original	6-217	1st
6-140	Original	6-183	1st	6-218	Original
6-141	Original	6-184	1st	6-219	Original
6-142	Original	6-184.1	Original	6-220	1st
6-143	Original	6-185	1st	6-221	1st
6-144	1st	6-186	1st	6-222	2nd
6-145	1st	6-187	1st	6-223	Original
6-146	2nd	6-188	Original	6-224	Original
6-147	Original	6-189	Original	6-225	1st
6-148	1st	6-190	Original		
6-149	1st	6-191	1st		
6-150	Original	6-192	1st		
6-151	Original	6-193	3rd		
6-152	1st	6-194	1st		
6-153	Original				
6-154	Original				
6-155	Original				
6-156	4th				
6-157	3rd				
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6-157.4	1st				
6-158	3rd				

* New or Revised Page

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE CHECK SHEET (Cont'd)

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6-227	1st	6-272	1st	6-301	2nd*
6-228	1st	6-273	1st	6-301.1	1st*
6-229	1st	6-274	2nd	6-302	2nd*
6-230	Original	6-275	1st	6-303	5th*
6-231	1st	6-276	1st	6-304	2nd*
6-232	Original	6-277	1st	6-305	3rd*
6-233	Original	6-278	1st	6-306	8th*
6-234	Original	6-279	1st	6-306.1	2nd*
6-235	Original	6-280	2nd	6-307	8th*
6-236	Original	6-281	Original	6-308	3rd*
6-237	1st	6-282	1st	6-309	3rd*
6-238	Original	6-283	Original	6-310	3rd*
6-239	Original	6-284	Original	6-311	3rd*
6-240	Original	6-285	Original	6-312	2nd*
6-241	3rd	6-286	Original	6-312.1	1st
6-242	1st	6-287	Original	6-312.2	1st
6-243	1st	6-288	Original	6-312.3	2nd
6-244	Original	6-289	Original	6-312.4	1st
6-245	1st	6-290	1st	6-312.5	1st
6-246	1st	6-290.1	Original	6-312.6	1st
6-247	1st	6-291	1st	6-312.7	1st
6-248	1st	6-292	1st	6-312.8	2nd
6-249	1st	6-293	1st	6-312.9	1st
6-250	Original	6-294	1st	6-312.10	1st
6-251	1st	6-295	1st	6-312.11	1st
6-252	Original	6-296	2nd	6-312.12	1st
6-253	3rd	6-297	3rd	6-312.13	2nd
6-254	1st	6-298	1st	6-313	9th
6-255	3rd	6-299	1st	6-314	4th
6-256	1st	6-299.1	Original		
6-257	6th	6-300	1st		
6-257.1	4th	6-300.1	2nd		
6-258	6th	6-300.2	4th		
6-258.1	1st	6-300.3	3rd		
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6-260	2nd	6-300.4	2nd		
6-261	1st	6-300.5	2nd		
6-262	6th	6-300.6	3rd		
6-262.1	2nd	6-300.7	2nd		
6-262.2	2nd	6-300.8	3rd		
6-262.3	2nd	6-300.9	3rd		
6-263	4th	6-300.9.1	1st		
6-263.1	1st	6-300.9.2	1st		
6-263.2	2nd	6-300.9.3	2nd		
6-264	2nd	6-300.10	4th		
6-265	1st	6-300.11	3rd		
6-266	2nd	6-300.12	2nd		
6-267	1st				
6-268	1st				
6-269	1st				
6-270	1st				

* New or Revised Page

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1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE CHECK SHEET (Cont'd)

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6-316	3rd	6-352	2nd	6-372	Original
6-317	3rd	6-353	2nd	6-373	Original
6-317.1	2nd	6-354	2nd	6-374	2nd
6-317.2	2nd	6-355	2nd	6-375	Original
6-317.3	2nd	6-356	2nd	6-376	1st
6-318	3rd	6-357	5th	6-377	Original
6-319	3rd	6-358	6th	6-378	Original
6-320	3rd	6-358.1	2nd	6-379	Original
6-320.1	2nd	6-358.2	1st	6-380	1st
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6-322	1st	6-362	Original	6-384	4th
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6-324.2	Original	6-363.1.2	2nd	6-385.3	2nd
6-324.3	Original	6-363.1.3	1st	6-385.4	2nd
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6-326	1st	6-363.2	3rd	6-385.6	2nd
6-327	1st	6-363.2.1	1st	6-385.7	2nd
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7-13	Original	7-52.1	1st	7-92	3rd
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7-20	3rd	7-60	3rd	7-101.1	1st
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7-239.2	4th*	7-256.3	6th	7-283	7th
7-240	3rd	7-257	7th*	7-283.1	3rd
7-241	5th*	7-258	7th*	7-284	8th
7-241.1	3rd	7-259	7th*	7-284.1	7th
7-242	6th	7-259.1	6th*	7-285	7th
7-242.1	3rd	7-259.2	6th*	7-285.1	6th
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7-243	2nd	7-260	7th*	7-286.1	4th
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7-294	3rd	7-303.9	6th	7-303.25	6th
7-294.1	2nd	7-303.9.1	4th	7-303.25.1	1st
7-294.2	2nd	7-303.10	6th	7-303.26	5th
7-294.3	2nd	7-303.11	6th		
7-295	3rd	7-303.11.1	3rd		
7-295.1	2nd	7-303.11.2	1st		
7-295.2	2nd	7-303.11.3	1st		
7-295.3	2nd	7-303.11.4	1st		
7-296	3rd	7-303.11.5	1st		
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7-297.1	1st	7-303.12	8th		
7-297.2	1st	7-303.12.1	1st		
7-297.3	1st	7-303.13	6th		
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7-298.2	1st	7-303.15	6th		
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7-299.2	2nd	7-303.16.3	1st		
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7-303.26.3	1st	7-303.40	5th	7-307.5	3rd
7-303.26.4	1st	7-303.40.1	1st	7-307.6	2nd
7-303.26.5	1st	7-303.41	4th	7-307.7	4th
7-303.26.6	1st	7-303.41.1	2nd		
7-303.26.7	1st	7-303.41.2	1st		
7-303.26.8	1st	7-303.41.3	1st		
7-303.26.9	1st	7-303.41.4	1st		
7-303.27	5th	7-303.41.5	1st		
7-303.27.1	1st	7-303.41.6	1st		
7-303.28	4th	7-303.41.7	1st		
7-303.29	3rd	7-303.41.8	1st		
7-303.30	5th	7-303.41.9	1st		
7-303.30.1	1st	7-303.42	1st		
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7-303.31.6	1st	7-304.5	3rd		
7-303.31.7	1st	7-304.6	2nd		
7-303.31.8	1st	7-304.7	4th		
7-303.31.9	1st	7-305	5th		
7-303.32	5th	7-305.1	5th		
7-303.32.1	1st	7-305.2	2nd		
7-303.33	4th	7-305.3	4th		
7-303.34	3rd	7-305.4	2nd		
7-303.35	5th	7-305.5	3rd		
7-303.35.1	1st	7-305.6	2nd		
7-303.36	4th	7-305.7	4th		
7-303.36.1	2nd	7-306	5th		
7-303.36.2	1st	7-306.1	4th		
7-303.36.3	1st	7-306.2	2nd		
7-303.36.4	1st	7-306.3	4th		
7-303.36.5	1st	7-306.4	2nd		
7-303.36.6	1st	7-306.5	3rd		
7-303.36.7	1st	7-306.6	2nd		
7-303.36.8	1st	7-306.7	4th		
7-303.36.9	1st	7-307	5th		
7-303.37	5th	7-307.1	4th		
7-303.37.1	1st	7-307.2	2nd		

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7-308.1	4th	8-11	7th	8-16.12	2nd
7-308.2	2nd	8-11.1	5th	8-16.13	2nd
7-308.3	4th	8-12	3rd	8-16.14	2nd
7-308.4	2nd	8-13	9th	8-16.15	2nd
7-308.5	3rd	8-13.1	11th	8-16.16	1st
7-308.6	2nd	8-13.2	7th	8-16.17	2nd
7-308.7	4th	8-13.3	2nd	8-16.18	2nd
7-309	5th	8-13.4	1st	8-16.19	3rd
7-309.1	4th	8-13.5	2nd	8-17	Original
7-309.2	2nd	8-14	4th	8-18	9th
7-309.3	4th	8-14.1	3rd	8-19	1st
7-309.4	2nd	8-14.2	6th	8-19.1	Original
7-309.5	3rd	8-14.2.1	1st	8-20	Original
7-309.6	2nd	8-14.3	4th	8-21	2nd
7-309.7	4th	8-14.4	3rd	8-21.1	1st
7-309.8	2nd	8-14.5	6th	8-21.2	1st
7-309.9	2nd	8-14.6	1st	8-21.3	1st
7-309.10	2nd	8-15	4th		
7-309.10.1	1st	8-15.1	3rd		
7-310	2nd*	8-15.2	6th		
7-311	Original	8-15.3	1st		
		8-15.4	1st		
8-1	3rd	8-16	11th		
8-2	Original	8-16.1	11th		
8-3	Original	8-16.1.1	1st		
8-4	2nd	8-16.2	11th		
8-5	3rd	8-16.2.1	1st		
8-6	4th	8-16.3	2nd		
8-7	11th	8-16.3.1	1st		
8-7.1	4th	8-16.4	3rd		
8-8	4th	8-16.5	3rd		
8-9	3rd	8-16.6	5th		
8-9.1	3rd	8-16.7	3rd		
8-9.2	1st	8-16.8	3rd		
8-9.3	2nd	8-16.9	3rd		
8-10	15th	8-16.10	2nd		

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9-1	Original	10-11	3rd*	10-44	9th
9-2	Original	10-12	3rd*	10-45	9th
9-3	1st	10-13	Original	10-46	9th
9-4	1st	10-14	Original	10-47	9th
9-5	1st	10-15	1st*	10-48	9th
9-6	Original	10-16	1st*	10-49	9th
9-7	Original	10-17	1st*	10-50	9th
9-8	1st	10-18	1st*	10-51	9th
9-9	1st	10-19	1st*	10-52	9th
9-10	Original	10-20	1st*	10-52.1	2nd
9-11	Original	10-21	1st	10-53	1st
9-12	Original	10-22	1st	10-53.1	Original
9-13	Original	10-22.1	Original	10-54	1st
9-14	Original	10-23	Original	10-54.1	Original
9-15	Original	10-24	Original	10-55	1st
9-16	1st	10-25	Original	10-56	1st
9-17	1st	10-26	1st	10-57	1st
9-18	1st	10-26.1	Original	10-58	Original
9-19	2nd	10-26.2	Original	10-59	1st
9-20	2nd	10-27	Original	10-60	1st*
9-21	1st	10-28	2nd	10-61	1st
9-22	1st	10-28.1	1st	10-62	1st
9-23	1st	10-29	3rd	10-63	Original
9-24	1st	10-29.1	1st	10-64	1st
9-25	Original	10-30	Original	10-65	Original
		10-31	Original	10-66	1st
10-1	Original	10-32	Original	10-67	1st
10-2	Original	10-33	Original	10-68	Original
10-3	Original	10-34	1st	10-69	1st
10-4	1st*	10-35	4th	10-70	Original
10-5	1st*	10-35.1	2nd	10-71	Original
10-6	Original	10-36	2nd	10-72	Original
10-7	1st*	10-36.1	2nd		
10-8	1st	10-37	3rd		
10-9	Original	10-38	4th		
10-10	1st	10-39	2nd		
		10-39.1	2nd		
		10-40	3rd		
		10-41	9th		
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		10-43	9th		

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12-1	Original	12-41	1st	12-81	1st
12-2	Original	12-42	1st	12-82	1st
12-3	2nd*	12-43	2nd	12-83	1st
12-4	1st	12-43.1	2nd	12-84	Original
12-5	1st	12-44	1st*	12-85	Original
12-6	1st	12-45	Original	12-86	Original
12-7	1st	12-46	Original	12-87	2nd
12-8	Original	12-47	Original	12-88	1st
12-9	Original	12-48	Original	12-89	1st
12-10	Original	12-49	1st	12-90	1st
12-11	Original	12-50	1st	12-91	1st
12-12	1st	12-51	1st	12-92	1st
12-13	1st	12-52	Original	12-93	1st
12-14	1st	12-53	1st	12-94	1st
12-15	1st	12-54	1st	12-95	1st
12-16	1st	12-55	1st	12-96	1st
12-17	1st	12-56	1st	12-97	1st
12-18	1st	12-57	Original	12-98	1st
12-19	1st	12-58	1st	12-99	2nd
12-20	Original	12-59	1st*	12-100	2nd
12-21	1st	12-60	Original	12-101	2nd
12-22	1st	12-61	1st	12-102	2nd
12-23	1st	12-62	Original	12-103	1st
12-24	1st	12-63	Original	12-104	1st
12-25	1st	12-64	1st	12-105	1st
12-26	1st	12-65	Original	12-106	1st
12-27	Original	12-66	Original	12-107	1st
12-28	1st*	12-67	1st	12-108	1st
12-29	1st	12-68	Original	12-109	1st
12-30	1st	12-69	Original	12-110	1st
12-31	Original	12-70	Original	12-111	1st
12-32	Original	12-71	1st	12-112	1st
12-33	1st	12-72	1st	12-113	1st
12-34	Original	12-73	1st	12-114	1st
12-35	1st	12-74	1st	12-115	1st
12-36	1st	12-75	1st	12-116	1st
12-37	1st	12-76	Original	12-117	1st
12-38	Original	12-77	1st	12-118	Original
12-39	1st	12-78	1st		
12-40	Original	12-79	1st		
		12-80	1st		

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11-1	Original				
11-2	Original				
11-3	Original				
11-4	Original				
11-5	Original				
11-6	Original				
11-7	Original				
11-8	Original				
11-9	Original				
11-10	Original				
11-11	Original				
11-12	1st*				
11-13	Original				
11-14	1st*				
11-15	1st*				
11-16	Original				
11-17	Original				
11-18	Original				

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13-1	Original	13-45	1st		
13-2	2nd				
13-3	1st				
13-3.1	Original				
13-4	2nd				
13-5	6th				
13-6	6th				
13-7	2nd				
13-8	1st				
13-9	1st				
13-10	1st				
13-11	1st				
13-12	1st				
13-13	1st				
13-14	1st				
13-15	1st				
13-16	1st				
13-17	1st				
13-18	1st				
13-19	1st				
13-20	1st				
13-21	1st				
13-22	1st				
13-23	1st				
13-24	1st				
13-25	Original				
13-26	Original				
13-27	1st				
13-28	Original				
13-29	Original				
13-30	Original				
13-31	1st				
13-32	1st				
13-33	Original				
13-34	Original				
13-35	Original				
13-36	Original				
13-37	Original				
13-38	Original				
13-39	Original				
13-40	Original				
13-41	Original				
13-42	Original				
13-43	1st				
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13-47	1st	13-90	Original	14-31	Original
13-48	1st	13-91	Original	14-32	Original
13-49	3rd*	13-92	Original	14-33	Original
13-50	3rd*	13-93	1st	14-34	Original
13-51	3rd*	13-94	1st	14-35	Original
13-52	3rd*	13-95	Original	14-36	1st
13-53	3rd*	13-96	1st	14-37	1st
13-54	3rd*	13-97	1st	14-38	1st
13-55	1st	13-98	Original	14-39	1st
13-56	1st	13-99	Original	14-40	1st
13-57	1st	13-100	Original	14-41	1st
13-58	1st			14-42	1st
13-59	1st			14-43	1st
13-60	1st	14-1	4th	14-44	2nd
13-61	1st	14-2	3rd	14-45	1st
13-62	1st	14-3	2nd	14-46	9th
13-63	1st	14-4	2nd	14-47	4th
13-64	1st	14-5	3rd	14-47.1	1st
13-65	1st	14-6	Original	14-48	1st
13-66	1st	14-7	1st	14-49	1st
13-67	1st	14-8	1st	14-50	1st
13-68	1st	14-9	1st	14-51	1st
13-69	1st	14-10	Original	14-52	1st
13-70	1st	14-11	Original	14-53	1st
13-71	3rd*	14-12	Original	14-54	1st
13-72	2nd	14-13	1st	14-55	2nd
13-73	4th*	14-14	Original	14-56	2nd
13-74	3rd	14-15	Original	14-57	2nd
13-75	1st	14-16	Original	14-58	2nd
13-76	1st	14-17	Original	14-59	2nd
13-77	1st	14-18	Original	14-60	4th
13-78	2nd	14-19	1st	14-61	4th
13-79	2nd	14-20	1st	14-62	4th
13-80	6th	14-21	2nd	14-63	7th
13-81	Original	14-22	1st	14-64	Original
13-82	2nd	14-23	Original	14-65	Original
13-83	1st	14-24	Original	14-66	Original
13-84	1st	14-25	Original	14-67	Original
13-85	1st	14-26	Original	14-68	Original
13-86	Original	14-27	Original	14-69	Original
13-87	1st	14-28	Original	14-70	Original
13-88	2nd	14-29	Original	14-71	Original

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16-2	2nd	16-41.1	6th	16-73	Original
16-3	2nd	16-41.2	2nd	16-74	Original
16-4	2nd	16-42	4th	16-74.1	1st
16-5	2nd	16-42.1	2nd	16-75	Original
16-6	2nd	16-42.2	2nd	16-76	Original
16-7	2nd	16-43	8th	16-77	Original
16-8	2nd	16-44	5th	16-78	6th
16-9	2nd	16-45	7th	16-78.1	1st
16-10	2nd	16-45.1	5th	16-79	5th
16-11	2nd	16-46	8th	16-80	4th
16-12	2nd	16-46.1	4th	16-80.1	2nd
16-13	2nd	16-46.2	2nd	16-80.1.1	1st
16-14	2nd	16-46.3	2nd	16-81	4th
16-15	2nd	16-46.4	2nd	16-81.1	4th
16-16	2nd	16-46.5	3rd	16-81.2	4th
16-17	2nd	16-46.6	3rd	16-82	5th
16-18	2nd	16-46.7	2nd	16-83	11th
16-19	2nd	16-47	7th	16-84	3rd
16-20	2nd	16-48	8th	16-85	4th
16-21	2nd	16-48.1	5th	16-86	2nd
16-22	2nd	16-48.2	7th	16-87	2nd
16-23	2nd	16-49	1st	16-88	3rd
16-24	3rd	16-50	1st	16-88.1	3rd
16-25	2nd	16-51	1st	16-88.2	3rd
16-26	2nd	16-52	1st	16-88.3	5th
16-27	2nd	16-53	1st	16-88.4	4th
16-28	8th	16-54	2nd	16-88.5	2nd
16-29	3rd	16-54.1	1st	16-88.6	2nd
16-30	2nd	16-54.2	1st	16-88.7	2nd
16-31	3rd	16-55	Original	16-89	4th
16-31.1	1st	16-56	2nd	16-90	4th
16-32	2nd	16-57	Original	16-90.1	3rd
16-33	3rd	16-58	1st	16-91	5th
16-33.1	1st	16-59	Original	16-92	5th
16-34	2nd	16-60	Original	16-93	5th
16-35	2nd	16-61	Original	16-93.1	4th
16-36	2nd	16-62	Original	16-93.2	3rd
16-37	8th	16-63	Original	16-93.3	3rd
16-37.1	3rd	16-64	1st	16-93.4	3rd
16-38	12th	16-65	2nd*	16-93.5	3rd
16-38.1	5th	16-65.1	1st*	16-94	5th
16-39	7th	16-66	3rd*	16-95	5th
16-39.1	6th	16-67	1st	16-96	5th
16-39.2	5th	16-68	Original	16-96.1	5th
16-40	5th	16-69	Original	16-97	5th
16-40.1	3rd	16-70	Original	16-98	5th
16-40.2	4th	16-71	Original	16-99	5th
				16-99.1	5th

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14-73	Original				
14-74	Original				
14-75	Original				
14-76	Original				
14-77	Original				
14-78	Original				
14-79	Original				
14-80	Original				
14-81	Original				
14-82	Original				
14-83	Original				
14-84	Original				
14-85	Original				
14-86	Original				
14-87	Original				
14-88	Original				
14-89	Original				
14-90	Original				
14-91	Original				
14-92	Original				
15-1	Original				
15-2	1st				
15-3	Original				

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16-100.1	3rd				
16-101	6th				
16-102	3rd				
16-103	6th				
16-103.1	7th				
16-103.1.1	1st				
16-103.2	4th				
16-103.3	4th				
16-103.4	4th				
16-103.5	4th				
16-104	2nd*				
16-105	3rd*				
16-106	2nd*				
16-107	2nd*				
16-108	2nd*				
16-109	2nd*				
16-110	3rd*				
16-110.1	2nd*				
16-110.2	2nd*				
16-111	3rd*				
16-111.1	2nd*				
16-112	4th				
16-113	2nd				
16-113.1	1st				
16-114	9th				
16-114.1	1st				
16-115	1st				
16-115.1	1st				
16-116	7th				
16-116.1	5th				
16-116.2	1st				
16-116.3	1st				
16-117	4th				
16-118	3rd				
16-119	3rd				
16-120	3rd				
16-121	3rd				
16-122	7th				
16-122.1	2nd				
16-123	6th				
16-124	3rd				
16-125	2nd				
16-126	3rd				
16-124	4th				
16-123	1st				
16-129	7th				

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16-131	5th	17-2	1st	19-24	5th
16-132	5th	17-3	1st	19-25	5th
16-133	5th	17-4	2nd	19-26	5th
16-134	5th	17-5	1st	19-27	6th
16-135	5th	17-6	1st	19-28	6th
16-136	11th	17-7	1st	19-29	5th
16-136.1	10th	17-8	1st	19-30	5th
16-136.1.1	8th	17-9	1st	19-31	5th
16-136.1.2	2nd	17-10	2nd	19-32	5th
16-136.1.3	2nd	17-11	1st	19-33	5th
16-136.1.3.1	1st	17-12	1st	19-34	5th
16-136.1.3.2	1st			19-35	5th
16-136.1.4	1st			19-36	7th
16-136.1.5	1st	18-1	1st	19-37	9th
16-136.2	6th	18-2	Original	19-38	6th
16-136.3	5th	18-3	Original	19-39	6th
16-136.4	5th	18-4	Original	19-40	5th
16-136.5	6th			19-41	5th
16-136.6	5th			19-42	6th
16-137	9th	19-1	5th	19-43	6th
16-138	6th	19-1.1	4th	19-43.1	4th
16-139	10th	19-2	6th	19-43.2	5th
16-139.1	10th	19-3	13th	19-43.3	4th
16-139.2	8th	19-3.1	1st*	19-44	5th
16-139.3	4th	19-4	7th*	19-45	7th
16-140	7th	19-5	5th	19-46	7th
16-140.1	5th	19-6	5th	19-47	5th
16-141	7th	19-7	5th	19-48	6th
16-142	7th	19-8	5th	19-49	6th
16-142.1	4th	19-9	6th	19-50	6th
16-143	7th	19-10	5th	19-51	6th
16-143.1	2nd	19-11	5th	19-52	6th
16-143.2	1st	19-12	5th	19-53	6th
16-143.3	1st	19-13	5th	19-54	6th
16-143.4	2nd	19-14	5th	19-55	6th
16-144	5th	19-15	5th	19-56	6th
16-145	5th	19-16	5th	19-56.1	5th
16-146	1st	19-17	5th	19-56.2	5th
16-147	1st	19-18	5th	19-57	6th
16-148	1st	19-19	5th	19-58	6th
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		19-22	5th	19-61	6th

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19-64	8th	19-109.1	4th	20-3	2nd
19-65	7th	19-110	5th	20-4	2nd
19-66	7th	19-111	5th	20-5	2nd
19-67	6th	19-112	5th	20-5.1	Original
19-68	6th	19-113	5th	20-6	Original
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19-70	6th	19-115	5th	20-8	Original*
19-71	6th	19-116	5th		
19-72	6th	19-117	5th		
19-73	6th	19-118	5th		
19-74	6th	19-119	5th		
19-75	6th	19-120	5th		
19-76	7th	19-121	5th		
19-77	7th	19-122	6th		
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19-80	6th	19-125	5th		
19-81	7th	19-126	5th		
19-82	6th	19-127	5th		
19-83	6th	19-128	6th		
19-84	7th	19-129	5th		
19-85	6th	19-130	5th		
19-86	6th	19-131	6th		
19-87	6th	19-132	5th		
19-88	6th	19-133	5th		
19-89	7th	19-134	5th		
19-90	9th	19-134.1	4th		
19-91	8th	19-134.2	4th		
19-91.1	4th	19-134.3	4th		
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19-95	6th	19-137	5th		
19-96	6th	19-138	5th		
19-97	6th	19-139	6th		
19-98	6th				
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19-100	5th				
19-101	5th				
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21-2	2nd	21-52	1st	21-102	Original
21-3	2nd	21-53	1st	21-103	Original
21-4	2nd	21-54	1st	21-104	Original
21-5	5th	21-55	Original	21-105	Original
21-6	5th	21-56	Original	21-106	Original
21-7	2nd	21-57	1st	21-107	Original
21-8	2nd	21-58	Original	21-108	Original
21-9	2nd	21-59	Original	21-109	Original
21-10	2nd	21-60	Original	21-110	Original
21-11	2nd	21-61	Original	21-111	Original
21-12	2nd	21-62	Original	21-112	Original
21-13	2nd	21-63	Original	21-113	Original
21-14	2nd	21-64	3rd	21-114	Original
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21-21	1st	21-71	4th	21-121	Original
21-22	1st	21-72	3rd	21-122	Original
21-23	Original	21-73	2nd	21-123	Original
21-24	Original	21-74	1st	21-124	Original
21-25	1st	21-75	1st	21-125	Original
21-26	Original	21-76	Original	21-126	Original
21-27	Original	21-77	Original	21-127	Original
21-28	2nd	21-78	Original	21-128	Original
21-29	Original	21-79	Original	21-129	Original
21-30	Original	21-80	Original	21-130	1st
21-31	Original	21-81	Original	21-131	Original
21-32	3rd	21-82	Original	21-132	Original
21-32.1	Original	21-83	Original	21-133	Original
21-33	Original	21-84	Original	21-134	1st
21-34	Original	21-85	Original	21-135	Original
21-35	Original	21-86	1st	21-136	Original
21-36	2nd	21-87	1st	21-137	Original
21-37	1st	21-88	Original	21-138	Original
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21-39	2nd	21-90	1st	21-140	Original
21-40	1st	21-91	1st		
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21-43	2nd	21-94	Original		
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21-143	Original	21-193	1st	21-245	Original
21-144	Original	21-194	1st	21-246	1st
21-145	Original	21-195	2nd	21-247	Original
21-146	Original	21-196	Original	21-248	1st
21-147	Original	21-197	Original	21-249	Original
21-148	Original	21-198	Original	21-250	1st
21-149	Original	21-199	Original	21-251	1st
21-150	2nd	21-200	Original	21-252	Original
21-151	Original	21-201	Original	21-253	1st
21-152	Original	21-202	Original	21-254	1st
21-153	Original	21-203	Original	21-255	1st
21-154	Original	21-204	Original	21-255.1	Original
21-155	Original	21-205	Original	21-256	1st
21-156	Original	21-206	Original	21-256.1	1st
21-157	Original	21-207	Original	21-257	1st
21-158	Original	21-208	Original	21-258	1st
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21-166	Original	21-216	Original	21-266	1st
21-167	Original	21-217	Original	21-267	1st
21-168	Original	21-218	Original	21-268	Original
21-169	Original	21-219	1st	21-269	Original
21-170	Original	21-220	Original	21-270	Original
21-171	Original	21-221	Original	21-271	Original
21-172	Original	21-222	1st	21-272	Original
21-173	Original	21-223	1st	21-273	Original
21-174	Original	21-224	1st	21-274	Original
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21-176	Original	21-226	1st	21-276	Original
21-177	Original	21-227	1st	21-277	Original
21-178	Original	21-228	Original	21-278	Original
21-179	Original	21-229	1st	21-279	Original
21-180	Original	21-230	1st	21-280	Original
21-181	Original	21-231	1st	21-281	Original
21-180	Original	21-232	2nd	21-282	Original
21-181	Original	21-233	1st	21-283	Original
21-182	Original	21-234	1st	21-284	2nd
21-183	Original	21-235	1st	21-285	2nd
21-184	Original	21-236	1st	21-286	2nd
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21-294	Original	21-346	1st*	21-398	Original
21-295	Original	21-347	Original	21-399	Original
21-296	Original	21-348	Original	21-400	Original
21-297	Original	21-349	Original	21-401	Original
21-298	Original	21-350	Original	21-402	Original
21-299	Original	21-351	1st*	21-403	Original
21-300	Original	21-352	Original	21-404	Original
21-301	Original	21-353	Original	21-405	Original
21-302	Original	21-354	Original	21-406	Original
21-303	Original	21-355	Original	21-407	1st
21-304	Original	21-356	Original	21-408	Original
21-305	Original	21-357	Original	21-409	Original
21-306	Original	21-358	Original	21-410	Original
21-307	Original	21-359	1st	21-411	Original
21-308	Original	21-360	1st	21-412	Original
21-309	Original	21-361	1st	21-413	Original
21-310	Original	21-362	Original	21-414	Original
21-311	Original	21-363	Original	21-415	Original
21-312	Original	21-364	Original	21-416	Original
21-313	Original	21-365	1st	21-417	Original
21-314	Original	21-366	Original	21-418	Original
21-315	Original	21-367	Original	21-419	Original
21-316	Original	21-368	Original	21-420	Original
21-317	Original	21-369	Original	21-421	Original
21-318	Original	21-370	Original	21-422	Original
21-319	Original	21-371	Original	21-423	Original
21-320	Original	21-372	Original	21-424	Original
21-321	Original	21-373	Original	21-425	Original
21-322	Original	21-374	Original	21-426	Original
21-323	Original	21-375	Original	21-427	Original
21-324	Original	21-376	Original	21-428	Original
21-325	Original	21-377	Original	21-429	Original
21-326	Original	21-378	Original	21-430	Original
21-327	Original	21-379	1st	21-431	Original
21-328	Original	21-380	Original	21-432	Original
21-329	Original	21-381	Original	21-433	Original
21-330	Original	21-382	Original	21-434	Original
21-331	Original	21-383	Original	21-435	Original
21-332	Original	21-384	Original	21-436	Original
21-333	Original	21-385	Original	21-437	Original
21-334	Original	21-386	Original	21-438	Original
21-335	Original	21-387	Original	21-439	Original
21-336	Original	21-388	Original	21-440	Original
21-337	Original	21-389	Original	21-441	Original
21-338	Original	21-390	Original	21-442	Original
21-339	Original	21-391	Original	21-443	Original
21-340	Original	21-392	Original	21-444	Original
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21-450	Original	21-502	Original	21-552	Original
21-451	Original	21-503	Original	21-553	Original
21-452	Original	21-504	Original	21-554	Original
21-453	Original	21-505	Original	21-555	Original
21-454	Original	21-506	Original	21-556	Original
21-455	Original	21-507	Original	21-557	Original
21-456	Original	21-508	Original	21-558	Original
21-457	Original	21-509	Original	21-559	Original
21-458	Original	21-510	Original	21-560	Original
21-459	Original	21-511	Original	21-561	Original
21-460	Original	21-512	Original	21-562	Original
21-461	Original	21-513	1st	21-563	Original
21-462	Original	21-514	Original	21-564	Original
21-463	Original	21-515	Original	21-565	Original
21-464	Original	21-516	Original	21-566	Original
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21-466	Original	21-518	Original	21-568	Original
21-467	Original	21-519	Original	21-569	Original
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21-469	Original	21-521	Original	21-571	Original
21-470	Original	21-522	Original	21-572	Original
21-471	Original	21-523	Original	21-573	Original
21-472	Original	21-524	Original	21-574	Original
21-473	Original	21-525	Original	21-575	Original
21-474	Original	21-526	Original	21-576	Original
21-475	Original	21-527	Original	21-577	Original
21-476	Original	21-528	Original	21-578	Original
21-477	Original	21-529	Original	21-579	Original*
21-478	Original	21-530	Original	21-580	Original*
21-479	Original	21-531	Original	21-581	Original*
21-480	Original	21-532	Original	21-582	Original*
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21-482	Original	21-534	Original	21-584	Original*
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21-486	Original	21-538	Original	21-588	Original*
21-487	Original	21-539	Original	21-589	Original*
21-488	Original	21-540	Original	21-590	Original*
21-489	Original	21-541	Original		
21-490	Original	21-542	Original		
21-491	Original	21-543	Original		
21-492	Original	21-544	Original		
21-493	Original	21-545	Original		
21-494	Original	21-546	Original		
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21-594	Original	21-648	Original	21-702	Original
21-595	Original	21-649	Original	21-703	Original
21-596	Original	21-650	Original	21-704	Original
21-597	Original	21-651	Original	21-705	Original
21-598	Original	21-652	Original	21-706	Original
21-599	Original	21-653	Original	21-707	Original
21-600	Original	21-654	1st*	21-708	Original
21-601	Original	21-655	Original	21-709	Original
21-602	Original	21-656	Original	21-710	Original
21-603	Original	21-657	Original	21-711	Original
21-604	Original	21-658	Original	21-712	Original
21-605	Original	21-659	Original	21-713	Original
21-606	Original	21-660	Original	21-714	Original
21-607	Original	21-661	Original	21-715	Original
21-608	Original	21-662	Original	21-716	Original
21-609	Original	21-663	Original	21-717	Original
21-610	Original	21-664	Original	21-718	Original
21-611	Original	21-665	Original	21-719	Original
21-612	Original	21-666	Original	21-720	Original
21-613	Original	21-667	Original	21-721	Original
21-614	Original	21-668	Original	21-722	Original
21-615	Original	21-669	Original	21-723	Original
21-616	Original	21-670	Original	21-724	Original
21-617	Original	21-671	Original	21-725	Original
21-618	Original	21-672	Original	21-726	Original
21-619	Original	21-673	Original	21-727	Original
21-620	Original	21-674	Original	21-728	Original
21-621	Original	21-675	Original	21-729	Original
21-622	Original	21-676	Original	21-730	Original
21-623	Original	21-677	Original	21-731	Original
21-624	Original	21-678	Original	21-732	Original
21-625	Original	21-679	Original	21-733	Original
21-626	Original	21-680	Original	21-734	Original
21-627	Original	21-681	Original	21-735	Original
21-628	Original	21-682	Original	21-736	Original
21-629	Original	21-683	Original	21-737	Original
21-630	Original	21-684	Original	21-738	Original
21-631	Original	21-685	Original	21-739	Original
21-632	Original	21-686	Original	21-740	Original
21-633	Original	21-687	Original	21-741	Original
21-634	Original	21-688	Original	21-742	Original
21-635	Original	21-689	Original	21-743	Original
21-636	Original	21-690	Original	21-744	Original
21-637	Original	21-691	Original	21-745	Original
21-638	Original	21-692	Original	21-746	Original
21-639	Original	21-693	Original	21-747	Original
21-640	Original	21-694	Original	21-748	Original
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21-753	Original	21-803	Original	21-855	Original
21-754	Original	21-804	Original	21-856	Original
21-755	Original	21-805	Original	21-857	Original
21-756	Original	21-806	Original	21-858	Original
21-757	Original	21-807	Original	21-859	Original
21-758	Original	21-808	Original	21-860	Original
21-759	Original	21-809	Original	21-861	Original
21-760	Original	21-810	Original	21-862	Original
21-761	Original	21-811	Original	21-863	Original
21-762	Original	21-812	Original	21-864	Original
21-763	Original	21-813	Original	21-865	Original
21-764	Original	21-814	Original	21-866	Original
21-765	Original	21-815	Original	21-867	Original
21-766	Original	21-816	Original	21-868	1st*
21-767	Original	21-817	Original	21-869	1st*
21-768	Original	21-818	Original	21-870	1st*
21-769	Original	21-819	Original	21-871	1st*
21-770	Original	21-820	Original	21-872	1st*
21-771	Original	21-821	Original	21-873	Original
21-772	Original	21-822	Original	21-874	Original
21-773	Original	21-823	Original	21-875	Original
21-774	Original	21-824	Original	21-876	Original
21-775	Original	21-825	Original	21-877	Original
21-776	Original	21-826	Original	21-878	Original
21-777	Original	21-827	Original	21-879	Original
21-778	Original	21-828	Original	21-880	Original
21-779	Original	21-829	Original	21-881	1st*
21-780	Original	21-830	Original	21-882	Original
21-781	Original	21-831	Original	21-882.1	Original*
21-782	Original	21-832	Original	21-882.2	Original*
21-783	Original	21-833	Original	21-883	1st*
21-784	Original	21-834	Original	21-884	Original
21-785	Original	21-835	Original	21-885	Original
21-786	Original	21-836	Original	21-886	Original
21-787	Original	21-837	Original	21-887	Original
21-788	Original	21-838	Original	21-888	Original
21-789	Original	21-839	Original	21-889	Original
21-790	Original	21-840	Original	21-890	Original
21-791	Original	21-841	Original	21-891	Original
21-792	Original	21-842	Original	21-892	Original
21-793	Original	21-843	Original	21-893	Original
21-794	Original	21-844	Original	21-894	Original
21-795	Original	21-845	Original	21-895	Original
21-796	Original	21-846	Original	21-896	Original
21-797	Original	21-847	Original	21-897	Original
21-798	Original	21-848	Original	21-898	Original
21-799	Original	21-849	1st	21-899	Original
21-800	Original	21-850	Original	21-900	Original
		21-851	Original	21-901	Original
		21-852	Original		

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(Issued under Transmittal No. 1343)

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Effective: January 27, 2017

Vice President, Federal Regulatory
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22-2	2nd	22-36.2	2nd	23-31	2nd
22-3	2nd	22-37	3rd	23-32	1st
22-4	2nd	22-37.1	2nd	23-33	1st
22-5	2nd	22-38	4th	23-34	1st
22-6	2nd	22-39	4th	23-35	2nd
22-7	2nd	22-40	3rd	23-36	1st
22-8	2nd	22-41	3rd	23-37	1st
22-9	2nd	22-42	7th	23-38	3rd
22-10	2nd			23-39	2nd
22-11	2nd			23-40	4th
22-12	2nd	23-1	3rd	23-40.1	2nd
22-13	2nd	23-1.1	Original	23-41	2nd*
22-15	2nd	23-2	1st	23-41.1	3rd*
22-16	7th	23-3	2nd	23-42	3rd*
22-17	5th	23-4	1st	23-43	2nd
22-18	4th	23-5	1st	23-44	2nd
22-18.1	2nd	23-6	1st	23-45	1st
22-18.2	2nd	23-7	2nd	23-46	1st
22-18.3	2nd	23-7.1	1st	23-47	1st
22-18.4	3rd	23-7.2	1st	23-48	1st
22-19	5th	23-7.3	1st	23-49	3rd*
22-20	5th	23-8	2nd	23-50	4th*
22-21	5th	23-9	2nd	23-51	2nd*
22-22	7th	23-10	2nd	23-52	1st
22-22.1	1st	23-11	3rd	23-53	1st
22-23	6th	23-12	2nd	23-54	1st
22-24	4th	23-12.1	1st	23-55	1st
22-25	5th	23-13	2nd	23-56	1st
22-26	3rd	23-14	2nd	23-57	1st
22-27	5th	23-14.1	1st	23-58	1st
22-28	6th	23-14.2	1st	23-59	1st
22-29	4th	23-14.3	1st	23-60	2nd*
22-30	4th	23-15	1st	23-61	1st
22-31	4th	23-16	2nd	23-62	1st
22-32	4th	23-17	2nd	23-63	1st
22-33	2nd	23-17.1	1st	23-64	1st
22-33.1	2nd	23-18	2nd	23-65	1st
22-33.2	2nd	23-18.1	1st	23-66	1st
22-33.3	2nd	23-19	2nd	23-67	1st
22-33.4	2nd	23-20	1st	23-68	1st
22-33.5	2nd	23-21	1st	23-69	1st
22-33.6	2nd	23-22	1st	23-70	1st
22-33.7	2nd	23-23	1st	23-71	1st
22-33.8	2nd	23-24	1st	23-72	1st
22-34	3rd	23-25	1st	23-73	1st
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22-34.2	2nd	23-27	1st	23-75	1st
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22-36	3rd	23-29	1st	24-1	2nd

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24-3	1st	25-22	2nd	25-58	2nd
24-4	1st	25-23	2nd	25-59	Original
24-5	1st	25-24	3rd	25-60	2nd
24-6	1st	25-24.1	2nd	25-60.1	1st
24-7	4th	25-24.2	1st	25-61	2nd
24-8	6th	25-25	5th	25-62	2nd
24-9	Original	25-25.1	4th	25-63	2nd
24-10	Original	25-25.2	3rd	25-64	1st
24-11	Original	25-25.3	3rd	25-65	1st*
24-12	3rd	25-25.4	3rd	25-66	1st*
		25-25.5	4th	25-67	1st
25-1	5th	25-26	5th	25-68	Original
25-1.1	2nd	25-27	1st	25-69	Original
25-2	2nd	25-28	1st	25-70	Original
25-3	2nd	25-29	1st	25-71	Original
25-4	3rd	25-29.1	1st	25-72	Original
25-4.1	1st	25-30	1st	25-72.1	Original
25-4.2	Original	25-31	Original	25-72.2	Original
25-4.3	Original	25-32	1st	25-72.3	Original
25-5	10th	25-33	Original	25-73	4th
25-5.1	2nd	25-33.1	Original	25-74	1st
25-5.2	1st	25-34	Original	25-75	1st
25-6	3rd	25-35	Original	25-75.1	2nd
25-7	3rd	25-36	Original	25-76	1st
25-8	2nd	25-37	1st	25-77	1st
25-8.1	2nd	25-38	2nd	25-77.1	1st
25-9	2nd	25-38.1	Original	25-78	1st
25-9.1	2nd	25-39	Original	25-79	1st
25-9.2	1st	25-40	1st	25-80	1st
25-9.3	Original	25-41	3rd	25-80.1	Original
25-9.4	Original	25-42	4th	25-80.2	Original
25-9.5	2nd	25-43	4th	25-81	2nd
25-9.6	Original	25-44	1st	25-82	1st
25-9.7	Original	25-45	3rd	25-83	Original
25-9.8	Original	25-46	1st	25-84	Original
25-9.9	Original	25-47	1st	25-85	Original
25-9.10	1st	25-48	1st	25-86	Original
25-9.11	1st	25-48.1	Original	25-87	Original
25-10	2nd	25-48.2	Original	25-88	1st
25-11	1st	25-49	2nd	25-89	Original
25-12	3rd	25-50	2nd		
25-13	2nd	25-51	2nd		
25-14	3rd	25-52	3rd		
25-14.1	1st	25-53	4th*		
25-14.2	Original	25-54	2nd		
25-15	4th	25-55	2nd		
25-16	2nd				
25-17	1st				
25-18	1st				
25-19	7th				

* New or Revised Pages

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25-91	Original				
25-92	Original				
25-93	Original				
25-94	Original				
25-95	Original				
25-96	Original				
25-97	Original				
25-98	1st*				
25-99	1st				
25-100	1st				
25-100.1	Original				
25-101	1st				
25-102	1st				
25-103	1st				
25-104	Original				
25-105	Original				
25-106	1st*				
25-107	1st*				
25-108	1st				
25-109	Original				
25-110	Original				
25-111	1st				
25-112	Original				
25-113	Original				
25-114	2nd				
25-115	1st				
25-116	Original				
25-117	1st*				
25-118	1st				
25-119	1st				
25-120	Original				
25-121	Original				
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25-124	2nd*				
25-125	1st*				
25-126	Original				

* New or Revised Pages

(Issued under Transmittal No. 1335)

Issued: July 1, 2016

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Vice President, Federal Regulatory
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21-902	Original				
21-903	Original	21-954	Original	21-1005	Original
21-904	Original	21-955	Original	21-1006	Original
21-905	Original	21-956	Original	21-1007	Original
21-906	Original	21-957	Original	21-1008	Original
21-907	Original	21-958	Original	21-1009	Original
21-908	Original	21-959	Original	21-1010	Original
21-909	Original	21-960	Original	21-1011	Original
21-910	Original	21-961	Original	21-1012	Original
21-911	Original	21-962	Original	21-1013	Original
21-912	Original	21-963	Original	21-1014	Original
21-913	Original	21-964	Original	21-1015	Original*
21-914	Original	21-965	Original	21-1016	Original*
21-915	Original	21-966	Original	21-1017	Original*
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21-917	Original	21-968	Original	21-1019	Original*
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21-920	Original	21-971	Original	21-1022	Original*
21-921	Original	21-972	Original	21-1023	Original*
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21-926	Original	21-977	Original	21-1028	Original*
21-927	Original	21-978	Original	21-1029	Original*
21-928	Original	21-979	Original	21-1030	Original*
21-929	Original	21-980	Original	21-1031	Original*
21-930	Original	21-981	Original	21-1032	Original*
21-931	Original	21-982	Original	21-1033	Original*
21-932	Original	21-983	Original	21-1034	Original*
21-933	Original	21-984	Original	21-1035	Original*
21-934	Original	21-985	Original	21-1036	Original*
21-935	Original	21-986	Original	21-1037	Original*
21-936	Original	21-987	Original	21-1038	Original*
21-937	Original	21-988	Original	21-1039	Original*
21-938	Original	21-989	Original	21-1040	Original*
21-939	Original	21-990	Original	21-1041	Original*
21-940	Original	21-991	Original	21-1042	Original*
21-941	Original	21-992	Original	21-1043	Original*
21-942	Original	21-993	Original	21-1044	Original*
21-943	Original	21-994	Original	21-1045	Original*
21-944	Original	21-995	Original	21-1046	Original*
21-945	Original	21-996	Original	21-1047	Original*
21-946	Original	21-997	Original	21-1048	Original*
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21-949	Original	21-1000	Original	21-1051	Original*
21-950	Original	21-1001	Original		
21-951	Original	21-1002	Original		
21-952	Original	21-1003	Original		
21-953	Original	21-1004	Original		

* New or Revised Page

(Issued under Transmittal No. 1325)

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Effective: December 30, 2015

Vice President, Federal Regulatory
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ACCESS SERVICE

Pursuant to the Federal Communications Commission's Order DA 01-1077, released April 25, 2001, Verizon is hereby suspending the effective date of material pertaining to collocation filed under Bell Atlantic Transmittal Nos. 1373 and 1374 and reissued under Verizon Transmittal No. 23. The suspension is for one day, from April 26, 2001 to April 27, 2001. Transmittal No. 23 was originally filed on April 13, 2001.

Regulations pertaining to provisions concerning inspections and associated penalties for DC Power usage which is in excess of the ordered power load have subsequently been withdrawn on April 24, 2001 Under Transmittal No. 29.

The following tariff pages submitted in Transmittal No. 23 are affected by this Supplement:

<u>Page</u>	<u>Revision Number</u>
19-9	Original
19-36	Original
19-37	Original
19-39	Original
19-42	Original
19-90	Original
19-91	Original
19-92	Original
19-106	Original
19-109	Original

(This page filed under Transmittal No. 30)

Issued: April 27, 2001

Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

<u>Page</u>	<u>Revision Number</u>	<u>Page</u>	<u>Revision Number</u>	<u>Page</u>	<u>Revision Number</u>
19-17	Original	19-55	Original	19-90	Original
19-18	Original	19-56	Original	19-91	Original
19-19	Original	19-57	Original	19-92	Original
19-20	Original	19-58	Original	19-93	Original
19-21	Original	19-59	Original	19-94	Original
19-22	Original	19-60	Original	19-95	Original
19-23	Original	19-61	Original	19-96	Original
19-24	Original	19-62	Original	19-97	Original
19-25	Original	19-63	Original	19-98	Original
19-26	Original	19-64	Original	19-99	Original
19-27	Original	19-65	Original	19-100	Original
19-28	Original	19-66	Original	19-101	Original
19-29	Original	19-67	Original	19-102	Original
19-30	Original	19-68	Original	19-103	Original
19-31	Original	19-69	Original	19-104	Original
19-32	Original	19-70	Original	19-105	Original
19-33	Original	19-71	Original	19-106	Original
19-34	Original	19-72	Original	19-107	Original
19-35	Original	19-73	Original	19-108	Original
19-36	Original	19-74	Original	19-109	Original
19-40	Original	19-75	Original	19-110	Original
19-41	Original	19-76	Original	19-111	Original
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19-43	Original	19-78	Original	19-113	Original
19-44	Original	19-79	Original	19-114	Original
19-45	Original	19-80	Original	19-115	Original
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19-47	Original	19-82	Original	19-117	Original
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19-49	Original	19-84	Original	19-119	Original
19-50	Original	19-85	Original	19-120	Original
19-51	Original	19-86	Original		
19-52	Original	19-87	Original		
19-53	Original	19-88	Original		
19-54	Original	19-89	Original		

(This page filed under Transmittal No. 43)

Issued: May 31, 2001

Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

Cancels Supplement Nos. 1, 2, 3, 4, 5,
6, 7, 8, 9, 10, 11, and 12

ACCESS SERVICE

On April 13, 2001, under Transmittal No. 23, the Verizon Telephone Companies (Verizon) reissued its Tariff F.C.C. No. 1 under the name of "The Verizon Telephone Companies" and, at the same time, cancelled it under the name of "The Bell Atlantic Telephone Companies." The supplements that were still in effect under the Bell Atlantic tariff, namely supplement numbers 191, 198, 208, 211, 224, 225, 228, 230, 231, 232, 233, and 235, were reissued under the Verizon tariff. However, in reissuing these supplements, Verizon inadvertently listed the Bell Atlantic tariff pages rather than the Verizon tariff pages where the associated tariff material is now located.

With this supplement, Verizon hereby combines the information included in the reissued Verizon supplements, cancels Verizon supplement numbers 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12, and lists the correct tariff pages where the associated tariff material is now located.

The original supplements were issued pursuant to the following Commission Orders. These Order were issued to suspend the effective date of tariff material pertaining to Collocated Interconnection for one day, to place the associated tariff material under investigation, and to establish an accounting order.

DA 96-1232, released August 2, 1996
DA 97-417, released February 25, 1997
DA 97-1787, released August 20, 1997
DA 97-2660, released December 19, 1997
DA 98-2152, released October 27, 1998
DA 98-2617, released December 24, 1998
DA 99-911, released May 14, 1999
DA 99-1498, released July 29, 1999
DA 00-563, released March 13, 2000
DA 00-961, released May 1, 2000
DA 00-1009, released May 8, 2000
DA 01-667, released March 13, 2001

The following tariff pages are impacted by this supplement:

<u>Page</u>	<u>Revision Number</u>	<u>Page</u>	<u>Revision Number</u>	<u>Page</u>	<u>Revision Number</u>
36	Original	8-17	Original	19-4	Original
37	Original	8-18	Original	19-5	Original
46	Original	8-21	Original	19-6	Original
47	Original			19-7	Original
		16-78	Original	19-8	Original
6-337	Original	16-79	Original	19-9	Original
		16-83	Original	19-10	Original
7-72	Original	16-84	Original	19-11	Original
7-73	Original	16-103	Original	19-12	Original
7-76	Original			19-13	Original
7-91	Original	19-1	Original	19-14	Original
7-283	Original	19-2	Original	19-15	Original
7-284	Original	19-3	Original	19-16	Original

(This page filed under Transmittal No. 43)

Issued: May 31, 2001

Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

Pursuant to DA 01-1417, released June 14, 2001, the Verizon Telephone Companies are suspending the effective date of material filed under Transmittal No. 45 for one day, from June 16, 2001 to June 17, 2001. Transmittal No. 45 was originally filed on June 1, 2001.

The following tariff pages submitted under Transmittal No. 45 are affected by this Supplement:

<u>Page</u>	<u>Revision Number</u>
37	1st
19-95	1st
19-96	1st
19-97	1st
19-98	1st
19-99	1st
19-121	Original
19-122	Original
19-123	Original
19-124	Original
19-125	Original
19-126	Original
19-127	Original
19-128	Original
19-129	Original
19-130	Original
19-131	Original
19-132	Original
19-133	Original
19-134	Original
19-135	Original
19-136	Original
19-137	Original
19-138	Original
19-139	Original

Issued: June 19, 2001

Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

Pursuant to DA 01-1579, released July 5, 2001, the Verizon Telephone Companies are suspending the effective date of material filed under Transmittal No. 60 for one day, from July 6, 2001 to July 7, 2001. Transmittal No. 60 was originally filed on June 21, 2001.

The following tariff pages submitted under Transmittal No. 60 are affected by this Supplement:

<u>Page</u>	<u>Revision</u> <u>Number</u>
8-10	2nd
8-11	1st

Issued: July 6, 2001

Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

Pursuant to DA 02-xxx of the Federal Communications Commission, released April 24, 2002, the Verizon Telephone Companies are suspending the effective date of material filed under Transmittal No. 175 for one day, from April 24, 2002 to April 25, 2002. Transmittal No. 175 was originally filed on April 9, 2002.

The following tariff pages submitted under Transmittal No. 175 are affected by this Supplement:

<u>Page</u>	<u>Revision Number</u>
36	3rd
43	2nd
46	2nd
19-37	3rd
19-91	3rd
19-92	2nd
19-105	1st
19-107	2nd
19-109	3rd

Issued: October 12, 2001

Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

Pursuant to DA 02-934 of the Federal Communications Commission, released April 23, 2002, the Verizon Telephone Companies hereby suspend the effective date of revisions filed under Transmittal No. 175 from April 24, 2002 to April 25, 2002. Transmittal No. 175 was originally filed on April 9, 2002 to introduce Collocated Interconnection Service Business Integrated Timing Supply (BITS).

The following tariff pages are affected by this supplement:

<u>Page</u>	<u>Revision Number</u>
36	3rd
43	2nd
46	2nd
19-37	3rd
19-91	3rd
19-92	2nd
19-105	1st
19-107	2nd
19-109	3rd

(X) Filed under authority of Special Permission No. 02-068 of the Federal Communications Commission.

(Issued under Transmittal No. 193)

Issued: May 7, 2002

Vice President, Federal Regulatory
1300 I St NW, Washington, D.C. 20005

ACCESS SERVICE

Pursuant to DA 02-1885 of the Federal Communications Commission, released August 2, 2002, the Verizon Telephone Companies hereby suspend the effective date of revisions filed under Transmittal No. 224 from August 3, 2002 to August 4, 2002. Transmittal No. 224 was originally filed on July 19, 2002 to enhance IntelliLight Broadband Transport (IBT) Service by allowing IBT to connect the collocated space of the same or of two different collocated customers located in different wire centers

The following tariff pages are affected by this supplement:

<u>Page</u>	<u>Revision</u>
	<u>Number</u>
8-7	2nd

(Issued under Transmittal No. 230)

Issued: August 5, 2002

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

On August 6, 2002, the Verizon Telephone Companies (Verizon) issued Supplement No. 21 under Transmittal No. 231 to defer the effective date of Transmittal No. 226 from to August 23, 2002.

Subsequently, on August 26, 2002, Verizon issued Supplement No. 23 under Transmittal No. 237 to suspend the effective date of Transmittal No. 226 from August 23, 2002 to January 23, 2003, pursuant to DA 02-2055 of the Federal Communications Commission, released August 22, 2002.

On January 17, 2003, under authority of Special Permission No. 03-007 of the Federal Communications Commission, Verizon is withdrawing Transmittal No. 226 without it becoming effective and reinstating material currently in effect.

Transmittal No. 226, which proposed modifications to the general regulations governing payment of charges and customer deposits, was originally issued on July 25, 2002.

(Issued under Transmittal No. 280)

Issued: January 16, 2003

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

Pursuant to Special Permission No. 03-074 of the Federal Communications Commission, the Verizon Telephone Companies are deferring the effective date of material filed under Transmittal No. 333 from July 16, 2003 to July 23, 2003. Transmittal No. 333 was originally filed on July 1, 2003.

The following tariff pages submitted under Transmittal No. 333 are affected by this Supplement:

<u>Page</u>	<u>Revision Number</u>
35	3rd
16-116	2nd
16-116.1	Original
16-123	3rd
16-130	2nd
16-131	2nd
16-132	2nd
16-133	2nd
16-134	2nd
16-135	2nd

(Issued under Transmittal No. 339)

Issued: July 15, 2003

Vice President, Federal Regulatory
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ACCESS SERVICE

Pursuant to the Federal Communications Commission's Order on Reconsideration, DA 12-1231, adopted and released August 1, 2012, the investigation and accounting order imposed in WCB Pricing No. 12-09 is terminated. Therefore, as of August 1, 2012, Supplement No. 30 is no longer effective.

The following tariff pages, filed under Transmittal No. 1191, are affected by this Supplement:

<u>Page</u>	<u>Revision Number</u>
4-17.1	4th
4-18	9th

(Issued under Transmittal No. 1199)

Issued: August 8, 2012

Vice President, Federal Regulatory
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1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

CONCURRING CARRIERS

NO CONCURRING CARRIERS

CONNECTING CARRIERS

NO CONNECTING CARRIERS

OTHER PARTICIPATING CARRIERS

All Exchange Telephone Companies that have Access Tariffs on file under Part 69 of the Federal Communications Rules and Regulations with which THE VERIZON TELEPHONE COMPANIES jointly provide Switched and Special Access Service.

REGISTERED SERVICE MARKS

NONE

REGISTERED TRADEMARKS

IntelliLight®
IntelliMux®

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(N)
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ACCESS SERVICE

EXPLANATION OF SYMBOLS

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

EXPLANATION OF ABBREVIATIONS

ac	-	Alternating current
ACNA	-	Access Customer Name Abbreviation
AML	-	Actual Measured Loss
ANI	-	Automatic Number Identification
ANSI	-	American National Standard Institute
ARC	-	Access Recovery Charge
AT&T-C	-	AT&T Communications
ATSC	-	Advanced Television Systems Committee
BAN	-	Billing Account Number
BD	-	Business Day
BHMC	-	Busy Hour Minutes of Capacity
BSA	-	Basic Serving Arrangement
BSE	-	Basic Service Element
BVS	-	Billing Validation Service
CAROT	-	Centralized Automatic Reporting on Trunks
CCS	-	Common Channel Signaling
CCSAS	-	Common Channel Signaling Access Service
CFA	-	Connecting Facility Assignment
CEC	-	Cellular Exchange Carrier
CI	-	Channel Interface
CLO	-	Control Link Oscillator
CN	-	Charge Number
CO	-	Central Office
COCTS	-	Central Office Centrex
Cont'd	-	Continued
CPE	-	Customer Provided Equipment
CSM	-	Customer Service Management Optional Feature
CPN	-	Calling Party Number
CSP	-	Carrier Selection Parameter
Cts	-	Centrex
DA	-	Directory Assistance
dB	-	decibel
dBrnC	-	Decibel Reference Noise C-Message Weighting
dBrnC0	-	Decibel Reference Noise C-Message Weighted 0
dBv	-	Decibel(s) Relative to 1 volt (Reference)
dBv1	-	Decibel(s) Relating to 1 volt (Reference)
dc	-	direct current
DID	-	Direct Inward Dialing
DNAL	-	Dedicated Network Access Link
DSR	-	Verizon Dedicated SONET Ring
DTM	-	Direct TL1 Monitoring Optional Feature
DVTS	-	Direct Video Transport Service
DWDM	-	Dense Wave Division Multiplexing

(D)

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EXPLANATION OF ABBREVIATIONS

EDD	-	Envelope Delay Distortion
ELEPL	-	Equal Level Echo Path Loss
EML	-	Expected Measured Loss
EPL	-	Echo Path Loss
ERL	-	Echo Return Loss
ESCON	-	Enterprise Systems CONnection
ESS	-	Electronic Switching System
ESSX	-	Electronic Switching System Exchange
f	-	frequency
F.C.C.	-	Federal Communications Commission
FICON	-	Fibre CONnection
FID	-	Field Identifier
FX	-	Foreign Exchange
GigE	-	Gigabit Ethernet
HC	-	High Capacity
Hi-Def	-	High Definition
Hz	-	Hertz
IC	-	Interstate Customer
ICB	-	Individual Case Basis
ICL	-	Inserted Connection Loss
IOF	-	Inter-Office Facility
IP	-	Interconnection Point
kbps	-	kilobits per second
kHz	-	kilohertz
LAN	-	Local Area Network
LATA	-	Local Access and Transport Area
LCC	-	Line Cost Charge
LES	-	LAN Extension Service
LIDB	-	Line Information Data Base
Ma	-	milliamperes
Mbps	-	Megabits per second
MHz	-	Megahertz
MMUC	-	Minimum Monthly Usage Charge
MRC	-	Monthly Recurring Charge
MRCCs	-	Maritime Radio Common Carriers
MSA	-	Metropolitan Statistical Area
MTS	-	Message Telecommunications Service(s)
MTSO	-	Mobile Telephone Switching Office
NDP	-	National Discount Plan
N-MSA	-	Non-qualifying MSA
NPA	-	Numbering Plan Area
NRC	-	Nonrecurring Charge
(D)		
NTS	-	Non-Traffic Sensitive
NXX	-	Three Digit Central Office Code
OBSC	-	Out of Band Signaling Connection
OCF	-	Optical Channel Facility
OCF-G	-	Optical Channel Facility - Gigabit
OHF	-	Optical Hubbing Facility
OHI	-	Optical Hubbing Interface
OHS	-	Optical Hubbing Service
OTPL	-	Zero Transmission Level Point

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EXPLANATION OF ABBREVIATIONS

PBX	-	Private Branch Exchange
PCM	-	Pulse Code Modulation
PI	-	Priority Installation
PLR	-	Private Line Ringdown
POT	-	Point of Termination
PR	-	Priority Restoration
RCCs	-	Radio Common Carriers
rms	-	root-mean-square
RPON	-	Related Purchase Order Number
RSM	-	Remote Switching Modules
RSS	-	Remote Switching Systems
SASG	-	Special Access Service Guarantee
SCVS	-	Serial Component Video Service
SLA	-	Service Level Agreement
SLC	-	Subscriber Line Charge
SMPTE		Society of Motion Picture and Television Engineers
SPOI	-	Signaling Point of Interface
SRL	-	Singing Return Loss
SS7	-	Signaling System 7
SSN	-	Switched Service Network
STP	-	Signal Transfer Point
SWC	-	Serving Wire Center
S56	-	Switched 56 Kilobit Service
TAS	-	Tandem Access Sectorization
TASA	-	Tandem Access Sectorization Area
TES	-	Telephone Exchange Service(s)
TL1	-	Transaction Language 1
TLP	-	Transmission Level Point
TSPS	-	Traffic Service Position System
TSP	-	Telecommunications Service Priority
TV	-	Television
TVOC	-	Telephone Company Video Operation Center
UPS	-	Uninterrupted Power Supply
USOC	-	Uniform Service Order Code
VG	-	Voice Grade
V & H	-	Vertical & Horizontal
WATS	-	Wide Area Telecommunications Service(s)
WCN	-	With Calling Name
WOCN	-	Without Calling Name

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REFERENCE TO OTHER TARIFFS

Whenever reference is made in this tariff to other tariffs, 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 tariff is referenced in this tariff and may be obtained from the National Exchange Carrier Association, 80 South Jefferson Road, Whippany, NJ 07981-1009 or in electronic format on the Internet at www.neca.org.

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

(Issued under Transmittal No. 1363)

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Effective: January 2, 2018

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

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REFERENCE TO OTHER PUBLICATIONS

The following technical publications are referenced in this tariff and may be obtained from Telcordia Technologies, One Telcordia Drive, RRC 1B-180, Piscataway, NJ 08854-4156, (866)672-6997 or on the Internet at www.telcordia.com.

Technical Reference:

FR-64-CORE, Issue 3	Issued: April 2008
GR-20-CORE, Issue 3	Issued: May 2008
GR-54-CORE, Issue 1	Issued: December 1995
GR-63-CORE, Issue 3	Issued: March 2006
GR-253-CORE, Issue 4	Issued: December 2005
GR-334-CORE, Issue 1	Issued: July 1994
GR-338-CORE, Issue 1	Issued: December 1995
GR-342-CORE, Issue 1	Issued: December 1995
GR-394-CORE, Issue 8	Issued: November 2007
GR-436-CORE, Issue 1	Issued: June 1994
GR-499-CORE, Issue 3	Issued: September 2004
GR-905-CORE, Issue 11	Issued: December 2008
GR-954-CORE, Issue 4	Issued: August 2005
GR-1060-CORE, Issue 1	Issued: April 1994
GR-1083-CORE, Issue 5	Issued: September 2004
GR-1110-CORE, Issue 4	Issued: December 2000
GR-1244-CORE, Issue 3	Issued: May 2005
GR-1248-CORE, Issue 4	Issued: November 1998

(D)

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REFERENCE TO OTHER PUBLICATIONS (Cont'd)Technical Reference: (Cont'd)

GR-1312-CORE, Issue 3	Issued: April 1999
GR-1374-CORE, Issue 1	Issued: December 1994
GR-2918-CORE, Issue 6	Issued: January 2003
GR-2936-CORE, Issue 1	Issued: December 1997
GR-2979-CORE, Issue 5	Issued: March 2005
PUB 41004	Issued: October 1973
PUB 62310	Issued: September 1983
SR-3330, Issue 2	Issued: April 1997
SR-4274, Issue 1	Issued: April 1997
SR-INS-001532, Issue 1	Issued: July 1991
Video Distribution Technology	
SR-NPL-001434, Issue 1	Issued: January 1990
Cable TV Signal Distribution	
SR-NWT-001851, Issue 1	Issued: December 1990
SR-STS-000320	Issued: August 1990
SR-TAP-000191, Issue 2	Issued: December 1998
ST-TEC-000053, Issue 1	Issued: August 1989
Telecommunications Transmission Engineering	
Volume 3 - Networks and Services (Chapters 6 and 7)	
TR-NPL-000157, Issue 1	Issued: April 1986
TR-NWT-000335, Issue 3	Issued: May 1993
TR-NWT-000341, Issue 2	Issued: February 1993
TR-NWT-001112, Issue 1	Issued: June 1993

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REFERENCE TO OTHER PUBLICATIONS (Cont'd)

(T)

Technical Reference: (Cont'd)

TR-TSV-000772, Issue 1	Issued: May 1991	(T)(y)
TR-TSV-000773, Issue 1	Issued: June 1991	(T)(a)
TR-TSV-001239, Issue 1	Issued: December 1993	(T)(a)
TR-TSV-061370, Issue 1	Issued: May 1998	(M)(a)
TR-TSY-000366, Issue 2	Issued: March 1988	(M)(y)

The following technical publications are referenced in this tariff and may be obtained from Telcordia Routing Administration, 8 Corporate Place PYA 3N-141, Piscataway, NJ 08854-4156, 1(866) 672-4156.

(y)
(y)
(y)Technical Reference:

(y)

The Local Exchange Routing Guide (LERG), Issued: August 1, 2009, and as issued from time to time

(T)(y)
(y)

The following publication, referenced in this tariff, may be obtained from ATM Forum, 2570 West El Camino Real, Suite 304, Mountain View CA 94040 or on the Internet at www.atmforum.com.

(N)
(N)
(N)

ATM Forum, ATM User Network Interface Specifications, Version 3.0
af-uni-0010.001
Issued: September 1993

(N)
(N)
(N)

ATM Forum, ATM User Network Interface Specifications, Version 3.1
af-uni-0010.002
Issued: September 1994

(N)
(N)
(N)

ATM Forum, Interim Inter-switch Signaling Protocol, Version 1.0
af-pnni-0026.000
Issued: December 1994

(N)
(N)
(N)

(y) Material previously appeared on 4th Revised Page 42.
(a) Material previously appeared on 7th Revised Page 43.

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REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following publications are referenced in this tariff and may be obtained from the Government Printing Office, Superintendent of Documents, Document Control Branch, 941 N. Capitol St., N.E., Washington, D.C. 20401.

Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook, National Communications System (NCS) H 3-1-2
Issued: December 2000

Telecommunication Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service User Manual, National Communications System (NCS) M 3-1-1
Issued: May 2000

The following technical publication is referenced in this tariff and may be obtained from the National Exchange Carrier Association, Inc., 80 S. Jefferson Road, Whippany, NJ 07981-1009 or on the Internet at www.neca.org.

PUB AS No. 1, Issue II
Issued: May 1984

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The following publications, referenced in this tariff, may be obtained from the International Telecommunications Union (ITU), Place des Nations, CH-1211, Geneva 20, Switzerland or on the Internet at www.itu.int.net.

ITU-T G.707/Y.1322

Issued: January 2007

ITU-T G.959.1

Issued: December 2003

ITU-T G.692

Issued: October 1998 and Amendment
1 dated January 2005

ITU-T H.320 series Standards for Audio Visual Communications over
Narrowband Digital Networks

Issued: March 2004

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Issued: May 7, 2010

Effective: May 22, 2010

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REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following publications are referenced in this tariff and may be obtained from Verizon Carrier Services, 1320 N. Court House Road, Arlington, VA 22201.

Verizon Schedule of Standard Intervals

Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1	Issued: December 1990
Supplement	Issued: August 1992

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The following publications are referenced in this tariff and may be obtained from Alliance for Telecommunications Industry Solutions (ATIS), 1200 G Street, NW, Suite 500, Washington, DC 20005 or on the Internet at www.atis.org/obf.

Multiple Exchange Carrier Access Billing Guidelines (MECAB)	
ATIS/OBF-MECAB 009, Issue 9	Issued: January 2007

Multiple Exchange Carrier Ordering and Design Guidelines (MECOD)	
ATIS-0404120-0007, Issue 7	Issued: April 2009

The following publication, referenced in this tariff, may be obtained from National Fire Protection Association, 1 Battery March Park, Quincy, MA 02169-7471, or in electronic format on the Internet at www.nfpa.org.

National Electrical Code, NFPA 70 2008 Edition, Issued: August 2008

The following publication is referenced in this tariff and may be obtained from the United States Department of Labor, Publication Distribution, 200 Constitution Avenue, N.W., Washington, D.C. 20210 or on the Internet at www.osha.gov.

Occupational Safety and Health Act, Issued: December 1970 and as amended through January 2004

(Issued under Transmittal No. 1086)

Issued: May 7, 2010

Effective: May 22, 2010

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

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REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following publications are referenced in this tariff and may be obtained from Collocated Interconnection Major Project Team Coordinator:

- 540 Broad Street, Newark, NJ 07101;
- One Parkway, Philadelphia, PA 19102;
- 911 Tatnall Street, Wilmington, DE 19801;
- One East Pratt St., Baltimore, MD 21202;
- 1710 H St., NW, Washington D.C. 20006;
- 600 East Main Street, Richmond, VA 23219;
- 1500 MacCorkle Ave., S.E., Charleston, WV 25314; or
- from Verizon Wholesale Markets Group, 2980 Fairview Park Dr, 10th Floor, Falls Church, VA 22042.

Verizon Information Pub. IP 72201, Issue 1A	Issued: November 2003	
Verizon Information Pub. IP 72013, Issue 6	Issued: April 2008	(T)
Cable Splicing Handbook	Issued: December 1991	
Cable Placing Handbook	Issued: December 1991	
Cable Maintenance Handbook	Issued: December 1991	
General Information Tools & Safety Manual	Issued: December 1992	
Building Owners and Managers Association International Standards (BOMA)	Issued: December 1992	

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Issued: May 7, 2010

Effective: May 22, 2010

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REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following publications are referenced in this tariff and may be obtained from the American National Standards Institute (ANSI), 25 West 43rd Street, 4th Floor, New York, New York 10036, or on the Internet at www.ansi.org.

ANSI T1.101	Issued: 1994
ANSI T1.102-1993 (R2005)	Issued: 2005
ANSI T1.102.01-1996 (R2001)	Issued: 2001
ANSI T1.105.01-2000 (R2005)	Issued: 2005

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ANSI T1.107-2002 (R2006)	Issued: 2006
ANSI T1.403-1999 (R2007)	Issued: 2007
ANSI T1.404-2002 (R2006)	Issued: 2006
ANSI T1.606-1990	Issued: 1990
ANSI T1.606, Addendum 1	Issued: 1991
ANSI T1.606a-1992	Issued: 1992
ANSI T1.606b-1993	Issued: 1993
ATIS T1.617-1991	Issued: 1992
ANSI INCITS 139-1987 (R2002)	Issued: 2002
ANSI INCITS 148-1988 (R2004)	Issued: 2004
ANSI INCITS 166-1989 (R2005)	Issued: 2005
ANSI INCITS 184-1993 (R2003)	Issued: 2003
ANSI INCITS 229-1994 (R2004)	Issued: 2004
ANSI INCITS 296-1997 (R2007)	Issued: 2007
ANSI INCITS 303-1998 (R2003)	Issued: 2003

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REFERENCE TO TECHNICAL PUBLICATIONS AND INFORMATION PUBLICATIONS (Cont'd)

The following publications are referenced in this tariff and may be obtained (T)
from Institute of Electrical and Electronics Engineers, Inc., IEEE Standards (T)
Association, 445 Hoes Lane, P.O. Box 1331, Piscataway, NJ 08855-1331, or in (T)
electronic format on the Internet at www.ieee.org. (T)

IEEE C95.1-2005	Issued: 2005	(N)
IEEE 802.3-2005/Cor2/D2.0-2007	Issued: 2007	(C)(x)
IEEE 802.3u-1995	Issued: 1995	(C)(x)
IEEE 802.3z-1998	Issued: 1998	(C)(x)
IEEE 802.1Q-2005/Cor1-2008	Issued: 2008	(C)(x)
IEEE 802.3ae-2002	Issued: 2002	(C)(x)

The following publications are referenced in this tariff and may be obtained
from the Society of Motion Picture and Television Engineers (SMPTE), 3 Barker
Avenue, 5th Floor, White Plains, NY 10601, Telephone No. 914 761-1100, or on
the Internet at www.smpte.org.

SMPTE 0259M-2008	Issued: 2008	(C)(x)
SMPTE 0292M-2001	Issued: 2001	(C)(x)
SMPTE 0310M-2004	Issued: 2004	(C)(x)

The following publication, referenced in this tariff, may be obtained from
the Verizon Telecommunications, 600 Hidden Ridge, MC-E03L08, Irving, TX
75038.

Technical Memorandum for Incidental InterLATA Call Management Signaling Service associated with the Verizon FCC Short Term Notice of Network Change dated March 2007	Issued: March 2007
--	--------------------

- (x) IEEE 802.1Q-2005 replaces IEEE 802.1Q in its entirety.
IEEE 802.3-2005/Cor2/D2.0-2007 replaces IEEE 802.3.
IEEE 802.3z has been incorporated into IEEE 802.3-2005.
IEEE 802.3u has been incorporated into IEEE 802.3-2005.
IEEE 802.3ae-2002 replaces IEEE802.3ae in its entirety.
SMPTE 0259M-2008 replaces SMPTE-259M.
SMPTE 0292M-2001 replaces SMPTE 292M.
SMPTE 0310M-2001 replaces SMPTE 310M.

Certain material previously appearing on this page currently appears on
Original Pages 45.1 and 45.2

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REFERENCE TO OTHER PUBLICATIONS (Cont'd) (T)

The following publication is referenced in this tariff and may be obtained from the Internet Engineering Task Force (IETF) at IETF Secretariat, c/o Association Management Solutions, LLC (AMS), 48377 Fremont Blvd., Suite 117, Fremont, California 94538, or on the Internet at www.ietf.org. (T)

STD 0001: Internet Official Protocol Standards, J Postel, Editor, Issued: May 2008. (T)

RFC 2138, Remote Authentication Dial-In User Service (RADIUS); C Rigney, A. Rubens, W. Simpson, S. Willens, Issued: April 1997. (T)

(D)

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Certain material previously found on this page can now be found on 2nd Revised Page 44.

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Vice President, Federal Regulatory (T)
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REFERENCE TO OTHER PUBLICATIONS (Cont'd) (T)

The following publications referenced in this tariff may be obtained from IBM North America, 590 Madison Avenue, New York, NY 10022; 1-800-426-4968 or on the Internet at www.ibm.com/us. Note: ESCON® is a registered trademark of the International Business Machines (IBM) Corporation. (T)

Coupling Facility Channel Physical Layer (Sixth Edition)	(C)(x)
SA23-0395-05 Issued: July 2008	(C)(x)
Enterprise Systems Architecture/390 ESCON I/O Interface, Physical Layer (Seventh Edition)	(C)(x)
SA23-0394-06 Issued: July 2008	(C)(x)
ESA/390 ESCON I/O Interface	(T)
SA22-7202-02 Issued: June 2002	(T)
ESCON® Introduction	(T)
GA23-0383-01 Issued: July 2002	(T)
S/390 Time Management and IBM 9037 Sysplex Timer	(T)
SG24-2070-00 Issued: May 1999	(C)(x)
Planning Fiber Optic Channel Links (Thirteenth Edition)	(C)(x)
GA23-0367-12 Issued: July 2009	(C)(x)
OS/390 Parallel Sysplex Configuration Volume 2: Cookbook	(C)(x)
SG24-5638-00 Issued: August 2000	(C)(x)

The following publications, referenced in this tariff, may be obtained from the Advanced Television Systems Committee (ATSC), 1750 K Street NW, Suite 1200, Washington, DC 20006 or on the Internet at www.atsc.org. (T)

ATSC Standard A/53, Digital Television Standard	(T)
Issued: January 2007	(T)
ATSC Document A/54A (includes Corrigendum No. 1),	(C)(x)
Guide to the Use of ATSC Digital Television Standard	(T)
Issued: December 2003, Corrigendum No. 1 Issued December 2006	(T)

The Collocation Space Summary, which is referenced in this tariff, may be obtained from the Telephone Company's Internet website at www22.verizon.com/wholesale/clecsupport/content/0,,east-wholesale-resources-res_site_summ,00.html. (T)

The following publication referenced in this tariff may be obtained from Nortel Networks, Inc., 4001 East Chapel Hill, Research Triangle Park, Raleigh, NC 27709, (919)991-8679 or on the Internet at www.nortel.com. (T)

Nortel Document No. Q214-1	(T)
Issued: September 2000	(T)

- (x) SA23-0395-05 replaces SA23-0394-00 in its entirety.
 SA23-0394-06 replaces SA23-0394-02 in its entirety.
 SG24-2070-00 replaces SG24-2070 in its entirety.
 GA23-0367-12 replaces GA23-0367-04 in its entirety.
 SG24-5638-00 replaces GA24-2076-00 in its entirety.
 ATSC Document A/54A replaces ATSC Document A/54 in its entirety.

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 1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

REFERENCE TO OTHER PUBLICATIONS (Cont'd)

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ACCESS SERVICE

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(D)

(D)

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

1. Application of Tariff

- 1.1 This tariff contains regulations, rates and charges applicable to the provision of Carrier Common Line, End User Access, Switched Access and Special Access Services, and other miscellaneous services, hereinafter referred to collectively as service(s), provided to customers by the following telephone companies of the Verizon Telephone Companies as issuing carriers: Verizon Pennsylvania LLC, Verizon New Jersey Inc., Verizon Delaware LLC, Verizon Washington, D.C. Inc., Verizon Maryland LLC, and Verizon Virginia LLC, hereinafter referred to as the Telephone Company. (T)
- 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 The operating territory of the Telephone Company is the entire state of Delaware and the locations set forth in 14. following for the states of Maryland, New Jersey, Pennsylvania, Virginia, and the District of Columbia.
- 1.4 References in this tariff to local general services tariffs constitute the referencing of any state jurisdiction tariff approved by a state regulatory commission, or its equivalent, for any of the issuing carriers mentioned in 1.1 above.
- 1.5 References in this tariff to Interstate Special Construction Tariffs refer to the following tariff as effective in their respective territories:
- | | | |
|----------------------|--|------------|
| Tariff F.C.C. NO. 21 | for Verizon Washington, D.C. Inc.,
Verizon Maryland LLC, Verizon Virginia
LLC, Verizon New Jersey Inc., Verizon
Pennsylvania LLC, and Verizon Delaware
LLC | (T)
(T) |
|----------------------|--|------------|

(Issued under Transmittal No. 1240)

Issued: May 24, 2013

Effective: June 8, 2013

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

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 services 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.

(This page filed under Transmittal No. 23)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.2 Limitations

- (A) The customer may not assign or transfer the use of services provided under this tariff; however, 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
 - (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 which 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) The regulations for the installation and restoration of Telecommunications Service Priority (TSP) System Services shall be subject to Part 64.401, Appendix A, of the Federal Communications Commissions Rules and Section 10, following.

(This page filed under Transmittal No. 23)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.2 Limitations (Cont'd)

- (C) 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.

(C)

(D)

(D)

2.1.3 Liability

- (A) 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, preemption, termination, maintenance, repair or restoration of service, and subject to the provisions of (B) through (H) 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.
- (B) 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) The Telephone Company shall not be liable for any act or omission concerning the implementation of Presubscription as set forth in 4.2 following unless it is due to the negligence of the Telephone Company.
- (D) 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.
- (E) 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:

(This page filed under Transmittal No. 1156)

Issued: August 10, 2011

Effective: August 25, 2011

Vice President, Federal Regulatory
1300 I Street, NW, Washington, DC 20005

(T)

(T)

ACCESS SERVICE

2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.3 Liability (Cont'd)

(E) (Cont'd)

- (1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the end user's own communications;
- (2) 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 user or IC or;
- (3) 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.

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

- (1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the IC's own communications;
- (2) Claims for patent infringement arising from the IC's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end user or IC or;
- (3) All other claims arising out of any act or omission of the IC in the course of using services provided pursuant to this tariff.

(G) 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.

(This page filed under Transmittal No. 23)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.3 Liability (Cont'd)

- (H) 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.
- (I) 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 Service Interruptions as set forth in Section 2.7.1.1 and When a Credit Allowance Does Not Apply as set forth in Section 2.7.4(B) following. (T)
|
(T)

(This page filed under Transmittal No. 853)

Issued: September 6, 2007

Effective: September 21, 2007

Vice President, Federal Regulatory
1300 I Street, NW, Washington, DC 20005

(T)
(T)

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, 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, will provide to the customer upon reasonable notice services offered in other applicable sections of this tariff at rates and charges specified therein.

2.1.5 Installation and Termination of Services

The Access Services provided under this tariff (A) 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 of mutual agreement inside a customer-designated premises and (B) will be installed by the Telephone Company to such Point of Termination. Access Service has only one Point of Termination per customer premises. Any additional terminations beyond such Point of Termination is the sole responsibility of the customer. The Point of Termination is an inherent part of Switched and Special Access Services, therefore, the preceding does not preclude the customer's ability to have the Point of Termination moved as set forth in 6.8.7 and 7.4.5 following for Switched and Special Access Services, respectively.

2.1.6 Maintenance of Services

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.

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(o), the Telephone Company may, where such action is reasonably required in the operation of its business, (A) substitute, change or rearrange any facilities used in providing service under this tariff, including but not limited to, (1) substitution of different metallic facilities, (2) substitution of carrier or derived facilities for metallic facilities used to provide other than metallic facilities and (3) substitution of

(This page filed under Transmittal No. 23)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.7 Changes and Substitutions (Cont'd)

metallic facilities for carrier or derived facilities used to provide other than metallic facilities, (B) change minimum protection criteria, (C) change operating or maintenance characteristics of facilities or (D) change 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 6. and 7. 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 requirements.

2.1.8 Refusal and Discontinuance of Service

- (A) Unless the provisions of 2.2.1(B) or 2.5 following apply, if a customer fails to comply with 2.1.6 preceding or 2.2.2, 2.3.1, 2.3.4, 2.3.5 or 2.4 following, including any payments to be made by it on the dates and times herein 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, refuse additional applications for service, including the provision of Physically or Virtually Collocated Interconnection, and/or refuse to complete any pending orders for service, including the provision of Physically or Virtually Collocated Interconnection, by the noncomplying customer at any time thereafter.

(C)
(C)

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(D)

Certain material formerly appearing on this page currently appears on Page No. 2-9.1.

(Issued under Transmittal No. 296)

Issued: February 28, 2003

Effective: March 15, 2003

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

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)

(D)

(D)

(B) Unless the provisions of 2.2.1(B) or 2.5 following apply, if a customer fails to comply with 2.1.6 preceding or 2.2.2, 2.3.1, 2.3.4, 2.3.5 or 2.4 following, including any payments to be made by it on the dates and times herein 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, discontinue the provision of the services, including the provision of Physically or Virtually Collocated Interconnection, to the noncomplying customer at any time thereafter. In the case of such discontinuance, all applicable charges, including termination charges, shall become due.

(M)

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(C)

(M) Certain material currently appearing on this page formerly appeared on Page No. 2-9.

(Issued under Transmittal No. 296)

Issued: February 28, 2003

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

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)

(C) In addition to and not in limitation of the provisions of 2.1.8(A) and 2.1.8(B) preceding, unless the provisions of 2.2.1(B) or 2.5 following apply, if a customer fails to comply with 2.4.1(B)(3) or with 2.4.1(A) following, including any payments to be made by it on the dates and times herein specified, the Telephone Company may take the actions specified in 2.1.8(A) and 2.1.8(B) with regard to (C) services provided hereunder to that customer on fifteen (15) calendar days written notice, such notice period to start the day after the notice is sent by Overnight Delivery, if the customer has not complied with respect to (C) amounts due in a subject bill and either (C)

(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.

In all other cases, the Telephone Company will give thirty (30) calendar days written notice pursuant to 2.1.8(A) or 2.1.8(B). The Telephone Company will maintain records sufficient to validate the date upon which a bill was sent to a customer. Action will not be taken as specified in 2.1.8(A) or 2.1.8(B) with regard to the subject bill if the customer cures the noncompliance prior to the expiration of the fifteen (15) or thirty (30) day notice period, as applicable. (C)

(D) If the Telephone Company provided notice pursuant to 2.1.8(A), (B), or (C) above, does not refuse additional applications for service, or discontinue the provision of the services on the date specified, and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to refuse additional applications for service or to discontinue the provision of the services, including the provision of Physically or Virtually Collocated Interconnection, to the noncomplying customer without further notice.

(E) If notice is given by Overnight Delivery under this section, 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.

(Issued under Transmittal No. 320)

Issued: May 9, 2003

Effective: May 24, 2003

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

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) The provisions of 2.1.8(A), (B), and (C) above shall not apply to charges that a customer does not pay based on submission of a good faith dispute pursuant to 2.4.1(B)(3)(c)(1) following. (N)
- (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)
(M)

(M) Certain material currently appearing on this page formerly appeared on Page No. 2-9.

(Issued under Transmittal No. 296)

Issued: February 28, 2003

Effective: March 15, 2003

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)

(x)

2.1.9 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.

2.1.10 Notification of Service-Affecting Activities

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

2.1.11 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.

2.1.12 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 months notice, by Certified U.S. Mail, of the effective date and an explanation of the reason(s) for such change(s).

(x)

(x) Reinstating material previously found on Original Page 2-10 that was inadvertently omitted from 1st Revised Page 2-10 under Transmittal No. 1037. Material previously found on 1st Revised Page 2-10 appears on 6th Revised Page 2-55.9.

(Issued under Transmittal No. 1118)

Issued: November 15, 2010

Effective: November 30, 2010

Vice President, Federal Regulatory
1300 I Street, NW, Washington, DC 20005

ACCESS SERVICE

2. General Regulations (Cont'd)2.2 Use2.2.1 Interference or Impairment

- (A) 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.
- (B) Except as provided for equipment or systems subject to the FCC Part 68 Rules in 47 C.F.R., Section 68.108, if such characteristics or methods of operation are not in accordance with (A) preceding, 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, nothing contained herein shall be deemed to preclude the Telephone Company's right to temporarily discontinue forthwith the use of a service if such action is reasonable under the circumstances. In case of such temporary discontinuance, the customer will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. During such period of temporary discontinuance, credit allowances as set forth in Section 2.7 following are not applicable. (T)
(T)

2.2.2 Unlawful Use

The service provided under this tariff shall not be used for an unlawful purpose.

(This page filed under Transmittal No. 853)

Issued: September 6, 2007

Effective: September 21, 2007

Vice President, Federal Regulatory
1300 I Street, NW, Washington, DC 20005

ACCESS SERVICE

2. General Regulations (Cont'd)2.2 Use (Cont'd)2.2.3 Commingling

Except as provided in Section 51.318 of the Federal Communications Commission's rules, telecommunications carriers who obtain unbundled network elements or combinations of unbundled network elements pursuant to a Statement of Generally Available Terms, under Section 252 of the Act, or pursuant to an interconnection agreement with the Telephone Company, may connect, combine, or otherwise attach such unbundled network elements or combinations of unbundled network elements to access services purchased under this tariff except to the extent such agreement (1) expressly prohibits such commingling; or (2) does not address commingling and the requesting carrier has not negotiated an interconnection agreement (or amendment) expressly permitting such commingling. The rates, terms, and conditions of this tariff will apply to the access services that are commingled. Unbundled network elements or combinations of unbundled network elements that are commingled with access services do not constitute a shared use arrangement as set forth in this tariff, and are therefore not eligible for adjustment of charges under such provisions.

(N)

(N)

(Issued under Transmittal No. 367)

Issued: October 2, 2003

Effective: October 17, 2003

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer2.3.1 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 following the request in as good condition as reasonable wear will permit.

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 services.

(x)

(x)

(x) Material withdrawn under authority of Special Permission No. 03-014 of the Federal Communications Commission.

(This page filed under Transmittal No. 288)

Issued: January 30, 2003

Effective: February 1, 2003

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.3 Equipment Space and Power (Cont'd)

(x)

(x)

2.3.4 Availability for Testing

The services provided 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. No credit will be allowed for any interruptions involved during such tests and adjustments.

2.3.5 Balance

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

(x) Material withdrawn under authority of Special Permission No. 03-014 of the Federal Communications Commission.

(This page filed under Transmittal No. 288)

Issued: January 30, 2003

Effective: February 1, 2003

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.6 Design of Customer Services

Subject to the provisions of 2.1.7 preceding, 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.

2.3.7 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.

2.3.8 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 or 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, Workmen'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

(This page filed under Transmittal No. 23)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.8 Claims and Demands for Damages (Cont'd)

(B) (Cont'd)

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 or omission of the customer in the course of using service provided under this tariff.

2.3.9 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.

Certain material formerly appearing on this page now appears on Page No. 2-15.2.

(Issued under Transmittal No. 269)

Issued: December 10, 2002

Effective: December 25, 2002

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.10 Jurisdictional Report Requirements (Cont'd)(A) Jurisdictional Reports

For purposes of determining the jurisdiction of Switched Access Services, the regulations set forth in (A) through (D) apply.

(1) Percent Interstate Usage (PIU)

- (a) 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 customer reported Percent Interstate Usage (PIU) factors for the jurisdiction of those minutes of use.

(T)(x)
(M)

The Telephone Company will apply the PIU factor provided by the customer as set forth in (A)(1)(b) only to minutes of use for which the Telephone Company does not have sufficient call detail to determine jurisdiction. The customer-provided PIU factor will be used until the customer provides an updated PIU factor as set forth in (C)(1) following. No prorating or back billing will be done based on the updated report.

(M)
(C)
(C)
(M)
(M)
(T)
(M)
(M)(x)

(x) Certain material on this page formerly appeared on 3rd Revised Page 2-15.2.

Certain material previously found on this page can now be found on 4th Revised Page 2-17.

(Issued under Transmittal No. 815)

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Effective: June 15, 2007

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 Jurisdictional Report Requirements (Cont'd)

(A) Jurisdictional Reports (Cont'd)

(1) Percent Interstate Usage (PIU) (Cont'd)

(D)(x)

(D)(x)

(b) When the customer initially orders Switched Access Service(s) the customer will state in its order (Access Service Request) a PIU factor. This factor will be used by the Telephone Company as the customer-provided PIU factor until the customer provides an updated PIU factor as required in (C)(1)

(T)(x)
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(T)
(M)
(M)
(T)
(T)(x)

Certain material previously found on this page can now be found on 3rd Revised Page 2-15.1.

(x) Certain material on this page formerly appeared on 3rd Revised Pages 2-16 and 2-16.1.

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ACCESS SERVICE

2. General Regulations (Cont'd)
 2.3 Obligations of the Customer (Cont'd)
 2.3.10 Jurisdictional Report Requirements (Cont'd)
 (A) Jurisdictional Reports (Cont'd)
 (1) Percent Interstate Usage (PIU) (Cont'd)
 (b) (Cont'd)

following. The customer has the option to provide the Telephone Company with both an originating and a terminating PIU factor based upon either the Billing Account Number or the state from which the customer may originate and/or terminate traffic. Separate PIU factors will be applied for each service listed below.

- Lineside BSA (Notes 1,2,3)
- Feature Group A (Notes 1,2,3)
- Feature Group A FX/ONAL (Notes 2,3)
- Trunkside BSA-950 Option (Notes 1,2,3) (D)
- Trunkside BSA-101XXXX Option (Notes 2,3) (Z)
- Feature Group B (Notes 2,3) (D)
- Feature Group D (Notes 2,3)
- 500 Access Services (Note 3)
- 700 Access Services (Note 3)
- Toll Free Services (Notes 2,3, 5)
- 900 Access Services (Note 3)
- Directory Assistance Service (Note 4)

Note 1: Services that do not have recording capability will be designated as interstate services.

Note 2: The PIU factors will apply to all associated elements and services, e.g., Carrier Common Line, Local Switching, Tandem Switched Transport, Host/Remote Transport, Access Tandem Switching, Shared End Office Trunk Port service and Transport Multiplexing, where applicable.

Note 3: The PIU factor for Switched Access services must be provided by the customer of record for Tandem Switching when used in conjunction with Collocated Interconnection Services, as described in Section 19.

Note 4: The customer shall provide a PIU factor for each Directory access service group ordered.

Note 5: "Toll Free" service includes any access service that utilizes the following NPAs: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.10 Jurisdictional Report Requirements (Cont'd)(A) Jurisdictional Reports (Cont'd)(1) Percent Interstate Usage (PIU) (Cont'd)

(b) (Cont'd)

When the customer provides PIU factors, the Company will subtract the developed PIU factor from 100 and the difference is the percent intrastate usage. The sum of the interstate and intrastate percentages will equal 100 percent. The customer may only provide a PIU factor that is a whole number (a number from 0 to 100).

For multiline hunt group or trunk group arrangements where either the interstate or the intrastate charges are based on measured usage, the interstate Lineside BSA, Trunkside BSA-950 Option, Feature Group A and/or Feature Group B Switched Access Service(s) information reported as set forth above will be used to determine the charges. For all groups, the number of access minutes for a group will be multiplied by the PIU factor 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 the developed intrastate access minutes. (D)

If a state level PIU factor is provided by the customer, the percentage will be applied to all accounts from which the customer may originate traffic within the state.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.10 Jurisdictional Report Requirements (Cont'd)(A) Jurisdictional Reports (Cont'd)(1) Percent Interstate Usage (PIU) (Cont'd)

- (c) For purposes of developing the projected interstate percentage for Feature Group D (or Trunkside BSA-101XXXX Option), 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. (D) (Z)

For Feature Group A (or Lineside BSA) and Feature Group B (or Trunkside BSA-950 Option), pursuant to Federal Communications Commission Order FCC 85-145 adopted 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 is situated is an intrastate communication and every call that enters a customer's network at a point in a state other than that where the called station is situated is an interstate communication.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.10 Jurisdictional Report Requirements (Cont'd)(A) Jurisdictional Reports (Cont'd)(2) Switched Access Service Entrance Facilities, Direct-Trunked Transport Facilities, and Dedicated End Office and Access Tandem Trunk Ports

The Telephone Company will develop a PIU factor to apply to Switched Access Service Entrance Facilities, Direct Trunked Transport Facilities, and Dedicated End Office and Access Tandem Trunk Ports when sufficient call detail exists. The Telephone Company will apply the PIU factor provided by the customer as set forth in 2.3.10(A)(1)(b) only when the Telephone Company does not have sufficient data to develop a PIU factor.

(N)

(N)

Customers may provide PIU factors and jurisdictional reports, at Billing Account Number or state level, for Switched Access Entrance Facilities, Direct-Trunked Transport Facilities, and Dedicated End Office and Access Tandem Trunk Ports ordered pursuant to this tariff, reflecting all Switched Access services using these facilities as set forth in (a) and (b) following.

(C)

(C)

(T)

(a) Entrance Facilities and Direct Trunked Transport Facilities

(1) The customer may provide a separate PIU factor that will apply to both the Entrance Facilities and the Direct Trunked portion of the facility account. These PIU factors should account for the originating and terminating traffic of all services using these facilities.

(T)

(2) Reserved for future use

(C)

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(D)

(3) If a customer is providing or sharing a facility with other carriers, the PIU for the Entrance Facilities and Direct Trunked Transport portion of the facility account may be developed using multiple PIU factors. In this situation, the calculation to determine the facility PIU factor must be provided with the quarterly jurisdictional report.

(T)

(T)

(T)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.10 Jurisdictional Report Requirements (Cont'd)(A) Jurisdictional Reports (Cont'd)(2) Switched Access Service Entrance Facilities, Direct-Trunked Transport Facilities, and Dedicated End Office and Access Tandem Trunk Ports (Cont'd)(b) Dedicated End Office and Access Tandem Trunk Ports

In addition to the report requirements set forth in (A)(1) and (A)(2)(a) preceding and (C)(1) following, the customer may provide a PIU factor in a whole number for Dedicated End Office or Access Tandem Trunk Ports, using a single PIU factor per state or Billing Account Number. For the initial establishment of Switched Access Service, the Telephone Company will utilize the customer-provided PIU factor reported on the customer's Access Service Request as the PIU factor for Dedicated End Office and Access Tandem Trunk Ports. These PIU factors will be used in determining the monthly rates to be applied for the Dedicated Trunk Ports as set forth in Section 2.3.11(A) following.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.10 Jurisdictional Report Requirements (Cont'd)(B) Maintenance of Customer Records

The customer shall retain for a minimum of six months call detail records that substantiate the interstate percent provided to the Telephone Company as set forth in (A) preceding for Switched Access Service. Such records shall consist of (1) and (2) following, if applicable:

- (1) All call detail records such as work papers and/or backup documentation including paper 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; (D)
- (2) If the customer has a mechanized system in place that calculated the PIU factor, then a description of that system and the methodology used to calculate the PIU factor 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.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.10 Jurisdictional Report Requirements (Cont'd)(C) Report Updates

Customer-provided PIU factors that are updated as set forth following will be applied only in the event that the Telephone Company does not have sufficient call detail to permit it to determine jurisdiction.

(N)
|
(N)

- (1) Effective on the first of January, April, July and October of each year the customer shall update the interstate and intrastate jurisdictional report. The customer shall forward to the Telephone Company, to be received no later than 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. Except where the Telephone Company has sufficient call detail to permit it to determine jurisdiction, the revised report will serve as the basis for the next three months billing and will be effective on the bill date for that service. No prorating or back billing will be done based on the report. If the customer does not supply the reports for those services where reports are needed, the Telephone Company will assume the customer-provided percentages to be the same as those provided previously. For those cases in which a quarterly report has never been received from the customer, the Telephone Company will assume the customer-provided percentages to be the same as those provided in the order for service as set forth in (A)(1)(b) preceding.

(T)
(T)

(T)

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(T)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.10 Jurisdictional Report Requirements (Cont'd)(D) Mixed Use Special Access Services

(N)

A Mixed Use Special Access Service is a Special Access Service (line) which carries both intrastate and interstate traffic.

- (1) When the customer orders a Mixed Use Special Access Service (line) which is entirely or partially physically intrastate, the customer must certify to the Telephone Company whether the physically intrastate portion of the service (line) is considered to be jurisdictionally intrastate or jurisdictionally interstate as follows:
 - (a) If the customer estimates that the interstate Special Access traffic on the service (line) involved constitutes ten percent or less of the total traffic on the service (line), the service (line) is considered to be jurisdictionally intrastate and will be provided in accordance with the applicable rates and regulations of the appropriate intrastate tariff.
 - (b) If the customer estimates that the interstate Special Access traffic on the service (line) involved constitutes more than ten percent of the total traffic on the service (line), the service (line) is considered to be jurisdictionally interstate and will be provided in accordance with the applicable rates and regulations in this tariff.
- (2) The customer may, at any time, update the jurisdictional report. The customer shall forward to the Telephone Company a revised report showing any change in jurisdiction. The revised report will serve as the basis for future billing and will be effective on the next business day following the receipt of the revised report. No back billing will be done based on the report.
- (3) Existing customers of Special Access Services (lines) as of the implementation date of the Decision and Order in CC Docket Nos. 78-72 and 80-286, adopted June 29, 1989 and released July 20, 1989, i.e., May 15, 1990, are required to certify the jurisdiction of their services (lines).

(N)

Certain material formerly appearing on this page currently appears on Page No. 2-18.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.10 Jurisdictional Report Requirements (Cont'd)(E) Jurisdictional Reports Verification

(S)

If a billing dispute arises or a regulatory commission questions the projected PIU factor, the Telephone Company will ask the customer to provide the data the customer uses to determine the projected PIU factor. The customer shall supply the data within 30 days of the Telephone Company request.

(S)

The customer shall keep records of call detail from which the percentage of interstate and intrastate use can be ascertained and upon request of the Telephone Company make the records available for inspection as reasonably necessary for purposes of verification of the percentages. No more than one audit can be conducted or requested by the Telephone Company per year, except in extreme circumstances. This inspection will be conducted, by an independent auditing firm if the Telephone Company and the customer, or the customer alone, is willing to pay the expense.

(S)

(x)

(x)

(S) Reissued material originally filed under Transmittal No. 269 and scheduled to become effective December 25, 2002.

(x) Withdrawn under authority of Special Permission No. 02-154 of the Federal Communications Commission.

(Issued under Transmittal No. 276)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 Jurisdictional Report Requirements (Cont'd)

(F) Special Access Jurisdictional Verification

(T)

If a billing dispute arises or a regulatory commission questions the projected PIU factor, the Telephone Company will ask the customer to provide the data the customer uses to determine the certified interstate percentage. The customer shall supply the data within 30 days of the Telephone Company request.

The customer shall keep records of system design and functions from which the percentage was determined, and upon request of the Telephone Company make the records available for inspection as reasonably necessary for purposes of verification of the percentages.

Certain material formerly appearing on this page currently appears on Page No. 2-22.1.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

(x)

(x)

(x) Filed under authority of Special Permission No. 02-141 of the Federal Communications Commission to reinstate regulations currently in effect.

(This page filed under Transmittal No. 265)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

(x)

(x)

Certain material formerly appearing on this page currently appears on Page No. 2-23.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.11 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 percentage provided in the reports as set forth in 2.3.10(A) preceding will serve as the basis for prorating the charges unless the Telephone Company is billing according to actuals by jurisdiction. The percentage of an Access Service to be charged as interstate is applied in the following manner:

- (A) 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.
- (B) For usage sensitive (i.e., access minutes and calls) chargeable rate elements, multiply the percent interstate use times actual use (i.e., measured use) times the stated tariff rate. (D)

The interstate percentage will change as revised usage reports are submitted as set forth in 2.3.10 preceding, unless the Telephone Company is billing according to actuals by jurisdiction.

2.3.12 Determination of Jurisdiction of Mixed Use Special Access Service

When new mixed interstate and intrastate Special Access Service is provided, the customer will provide with the access order to the company an estimate of whether the interstate traffic will comprise more than 10%, or less than 10% of total traffic. For existing services, the customer is required to certify the jurisdiction of their service.

- If the customer's estimate of the interstate traffic on the service involved constitutes 10% or less of the total traffic on that service, the service will be provided in accordance with the applicable rules and regulations of the appropriate intrastate tariff.

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(T)
(T)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.12 Determination of Jurisdiction of Mixed Use Special Access Service (Cont'd)

- If the customer's estimate of the interstate traffic on the service involved constitutes more than 10% of the total traffic on that service, the service will be provided in accordance with the applicable rules and regulations of this Tariff.

(D)

(D)

2.3.13 Voice Over Internet Protocol - Public Switched Telephone Network Traffic

This section applies to Voice over Internet Protocol - Public Switched Telephone Network (VOIP-PSTN) traffic that is exchanged in time division multiplexing format between the Telephone Company and the customer that originates and/or terminates in Internet Protocol format.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements2.4.1 Payment of Rates, Charges and Deposits

- (A) The Telephone Company will, in order to safeguard its interests, only require a customer which has a proven history of late payments to the Telephone Company or does not have established credit, to make a deposit prior to or at any time after the provision of a service to the customer to be held by the Telephone Company as a guarantee of the payment of rates and charges. The Telephone Company will notify the customer of a deposit requirement by Overnight Delivery. 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 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 unless this successor is one with a proven history of late payments to the Telephone Company or does not have established credit. Such deposit may not exceed the actual or estimated rates and charges for the service for a two month period. 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 will remain will be refunded.

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 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 rate as that set forth in (B)(3)(b) following. The rate will be 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.

(C)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

(T)

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

(A) (Cont'd)

(Issued under Transmittal No. 853)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

(T)

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

(A) (Cont'd)

(Issued under Transmittal No. 853)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

(T)

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

(A) (Cont'd)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements (Cont'd)

(T)

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

- (B) 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, including, but not limited to, Maintenance of Service as set forth in 13.3.1 following, 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.

In addition, Physical, SCOPE, and Virtual Collocated Interconnection Service rates set forth in Section 19 following may be billed over a twelve month period in twelve monthly installments. The following applies to installment billing plans for Collocated Interconnection:

- The Collocator must request installment billing with its application to establish, or augment, a Collocated Interconnection arrangement.
- The Collocator may elect to pay any unbilled charges before the expiration of the installment plan.
- More than one installment plan may be in effect for the same Collocator at the same time.
- If the Collocator disconnects service before the expiration of the plan period, all unbilled charges will be included in the next bill rendered.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements (Cont'd)2.4.1 Payment of Rates, Charges and Deposits (Cont'd)
(B) (Cont'd)

The bill day (i.e., the billing date of a bill for a customer for Access Service under this tariff), the period of service each bill covers and the payment date will be as follows:

- (1) For End User Access Service and Presubscription, including FUSF, that are billed to the end user of the local exchange services, the Telephone Company will establish a bill day each month for each end user account. Presubscribed Interexchange Carrier Charges (PICCs) will be billed on a monthly basis as set forth in Section 4.1.7 following. The Telephone Company will update its PICC information once a month. No prorating will be done in connection with PICC billing. The bill will cover End User Access Service charges for the ensuing billing period except for End User Access Service for the Federal Government which will be billed in arrears. Any applicable Presubscription Charges, any known unbilled charges for prior periods and any known unbilled adjustments for prior periods for End User Access Service and Presubscription Service, including FUSF, will be applied to this bill. Such bills are due when rendered.
- (S)(x)
| |
(S)(x)
- (S)(x)
- (D)
|
(D)
- (2) For Services other than those described in (1) preceding, the Telephone Company will establish a bill day each month for each customer account. 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 as set forth in (3) following. If payment is not received by the payment date, as set forth in (3) following in immediately available funds, a late payment penalty will apply as set forth in (3) following.
- (S)(x)
| |
(S)(x)

(x) Reissued material scheduled to become effective January 3, 2019 under Transmittal No. 1387.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements (Cont'd)2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) (Cont'd)

- (3) (a) All bills dated as set forth in (2) preceding for service provided to the customer by the 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 such payment date would cause payment to be due on a Saturday, Sunday or Holiday (i.e., New Year's Day, Independence Day, Labor Day, Election Day, Thanksgiving Day, Christmas Day, and a day when Washington's Birthday, Memorial Day or Columbus Day is legally observed), payment for such bills will be due from the customer as follows:

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

- (b) Further, if any portion of the payment is received by the Telephone Company after the payment date as set forth in (a) preceding, or if any portion of the 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 portion of the payment not received by the payment date times a late factor. The late factor shall be

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements (Cont'd)2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) (Cont'd)

(3) (Cont'd)

(b) (Cont'd)

(D)

(D)

0.0005 per day, 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.

(C)

(c) Billing Disputes

(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, by accessing the Telephone Company website also shown on the customer's bill. Such claim must identify in detail the basis for the dispute, and if the customer withholds 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.

(2) The date of the dispute shall be the date on which the customer furnishes the Telephone Company the account information required by Section 2.4.1(B)(3)(c)(1) above.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

(T)

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

(B) (Cont'd)

(3) (Cont'd)

(c) Billing Disputes (Cont'd)

(3) The date of resolution is the date the Telephone Company completes the investigation and credits the customer's account.

(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 (b) preceding.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements (Cont'd)2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

- (C) 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 or major fraction of days based on a 30 day month. The Telephone Company will, upon request and if available, furnish such detailed information as may reasonably be required for verification of any bill.
- (D) 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).
- (E) When more than one copy of a customer bill for services provided under the provisions of this tariff is furnished to the customer, an additional charge applies for each additional copy of the bill as set forth in 13.3.7 following.

2.4.2 Minimum Periods

The minimum periods for which services are provided and for which rates and charges are applicable is one month except for those services set forth in 5.2.5(B), 7.2.5(E), (F) and (G), 7.2.11(D), 7.2.13(C), 7.2.14(C), 7.2.15(C), 7.4.13, 7.4.16, 7.4.17, 7.5.4, 7.5.5, 8.2(C)(1), 8.3(C)(1), 9.4(A) and 13.3.5(C)(1)(b),(c) and (d), 16.5, 16.6, 16.7, 25.1.10, and 25.3.8 following.

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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 12. following, is one month unless a different minimum period is established with the individual case filing.

As specified in Section 5.2.6 following, 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:

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements (Cont'd)

(T)

2.4.2 Minimum Periods (Cont'd)

- (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, 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.

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 Reserved

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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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.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements (Cont'd)

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2.4.5 Re-establishment of Service Following Fire, Flood or Other Occurrence (Cont'd)(A) Nonrecurring Charges Do Not Apply (Cont'd)

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: (Cont'd)

(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).

(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

(A) 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.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements (Cont'd)

(T)

2.4.7 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved

The Telephone Companies will handle ordering, rating and billing of Access Services under this tariff where more than one Exchange Telephone Company is involved in the provision of Access Service as set forth following. The Telephone Company will notify the customer what option will apply when the customer orders Access Service. The option will be based on the inter-connection arrangements between the Exchange Telephone Companies involved and the services ordered.

The Single and Multiple Bill Arrangements following are subject to the provisions of the Multiple Exchange Carrier Access billing Guidelines (MECAB) and the Multiple Exchange Carrier Ordering and Design Guidelines (MECOD) documents as referenced in the Memorandum Opinion and Order in CC Docket No. 86-104, adopted July 20, 1987 and released July 31, 1987.

Effective March 31, 1990 the Single and Multiple bill arrangements following are available in conjunction with FGB services in compliance with the Commission's October 5, 1989 Order.

The Telephone Company must notify the customer of: (1) the Meet Point Billing Option that will be used, (2) the Telephone Company(s) that will render the bill(s), (3) the Telephone Company(s) to whom payment(s) should be remitted, and (4) the Telephone Company(s) that will provide the bill inquiry function. The Telephone Company shall provide this notice in writing 30 days in advance of any changes.

- (A) When an Access Service is ordered by a customer where one end of the Switched Transport element is in one Exchange Telephone Company operating territory and the other end is in another Exchange Telephone Company operating territory, the Exchange Telephone Company in whose territory the first point of switching is located will accept the order for Lineside BSA, Trunkside BSA - 950 Option, Feature Group A and B Switched Access Services ordered in lines or trunks. The Exchange Telephone Company that accepts the order will then determine the charges involved, arrange to provide the Access Service ordered and bill the charges in accordance with its Access Service tariff.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements (Cont'd)

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2.4.7 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (Cont'd)

(A) (Cont'd)

After July 1, 1990, option A will only be available for FGA Service. Prior to July 1, 1990, Option A is available with both FGA and FGB Services. Effective April 1, 1990, the Single and Multiple Bill Arrangements following are also available with Trunkside BSA - 950 Option and FGB Services. The Single and Multiple Bill Arrangements may be used to bill Trunkside BSA - 950 Option and FGB Services only with the agreement of all involved Exchange Telephone Companies. When an Common Channel Signaling Access Service is provided, the Telephone Company in whose territory the STP is located will accept the order for service, determine any applicable charges involved, arrange to provide the service ordered, and bill any applicable charges in accordance with its Access Service tariff.

When Billing Validation Service is provided, the Telephone Company in whose territory the LIDB Service Control Point (SCP) is located will accept the order for service, determine any applicable charges involved, arrange to provide the service ordered, and bill any applicable charges in accordance with its Access Service tariff.

For Verizon Dedicated SONET Ring Service that is provided between points within the New York/New Jersey corridor, preplanned port rates and charges associated with the customer service management option will apply as follows. When the primary circuit's end point is in one Exchange Telephone Company's operating territory and its associated preplanned (backup) location is in another Exchange Telephone Company's operating territory, the Exchange Telephone Company in whose operating territory the primary circuit's end point is located will bill for the preplanned port. The customer service management option is described in Section 7.2.17(A)(8) following

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements (Cont'd)2.4.7 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (Cont'd)

(B) Single Bill Arrangement for Services other than FGA and Lineside

(1) General - With the agreement of the Exchange Telephone Companies involved, a single bill will be rendered for non-Lineside BSA and non-FGA services.

(2) Ordering - The company that accepts the order from the customer will be determined as follows:

(a) Directory Assistance - The company where the end office is located shall accept the order. (D)

(b) Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGB or FGD ordered to an end office

- The company where the end office is located shall accept the order.

(c) Dedicated Network Access Link BSA

- The Company where the end office is located shall accept the order.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements (Cont'd)

(T)

2.4.7 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (Cont'd)

(B) Single Bill Arrangement for Service other than FGA and Lineside BSA (Cont'd)

(2) Ordering - The company that accepts the order from the customer will be determined as follows:
(Cont'd)

(d) Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGB or FGD ordered to an Access Tandem - The company where the Access Tandem is located will accept the order.

(e) WATS Access Line Service - When the WATS serving office and the end user end office are located in different Exchange Telephone Company operating territories, the company where the end office is located shall accept the order.

(f) Special Access Service without Hub - Either company may accept the order.

(g) Special Access Service with Hub - The company where the Hub is located shall accept the order.

(h) Common Channel Signaling Access Service - The company where the STP is located shall accept the order.

(i) Billing Validation Service - The company where the LIDB Service Control Point (SCP) is located shall accept the order.

The other company(ies) involved shall also receive a copy of the order from the customer.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements (Cont'd)

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2.4.7 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (Cont'd)

(B) Single Bill Arrangement for Services other than FGA and Lineside BSA (Cont'd)

(3) Rating and Billing of Service - With the agreement of the Exchange Telephone Companies involved, one of the following rating and billing options will be utilized:

- (a) Single Bill Single Tariff Billing - The billing Company will bill and collect all appropriate charges from the customer in accordance with the regulations, rates and charges in its Access Service tariff. The non-billing Company will bill and collect the appropriate portion of charges from the billing Company in accordance with the regulations, rates and charges in the non-billing Company's Access Service tariff. The apportionment of charges shall be consistent with 2.4.7(C)(3) following.
- (b) Single Bill Multiple Tariff Billing - The billing Company will bill all appropriate charges to the customer in accordance with the regulations, rates and charges in the Access Service tariffs of all involved Exchange Carriers. Based upon the agreements of the Exchange Telephone Companies involved, payment will either be remitted in full to the billing company or in appropriate portions directly to the Exchange Carriers involved. The apportionment of charges shall be consistent with 2.4.7 (C)(3) following.
- (c) Single Bill Multiple Tariff Pass-Through Billing - Same as (b) above.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements (Cont'd)

(T)

2.4.7 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (Cont'd)

(C) Multiple Bill Arrangement for Services other than FGA and Lineside BSA

- (1) General - Separate bills will be rendered by the Exchange Telephone Companies for Access Service other than Lineside BSA or FGA if the administration of a single bill arrangement, as set forth in Sec. 2.4.7 B, is not utilized by the companies involved.
- (2) Ordering - Each company will accept an order for service from the customer.
- (3) Rating and Billing of Service - Each company will provide its portion of the Access Service based on the regulations, rates and charges contained in its Access Service tariff, subject to the following rules, as appropriate:
 - (a) The charges billed by this company for mileage sensitive rate elements, e.g., Dedicated Network Access link (fixed and per mile), Switched Transport (fixed and per mile), Special Access Service Channel Mileage (fixed and per mile), or Directory Assistance Transport, are determined as follows:
 - (i) The total mileage for the service is computed using the V&H Coordinate Method set forth in National Exchange Carrier Association Tariff F.C.C. No. 4 (NECA No. 4).
 - (ii) A billing factor called the Border Interconnection Percentage (BIP) is determined from NECA No. 4 directly.
 - (iii) This company's rates and charges are then multiplied by the appropriate quantity(ies) and the billing factor to obtain the charges for this company.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements (Cont'd)

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2.4.7 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (Cont'd)(C) Multiple Bill Arrangement for Services other than
Lineside BSA or FGA (Cont'd)

(3) Rating and Billing of Service (Cont'd)

(b) The application of nondistance sensitive rate elements varies according to the rate structure and the location of the facilities involved:

- (i) When rates and charges are listed on a per point of termination basis, this company's rates will be billed for the termination(s) within this company's operating territory.
- (ii) When rates and charges are listed on a per unit basis, e.g., central office bridging or multiplexing, this company's rates and charges will apply for units located in this company's operating territory.
- (iii) When rates and charges are developed on an individual case basis, such rates will be developed for the portion of the service provided by this company.
- (iv) When rates and charges are listed on a per service basis, these rates and charges will be billed.
- (v) When rates and charges are listed on a per line or trunk installed basis, this company's rates will be billed based on the number of lines or trunks specified by the customer on its order for access service placed with this company.
- (vi) When this company is an intermediate, non-terminating carrier in a given arrangement, channel mileage fixed charges will not apply.

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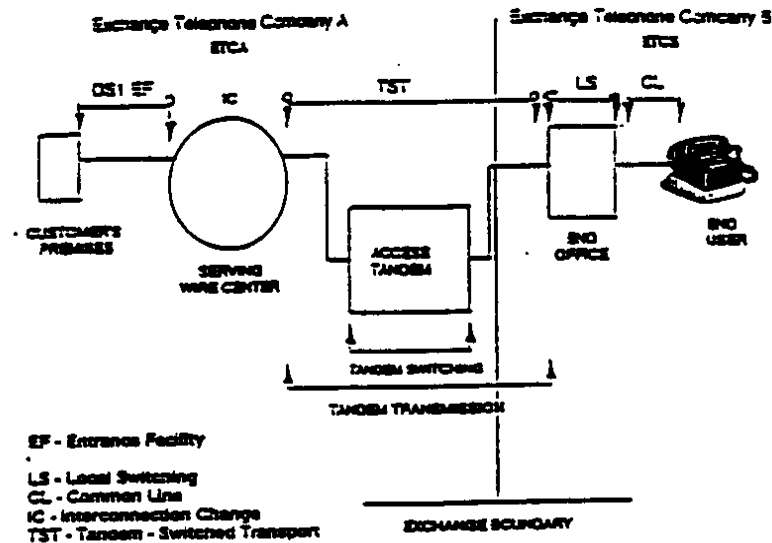
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2. General Regulations (Cont'd)

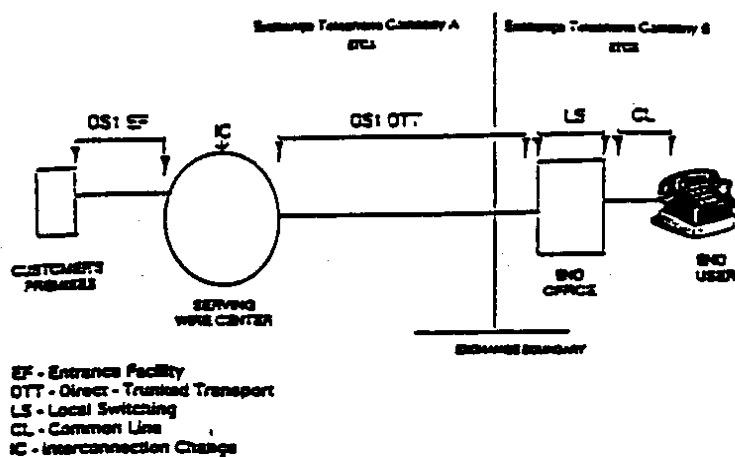
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(C) Multiple Bill Arrangement for Services other than FGA or
Lineside BSA (Cont'd)

**DS1 ENTRANCE FACILITY WITH TANDEM SWITCHED
TRANSPORT FOR FEATURE GROUP 0 SERVICE**



**DS1 ENTRANCE FACILITY WITH DS1 DIRECT - TRUNKED
TRANSPORT FOR FEATURE GROUP 0 SERVICE**



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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements (Cont'd)

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2.4.8 Ordering, Rating and Billing of Switched Access Service
Provided in Conjunction with a Cellular Exchange Carrier
(CEC) or a Radio Common Carrier (RCC)

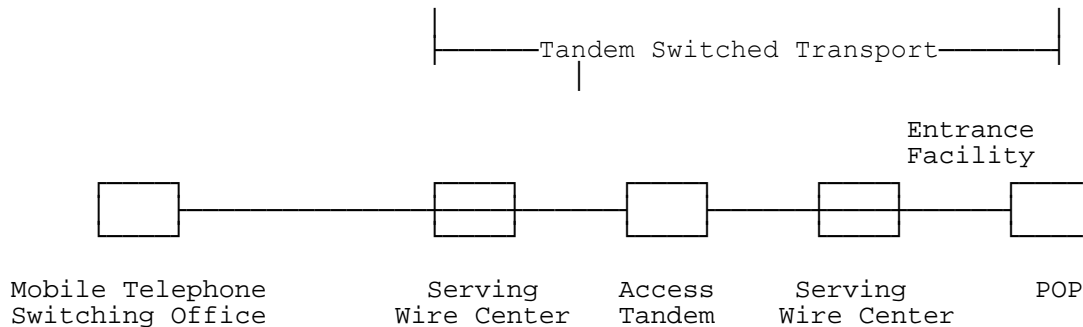
When Switched Access Service is ordered by a customer in conjunction with a CEC or RCC, the Telephone Company will provide its portion of the Switched Access Service based on the regulations, rates and charges contained in its Access Service tariff, subject to the following rules.

- (A) If the Telephone Company provides Switched Transport and provides end office local switching functions, the customer will be assessed all applicable Switched Access charges. Carrier Common Line charges will not be assessed.

If the Telephone Company provides Switched Transport and does not provide end office local switching functions, the Telephone Company will assess Switched Transport charges as set forth in Section 6.9.1. Local Switching and Carrier Common Line charges will not be assessed by the Telephone Company.

- (B) The mileage to be used to determine the Switched Transport charge is calculated as set forth in Section 6.8.13(I).

- (C) Example



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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2.4.9 Reserved

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

2.4.10 Reserved (T)

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2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

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2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

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2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.5 Connections

2.5.1 General

Equipment and Systems (i.e., terminal equipment, multiline terminating systems and communications systems) may be connected with Switched and Special Access furnished by the Telephone Company where such connection is made in accordance with the provisions specified in Technical Reference PUB AS No. 1, Issue II, and 2.1 preceding.

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(x) PUB AS No. 1, Issue II replaces Publication AS No. 1 in its entirety.

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1300 I Street, NW, Washington, DC 20005

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions

Certain terms used herein are defined as follows:

Access Code

The term "Access Code" denotes a uniform seven digit code assigned by the Telephone Company to an individual customer. The seven digit code, has the form 101XXXX or 950-XXXX.

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Access Customer Name Abbreviation (ACNA)

The term "Access Customer Name Abbreviation" or "ACNA" denotes a term generally understood in the telecommunications industry to be the name abbreviation for a purchaser of Access Services.

Access Minutes

The term "Access Minutes" denotes that usage of exchange facilities in interstate or foreign service for the purpose of calculating chargeable usage. 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 end exchanges, as applicable.

Access Tandem

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

Aggregator

Denotes any individual, partnership, association, joint-stock company, trust, governmental entity or corporation as defined under Part 64.708(b) of the F.C.C. Rules and Regulations.

Affiliate

The term "Affiliate" denotes a Customer that, through one or more intermediaries, is controlled by or is under common control with another customer.

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1300 I Street, NW, Washington, DC 20005

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)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.

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Attenuation Distortion

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

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.

Bit

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

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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 on the Check Sheet.

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.

- (x) Reissued material scheduled to become effective January 28, 2010 under Transmittal No. 1067.

(This page filed under Transmittal No. 1070)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Cable Space

The term "Cable Space" denotes any passage or opening in, on, under/over or through the central office cable support structure required to bring fiber optic riser cable from the manhole or other designated location to the collocated interconnection space, as well as the space between the collocated interconnection space, and the Telephone Company Point of Termination, and any other space required to bring other communications cable from one collocated interconnection space to another collocated interconnection space of the same Collocator.

Cable Support Structure

The system of riser ducts, cable racking and other such facilities of the Telephone Company that are used to contain and support Collocated Interconnection cable within central offices and between central offices and the manhole or other designated location pursuant to Section 19.

Call

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

Carrier or Common Carrier

See Interexchange Carrier.

Carrier Identification Code (CIC)

The term "Carrier Identification Code" (CIC) denotes a unique four digit access identification code that is assigned by Bellcore for use with Feature Group B or D Switched Access Service. The CIC identifies the caller's long distance carrier.

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).

Cellular Exchange Carrier (CEC)

The term "Cellular Exchange Carrier" defines a Common Carrier authorized by the Federal Communications Commission to provide Cellular Mobile Radio Telecommunications Services.

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Vice President
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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Central Office

The term "Central 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. In the case of a Remote Switching Module (RSM), the term Central Office designates the combination of the Remote Switching Unit and its Host.

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 local basis.

Centralized Automatic Reporting on Trunks Testing

The term "Centralized Automatic Reporting on Trunks Testing" denotes a type of testing which includes the capacity for measuring operational and transmission parameters.

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.

Channelize

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

Circuit Code

The term "Circuit Code" indicates the specific Interexchange Carrier trunk group that is required to carry the call for SS7 Signalling. It equates to the OZZ Code with MF Signalling and is contained in the TNS parameter.

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 and through a notch (very narrow band) filter.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Coin Station

The term "Coin Station" denotes a location where Telephone Company equipment is provided in a public or semipublic place where Telephone Company customers can originate telephonic communications and pay the applicable charges by inserting coins into the equipment.

Collocated Interconnection Design and Construction Work

The term "Collocated Interconnection Design and Construction Work" under Collocated Interconnection denotes all work by Telephone Company, including but not limited to, space design and preparation, the rearrangement of existing facilities, design and construction of collocated interconnection space enclosure, design and placement of required cable support structure or any other activity required to accommodate the installation of Collocator's facilities in the Telephone Company space(s). Similar work required or requested by Collocator after initial installation solely because of the existence of the Collocator's facilities shall be referred to as "Additional Design and Construction", and shall be at Collocator's expense.

Collocated Interconnection Space

The term "Collocated Interconnection Space" denotes suitable space intended for occupancy by Collocated Interconnection equipment required for telecommunications operations and the work area required to maintain that equipment. All suitable space shall be partitioned and measured as defined in Building Owners and Managers Association International (BOMA) standards as "rentable area."

Collocator

The term "Collocator" denotes a customer who subscribes to Collocated Interconnection and who brings fiber optic and/or microwave facilities to Telephone Company-designated locations for connection to Collocated Interconnection equipment as specified in the following Regulations, under physical or virtual interconnection arrangements. All such services and facilities used for Collocated Interconnection will be for the carriage of interstate non-switched traffic.

Collocator's Facilities

The term "Collocator's Facilities" denotes the telecommunications cable and equipment owned/leased and installed by the Collocator for the sole use of the Collocator in connection with equipment installed within its Collocated Interconnection Space.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Common Line

The term "Common Line" denotes a line, trunk, pay telephone line or other facility provided under the local general services 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 local general services tariffs. A common line-business is a line provided under the business regulations of the local general services tariffs.

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.

Competitive County

The term "Competitive County" denotes the geographic unit of a county or county-equivalent that passes or has passed a competitive market test specified by the FCC. Competitive County also denotes a county or county-equivalent that failed a competitive market test specified by the FCC, but was granted Phase II, Level 2 pricing flexibility prior to June 1, 2017.

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Connecting Facility Assignment

The term "Connecting Facility Assignment or (CFA)" denotes the identification of a channel or circuit to be used from a high capacity facility.

Conventional Signaling

The inter-machine signaling system which has been traditionally used in North America for the purpose of transmitting the called number's address digits from the originating end office to the switching machine which will terminate the call. In this system, all of the dialed digits are received by the originating switching machine, a path is selected, and the sequence of supervisory signals and outpulsed digits is initiated. No overlap outpulsing, ten-digit ANI, ANI information digits, or acknowledgement wink are included in this signaling sequence.

Corridor Service

The term "Corridor Service" applies to the exceptions to the MFJ Decree that allow the Telephone Company to provide interstate interLATA services in certain designated areas.

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 or other arrangements offered under this tariff, including both Interexchange Carriers (ICs) and End users.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)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 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.

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Digital Cross-Connect System (DCS)

The term "Digital Cross-Connect system" or "DCS" denotes an electronic switching node that enables circuits to be cross-connected.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Direct-Trunked Transport Facility

Denotes a Switched Transport facility between a Telephone Company serving wire center and an end office or between a Telephone Company Serving Wire Center and an access tandem that provides a customer with dedicated transport.

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 1 + NPA + 555-1212, or 411 or 555-1212, whichever is available.

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 a customer's end user and selects the first operation position to respond to the Directory Assistance call.

Directory Number

Denotes a unique NPA-NXX-XXXX code assigned to a subscriber of a local service provider.

Donor Switch

Denotes the original switch source of an NXX that has been designated as portable and from which a subscriber has moved its service, while retaining its Directory Number, to a different service provider.

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.

Certain material previously found on this page can now be found on 1st Revised Page 2-62.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Echo Path Loss

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

Echo Return Loss

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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.

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 2-wire interface combines the transmission paths into a single path.

End Office Switch

The term "End Office Switch" denotes a local Telephone Company switching system, where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to trunks. In the case of a Remote Switching Module, the term End Office Switch designates the combination of the Remote Switching Module and its Host.

End User

The term "End User" denotes 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 services exclusively as a reseller shall be deemed to be an "end user" if all resale transmission offered by such reseller originate on the premises of such reseller.

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1300 I Street, NW, Washington, DC 20005

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)(D)
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(D)Entrance Facility

Denotes a Switched Transport Facility between a Telephone Company serving wire center and a customer premises that provides a customer with dedicated transport from the serving wire center to the customer 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

The term "Ethernet" denotes a protocol provided over various media reflecting the two lowest layers of the Digital Network Architecture/Open Systems Interconnections (DNA/OSI) standard. This protocol provides for connectivity of computers, printers, workstations, terminals and other devices across Local Area Networks and Wide Area Networks (LANs & WANs). DNA/OSI standards are maintained by the American National Standards Institute.

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. One or more designated exchanges comprise a given Local Access and Transport Area.

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1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Exchange Access Signaling

The signaling system which is used, by equal access end offices, to transmit originating information and address digits to the customer's premises and which includes the means of verifying the receipt of these address digits. Features of this system include overlap outpulsing, identification of the type of call, identification of the ten-digit telephone number of the calling party, and acknowledgement wink supervisory signals.

Expected Measured Loss

The term "Expected Measured Loss" denotes a calculated loss which specifies the end-to-end 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.

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Extensible Markup Language (XML)

The term "Extensible Markup Language (XML)" denotes a simple, very flexible text format that is used in the exchange of a wide variety of data on the Web and elsewhere.

Field Identifier

The term "Field Identifier" denotes two to four characters that are used on service orders to convey specific instructions. Field Identifiers may or may not have associated data. Selected Field Identifiers are used in Telephone Company billing systems to generate nonrecurring charges.

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1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)First-Come, First-Served

The term "First-come, First-Served" denotes a procedure followed when the first order received will be the first order processed, except as provided in 2.1.2(D).

First Point of Switching

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

Flexible Automatic Number Identification (Flexible ANI)

The term "Flexible Automatic Number Identification" denotes an optional feature or Basic Service Element that provides additional values for the information indicator digits available with the ANI feature on originating calls. These additional digits identify the type of line that is originating the call for billing, screening and routing purposes.

Frequency Shift

The term "Frequency Shift" denotes the change in the frequency of a tone as it is transmitted over a channel.

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.

High Volume Call-In Networks

Denotes a unique NXX that has a presence in several switches within the designated Local Calling Area for which terminating calls are routed over dedicated trunks to a single tandem switch. This is done for the purpose of controlling the impact on the local network from potentially high volumes of terminating calls that may be directed to specific Directory Numbers within such NXXs at a customer's request.

Host Office

The term "Host Office" denotes an electronic switching system which provides call processing capabilities for one or more Remote Switching Modules or Remote Switching Systems.

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Vice President
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ACCESS SERVICE

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 that has completed the clearing process and funds which are available for use by the receiving party on the same day on which they are received, including U.S. Federal Reserve bank wire transfers and Automated Clearinghouse (ACH) payments.

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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.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Individual Case Basis

The term "Individual Case Basis" (ICB) 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.

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.

IntelliMux Service

The term IntelliMux® Service denotes a service whereby customers can reconfigure a specific voice grade, DDS and/or individual channels within a High Capacity DSL service connected at a digital cross-connect system.

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.

Intermodulation Distortion

The term "Intermodulation Distortion" denotes a measure of the non-linearity 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).

Interstate Communications

The term "Interstate Communications" denotes both interstate and foreign communications.

Interstate IntraLATA

The term Interstate IntraLATA denotes physically interstate services between two points within the same LATA which are not used in connection with InterLATA channels.

Intrastate Communications

The term "Intrastate Communications" denotes any communications within the state subject to oversight by a state regulatory commission as provided by the laws of the state involved.

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Certain material on this page formerly appeared on Original Page 2-70.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)(D)
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(D)Line Information Data Base

The term "Line Information Data Base" refers to the data base which contains billing information such as calling card number and billed number restriction data that is used in connection with the billing of calls.

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

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 Area Network

A short-distance data communications network (typically within a building or campus) used to link together computers and other electronic devices.

Local Calling Area

The term "Local Calling Area" denotes a geographical area, as defined in the Telephone Company's Local and/or General Exchange Service tariff, in which an end user (Telephone Exchange Service subscriber) may complete a call without incurring Toll charges.

Local Tandem Switch

The term "Local Tandem Switch" denotes a local Telephone Company switching unit by which local or access telephonic communications are switched to and from an End Office Switch.

Location Routing Number (LRN)

Denotes a NPA-NXX-XXXX within a NXX that is assigned to a switch that serves ported numbers. The LRN is associated with ported numbers in the Local Number Portability database for the recipient switch and is required to route calls directed to ported numbers working out of the switch.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Logical Channel

A communications channel through or link in the network that allows simultaneous transmission of sequenced data packets through the network. No circuit capacity is preassigned to a logical channel. Capacity is made available as data is transmitted.

Loop Around Test Line

The term "Loop Around Test Line" denotes an arrangement utilizing a telephone company central office to provide a means to make certain two-way transmission tests on a manual basis. This arrangement has two central office terminations, each reached by means of separate telephone numbers and does not require any specific customer premises equipment. Equipment subject to this test arrangement is at the discretion of the customer.

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" is 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.

Manhole

The term "Manhole" denotes an underground enclosure which provides access to Collocated Interconnection Cable Support Structure.

Maritime Radio Common Carriers (MRCCs)

The term "Maritime Radio Common Carriers (MRCCs)" denotes carriers which are regulated under Part 81 of the Federal Communications Commission's Rules and Regulations.

Meet Point Billing

The term "Meet Point Billing" denotes the arrangement which requires multiple Exchange Telephone Companies, involved in providing applicable access services, to divide the ordering, rating, and billing of such services on a proportional basis, so that each Exchange Telephone Company involved bills under its respective tariff.

Message

The term "Message" denotes a "call" as defined preceding.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Message Unit Credits

The term "Message Unit Credits" denotes the credit applied to the local switching charges assessed to customers handling end user originating interstate or foreign service calls which are subject to message unit charges.

Metropolitan Statistical Area (MSA)

The term "Metropolitan Statistical Area (MSA)" denotes a prescribed geographic area comprised of Telephone Company wire centers that have been grouped together.

Milliwatt (102 Type) Test Line

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 measurement towards the customer's premises from the Telephone Company end office.

Mobile Telephone Switching Office (MTSO)

The term "Mobile Telephone Switching Office" (MTSO) denotes the switching facility used by a CEC or RCC in performing originating and terminating switching functions for calls exchanged between their customers, the Telephone Company customers, Interchange Carriers, and independent Telephone Company customers.

Modem

Contraction of modulator-demodulator. A device which modulates and demodulates signals transmitted over communication facilities.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)N-1 Carrier

Denotes the carrier that is delivering a call to the Telephone Company's switch and is responsible for determining the status and Location Routing Number of the dialed NXX.

Native Ethernet

Denotes an Ethernet transmission that is not carried within a SONET signal.

Network Address

Numeric character string used to specify the location of the called customer.

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.

Network Interface Device

The term "Network Interface Device" denotes any Company provided means of interconnection of end user customer premises wiring to the Local Exchange Carrier's distribution plant, such as a cross connect device used for that purpose.

Non-Competitive County

The term "Non-Competitive County" denotes the geographic unit of a county or county-equivalent that failed a competitive market test specified by the FCC (excluding those that were granted Phase II, Level 2 pricing flexibility prior to June 1, 2017 and thus are defined as "Competitive Counties").

(D)

(D)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)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 (Numbering Plan Area) code and a seven-digit telephone number made up of a three-digit Central Office code 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.

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.

(D)
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(D)

Operator Services System

Equipment capable of processing certain kinds of traffic originating or terminating to an end office; this processing may take place either with or without an operator's assistance. Use of such equipment includes call rating and charge recording functions, operator assistance functions, coin control and collection functions, automatic or manual identification of calling line number, and verification of the busy/idle condition of subscriber lines.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)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 premises.

Out of Band Signaling

The term "Out of Band Signaling" denotes an exchange access signaling feature which allows customers to exchange call control and signaling information over a communications path which is separate from the message path.

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(M)

Certain material on this page formerly appeared on Original Page 2-73.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Overlap Outpulsing

The feature of the exchange access signaling system which permits initiation of pulsing to the customer's premises before the calling subscriber has completed dialing an originating call.

OZZ Code

The OZZ Code indicates the specific Interexchange Carrier trunk group that is to carry the call for MF Signalling.

Packet

Continuous sequence of binary digits of information is switched through the network and an integral unit. Consists of up to 1024 bits (128 octets) of customer data plus additional transmission and error control information.

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(D)

Pay Telephone

The term "Pay Telephone" denotes Telephone Company provided instruments and related facilities that are available to the general public for public convenience and necessity, including public and semipublic telephones, and coinless telephones.

Periodic Inspection

The term "Periodic Inspection" denotes inspections conducted at regular or irregular intervals of all or portions of the Collocator's facilities, to determine that occupancies are authorized and are installed and maintained in conformance with the requirements set forth herein. Telephone Company will notify Collocator in advance of such inspections, and Collocator shall have the right to be present at the time of inspection.

Phase Jitter

The term "Phase Jitter" denotes the unwanted phase variations of a signal.

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(T)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Physically-Collocated Interconnection

The term "Physically-Collocated Interconnection" denotes an arrangement where the Collocator's facilities will be interconnected with Collocator owned and provided equipment that is physically located in a Collocated Interconnection Space within a Telephone Company central office building. The standard method of interconnection is through a point of interconnection (POT) bay. Collocators may propose alternative means of interconnection that are technically feasible by submitting a bona fide request for negotiation. (See Note below.)

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.

Post-Installation Inspection

The term "Post-Installation Inspection" under Collocated Interconnection denotes the work activities performed to visually observe Collocator's equipment and cable facilities and equipment installation during and after the completion of the installation of such equipment and facilities to determine that all occupancies conform to the standards required.

Pre-Construction Work

The term "Pre-Construction Work" under Collocated Interconnection denotes the work activities performed by Telephone Company in order to process an application for occupancy to the point just prior to performing any necessary Design and Construction Work.

Premises

The term "Premises" denotes a building or a portion of a building in a multitenant building, or buildings on a continuous property (except Railroad right-of-way, etc.) not separated by a public highway except for an end user that offers Telecommunications Services exclusively as a reseller, this term is not to be limited to one building, but applies as well to a complex, or campus-type configuration, or buildings. "Premises" does not include Collocated Interconnection Space.

(D)

Note: See Section 19 following for further information.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Prime Service Vendor

The term "Prime Service Vendor" denotes the status of the Telephone Company when contracting directly with the user of TSP service.

Protocol

Set of rules conducting interactions between two or more parties. These rules consist of syntax (header structure) semantics (actions and reactions that are supposed to occur) and timing (relative ordering and direction of states and events).

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(M) Certain material currently appearing on this page formerly appeared on Page No. 2-75.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Query

Denotes a signaling message requesting processing instructions or service data contained in a centralized database.

Radio Common Carriers (RCCs)

The term "Radio Common Carriers (RCCs)" denotes carriers which are regulated under Part 22 of the Federal Communications Commission's Rules and Regulations.

Rate Zones

The term "Rate Zone" denotes a pricing unit for rating High Capacity Switched Access Transport and Special Access services. Rate zones are established based principally upon the volume of traffic carried by a wire center, traffic density, and are divided into three categories: Rate Zone 1 - high density, Rate Zone 2 - medium density, and Rate Zone 3 - low density.

Recipient Switch

Denotes any end office switch that serves Directory Numbers (DN) within a number portable NXX that is not originally assigned to the switch. Customers assigned a Directory Number (DN) within the indicated NXX that is working out of a switch other than the one originally designated is said to have ported their number to this recipient switch.

Regional Service Management System/Number Portability Administration Center (RSMS/NPAC)

Denotes the third party administered database which maintains the information on all ported numbers in a particular geographic area, in this case the Telephone Company's region.

Remote Switching Modules and/or Remote Switching Systems

The term "Remote Switching Modules and/or Remote Switching Systems" denotes small, remotely controlled electronic segments of an end office switch which obtain part of their call processing capability from a Host Office. The combination of a Remote Switching Module and its Host Office comprise an End Office Switch.

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.

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.

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2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Secure Socket Layer (SSL)

The term "Secure Socket Layer ("SSL)" denotes a security protocol that provides data encryption, server authentication, message integrity, and optional client authentication for a TCP/IP connection.

Serving Wire Center

The term Serving Wire Center denotes the first Telephone Company wire center to which facilities are connected on the terminating path of a call proceeding from the customer premises to the terminating end office.

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.

Shared Network Arrangement

The term "Shared Network Arrangement" denotes a service offering whereby a Service User may connect subtending services to a Host Subscriber's service, and the Telephone Company will undertake to maintain separate customer records and billing. (T)

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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.

Signal Transfer Point

The term "Signal Transfer Point" denotes a specialized switch which provides SS7 network access and performs SS7 message routing and screening.

Signaling Point of Interface

The term "Signaling Point of Interface" denotes the customer designated location, in the same LATA as the Telephone Company STP, where SS7 signaling information is exchanged between the Telephone Company and the customer.

Signaling Systems 7

The term "Signaling System 7" (SS7) denotes the out of band signaling protocol developed by the Consultative Committee for International Telephone and Telegraph (CCITT) and the American National Standards Institute (ANSI).

Singing Return Loss

The term "Singing 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 singing (instability) problems are most likely to occur.

Special Order

The term "Special Order" denotes an order for a Billing and Collection Service or an order for a Directory Assistance Service.

Subcontractor

The term "Subcontractor" denotes the status of the Telephone Company when contracting directly with a Prime Service Vendor to provide TSP to a service user.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Subscriber Line Charge

The term "Subscriber Line Charge" denotes the charge applicable to the end user common line. In Pennsylvania and Delaware this charge is referred to as a Line Cost Charge.

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(M)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Subsequent Inspections

The term "Subsequent Inspections" under Collocated Interconnection denotes the work operations performed by Telephone Company in order to verify that corrective action has been taken by the Collocator on variances from required safety, construction and maintenance practices reported to the Collocator by Telephone Company. Telephone Company will notify Collocator in advance of such inspections, and Collocator shall have the right to be present at the time of inspection.

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.

Switched Access Signalling Service (SASS)

The term "Switched Access Signalling Service" denotes transmission of the Carrier Identification Code (CIC) and the OZZ Code with MF Signalling; or the TNS parameter with SS7 Signalling. This service is available to TSPs and is provided from the Telephone Company end offices.

Switching System

The term "Switching System" denotes the hardware and/or software utilized by the Telephone Company for the establishment and maintenance of a given central office.

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.

Tandem Switching Provider (TSP)

The term "Tandem Switching Provider" denotes any Interexchange Carrier, End User, or other access provider who provides tandem switching functions for switched transport services.

Tandem Switched Transport

The term "Tandem Switched Transport" denotes the transport from the serving wire center of the customer's premises to an end office that is switched at a tandem switch. Tandem Switched Transport consists of circuits dedicated to the use of a single customer from the serving wire center to the tandem and circuits used in common by multiple customers from the tandem to an end office.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Telecommunication Relay Service (TRS)

TRS denotes the process where end user dialed calls are routed to a Telecommunication Relay Service Center for delivery to the Telephone Company. The Telephone Company in turn directs the call, via either the Trunkside BSA-101XXXX Option or Switched Access FGD Service, to an access tandem for delivery to the selected Interexchange Carrier of choice.

Telecommunication Relay Service (TRS) Center

Denotes the location of the provider of Telecommunication Relay Service (TRS).

Telephone Company Answering Service Concentrator

Answering Service Concentrator denotes equipment located on the Telephone Company premises which, when used in conjunction with an identifier or similar equipment located at the answering service premises, enables the answering bureau to answer incoming calls for customers at their location without the necessity of having a channel from each customer's location to the bureau's location.

Terminating Direction

The term "Terminating Direction" denotes the use of Access Service for the completion of calls from a customer premises to an End User premises.

Toll Free Database

The term "Toll Free" refers to the use of database technology to determine to which access customer an originating toll free call is to be delivered. An originating toll free call is a call made with the prefix 1+800, 1+888, 1+877, 1+866, 1+855, 1+844, 1+833, or 1+822. The toll free database routes calls to an access customer based on the dialed ten digit toll free number. Initially, the Toll Free Database will provide routing information for calls utilizing 800 and 888 toll free dialing numbers. The Toll Free Database will be expanded, as required, at a later date to include routing for 877, 866, 855, 844, 833, and 822 toll free dialing numbers. Until that time, toll free calls, other than those originated as 1+800 or 1+888, will not be completed.

Transit Network Selection (TNS)

The Transit Network Selection (TNS) parameter is a component of the SS7 Initial Address Message (IAM). It contains the Carrier Identification Code (CIC) and Circuit Code which indicate the specific Interexchange Carrier trunk group that is required to carry the call. The Circuit Code equates to the OZZ with MF Signalling.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Transmission Measuring (105 Type) Test Line/Responder

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.

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 channels consisting of any form or configuration of facilities typically used in the telecommunications industry.

Transport Element

The term "Transport Element" denotes a generic term to refer to either Directory Transport or Local Transport as applicable.

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).

(D)

(D)

Uniform Service Order Code

The term "Uniform Service Order Code" denotes a three or five character alphabetic, numeric, or an alphanumeric code that identifies a specific item of service or equipment. Uniform Service Order Codes are used in the Telephone Company billing system to generate recurring rates and nonrecurring charges.

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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.

(M)

Virtual Call

A user facility in which a call initiation procedure and a call terminating procedure determines a period of communication between two network addresses in which a user data is transferred.

(M)

Material on this page formerly appeared on Original Page 2-81.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Virtual Circuit

Logical channels established as a result of the call initiation procedure to a network address that exists for a period of time.

Virtually-Collocated Interconnection

An arrangement whereby the Collocator's facilities are interconnected to Collocator-provided Telephone Company-owned cable and equipment that is located in a Telephone Company central office building.

WATS Serving Office (WSO)

The term "WATS Serving Office" (WSO) denotes Wire Centers with the technical capability to accept WATS Access Connections (WACs) or WAC extensions.

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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(D)

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(T)

ACCESS SERVICE

2. General Regulations (Cont'd)2.7 Service Level Agreements2.7.1 Basic Service Level Agreements (Basic SLAs)

Regulations pertaining to Basic SLAs are contained in this tariff as specified following:

<u>Description</u>	<u>Tariff Reference</u>	
Credit Allowance for Service Interruptions	2.7.1.1	(T)
Missed Installation Due Dates	2.7.1.2	(T)

Certain material previously found on this page can now be found on Original Page 2-83.14.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)2.7.1 Basic Service Level Agreements (Basic SLAs)

(T)

2.7.1.1 Credit Allowance for Service Interruptions

(T)(x)

(A) General

(M)(x)

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. An interruption period starts when the Telephone Company personnel are notified by the customer that the service is inoperative.

(B) When a Credit Allowance Applies

(M)(x)

Subject to Section 2.7.4(B) following, in case of an interruption to any service, credit allowance for the period of interruption shall be as follows:

(T)(x)

(M) |

(T)(x)

- (1) For services other than those mentioned in 9.4(I)(1), (2), and (3), credits for interruption shall be:

(M)(x)

(T) |

(M)(x)

(x) Certain material on this page formerly appeared on Original Page 2-33.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)2.7.1 Basic Service Level Agreements (Basic SLAs) (Cont'd)

2.7.1.1 Credit Allowance for Service Interruptions (Cont'd)

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

(1) (Cont'd)

(a) Switched Access and Directory Assistance

No credit shall be allowed for an interruption of less than 24 hours. The customer shall be credited in increments of 24 hours at the rate of 1/30 of the monthly charge for the service for each period of 24 hours or major fraction thereof that the interruption continues. Each interruption in excess of twelve hours and up to 24 hours will result in a 24 hour credit being applied. For Switched Transport, the provisions as set forth in (b) following shall apply.

(b) Special Access, Switched Transport, or Packet Data Services

No credit shall be allowed for an interruption of less than thirty (30) minutes except for IntelliLight® services and Video Service provided at daily rates. When service is interrupted for 30 minutes or more, credit is allowed for the portion of the service affected in 1/2 hourly multiples for each 1/2 hour period or major fraction thereof of interruption. Each interruption in excess of 15 minutes and up to 30 minutes will result in a 30 minute credit being applied. The amount of credit is the proportionate part of the monthly charge, based on 24 hour daily service.

(D)

When a service qualifies for Service Response Credits as set forth in Section 2.7.3.3 following, credit for an interruption in service under this section does not apply.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.7 Service Level Agreements2.7.1 Basic Service Level Agreements (Basic SLAs)

2.7.1.1 Credit Allowance for Service Interruptions (Cont'd)

(T)(x)

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

(M)(x)

(1) (Cont'd)

(M)

(b) Special Access, Switched Transport, or Packet Data Services (Cont'd)(T)
(M)

When a Switched Access direct trunked facility experiences an interruption of service, a credit will be applied for the facility itself. When a customer who has both Direct Trunked and Tandem Access facilities experiences an interruption of service, the customer will receive a credit based on the traffic on the out-of-service facility that is diverted to the tandem and charged at tandem rates.

The MOU credit will be derived by assuming 9000 MOU per trunk per month. Therefore, the daily credit would be limited to 300 MOU per trunk.

(M)(x)

(x) Certain material on this page formerly appeared on Original Page 2-34.1. Certain material previously found on this page can now be found on Original Page 2-83.17.

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C

ACCESS SERVICE

2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)2.7.1 Basic Service Level Agreements (Basic SLAs) (Cont'd)

2.7.1.1 Credit Allowance for Service Interruptions (Cont'd)

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

(1) (Cont'd)

(b) Special Access, Switched Transport, or Packet Data Services (Cont'd)

For example, if a DS1 carrying 24 trunks is out-of-service for 4 hours, the down-time is equal to 240 minutes. The customer would be credited for 240 MOU per working trunk. The 240 is less than the 300 MOU daily limit; therefore:

240	minutes out-of-service
X 24	trunks
5,760	MOU credit multiplied by tandem switching rate, fixed per MOU rate and the per mile per MOU rate.

If a DS1 carrying 24 trunks is out-of-service for 8 hours, the credit would be determined as follows:

8 hours X 60 minutes = 480 (total minutes out-of-service for one trunk). The daily MOU credit is limited to 300 per day. Since the out-of-service time exceeds the maximum daily credit, the customer will receive the maximum credit of 300 MOU multiplied by the number of working trunks.

This credit is only applicable if the customer has purchased tandem trunks to the tandem that serves the end office where the out-of-service Direct Trunked facility terminates.

For Video Service provided at daily rates, 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 at the rate of 1/288 of the daily charge for the service for each 5 minutes or fraction thereof that an interruption continues. Two or more such interruptions occurring during a period of 5 consecutive minutes shall be considered as one interruption.

(D)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)2.7.1 Basic Service Level Agreements (Basic SLAs) (Cont'd)

2.7.1.1 Credit Allowance for Service Interruptions (Cont'd)

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

(1) (Cont'd)

(c) Special Federal Government Access Services and Specialized Service or Arrangements

Service interruptions for Special Federal Government Access Services and Specialized Service or Arrangements provided under the provisions of Sections 10 and 12 following shall be administered in the same manner as those set forth in this Section 2.7.1.1 unless other regulations are specified with the individual case filing.

- (2) Credit allowances for interruptions to Switched Access Service and Directory Assistance Service apply to any applicable monthly rates.
- (3) The credit allowance(s) for an interruption or for a series of interruptions shall not exceed the monthly rate for the service interrupted in any one monthly billing period.
- (4) For certain Special Access services (Digital Data Access, DA1-4, High Capacity, HCl), and for Switched Transport, any period during which the error performance is below that specified for the service will be considered as an interruption. (D)
- (5) Reserved.
- (6) For Lightwave Facilities, no credit shall be allowed for any interruption not reported by the customer; an interruption of less than 48 hours from the time of the customer's trouble report; or any interruption resulting from equipment furnished by the customer.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.7 Service Level Agreements2.7.1 Basic Service Level Agreements (Basic SLAs)

2.7.1.1 Credit Allowance for Service Interruptions (Cont'd)

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

- (7) For certain Special Access services, a Special Access Service Guarantee (SASG) credit allowance will apply in the event that such services experience a service interruption of four (4) or more consecutive hours except as specified in Section 2.7.4(B) following. The SASG credit allowance will apply to Voice Grade, WATS, monthly Video, Digital Data (DDS), and High Capacity DS1 (excluding the portion of a Special Access DS1 High Capacity service that is derived at a customer designated premises using a DS3 Premises Multiplexer) and DS3 Special Access services (collectively, Special Access Services). (D)

The customer has the option to subscribe to National SLA Plans as set forth in Section 2.7.3 following. When a customer subscribes to a National SLA Plan, SASG credit allowances under this Section 2.7.1.1(B)(7) do not apply to services covered by the National SLA Plan. (D)

Additionally, the SASG credit allowance applies to IntelliMux® ports when a customer, during normal hours (see 7.2.12(D), Scheduled Maintenance), is unable to reconfigure circuits for two or more hours.

If a Special Access Service or IntelliMux port is eligible for an SASG credit allowance, the Telephone Company shall provide the applicable credit amount as set forth in the table following. The Telephone Company shall bill customer the applicable monthly rate for the Special Access Service or IntelliMux port, and if customer is eligible to receive the SASG credit allowance, the customer shall receive the SASG credit in a later invoice. The SASG credit allowance is in addition to any other credit allowances available under this Section 2.7.1.1. The maximum amount of all credit allowances available under this Section 2.7.1.1 for a Special Access Service or IntelliMux port for a given billing period shall not exceed the total applicable monthly charge paid by the customer for such Special Access Service or IntelliMux port. The monthly charge will consist of all applicable rate elements charged to the circuit experiencing the service interruption. The SASG credit allowance can only be applied once per month on a per circuit or per port basis. For multi-point circuits, the SASG credit allowance will apply to each leg of the circuit that experiences a service interruption.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)2.7.1 Basic Service Level Agreements (Basic SLAs) (Cont'd)

2.7.1.1 Credit Allowance for Service Interruptions

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

(7) (Cont'd)

The SASG credit allowance for each applicable service is listed below:

<u>Service</u>	<u>SASG (per circuit)</u>	
		(D)
Voice Grade & WATS		(D)
2-wire	20.00	
4-wire	20.00	
		(D)
		(D)
Video (monthly & 5-yr Plan)	100.00	
Wide Band Analog & Data	100.00	
Digital Data/DDS		
2.4 Kbps	40.00	
4.8 Kbps	45.00	
9.6 Kbps	50.00	
19.2 Kbps	55.00	
56.0 Kbps	60.00	
64.0 Kbps	65.00	
High Capacity		
DS1	160.00	
DS3	400.00	
	<u>SASG (per port)</u>	
IntelliMux		
VG or DDS	10.00	
DS1	10.00	

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2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)2.7.1 Basic Service Level Agreements (Basic SLAs) (Cont'd)2.7.1.1 Credit Allowance for Service Interruptions(B) When A Credit Allowance Applies (Cont'd)

(8) For the following IntelliLight services, the credit allowances are:

- (a) Verizon Dedicated SONET Ring (DSR) and IntelliLight Shared Assurance Network (ISAN) are guaranteed to have uninterrupted service. Any service outage greater than one minute due solely to a Telephone Company facility failure will result in a credit of 100% of the monthly rate for the applicable rate elements of the affected service. Only one such credit is allowed in a single month's billing period.

When DSR as set forth in Section 23.1 following is arranged with subtending rings, a credit allowance for a service interruption is applied independently to each ring. For example, if the main DSR becomes interrupted and is eligible for a credit allowance, no credit allowance is due on the subtending ring(s) associated with that main ring unless service on the subtending ring(s) is also interrupted.

- (b) IntelliLight Shared Dual Path, ISDP, guarantees service delivery without interruptions. Should a service with ISDP be interrupted for more than one minute due to failures in the Telephone Company's facilities, the customer will be credited 100% of the monthly rates for the affected underlying service with the ISDP feature and for the ISDP optional feature. Only one such credit is allowed per month.

Service failures due to customer provided equipment will not be covered by the service guarantee under any circumstances.

- (9) For certain video services, the following SASG credit allowances apply:

- (a) For any service outage of a Video Switch greater than a period of 30 consecutive minutes, a credit for 50% of the monthly rate is applicable. The SASG will not apply to more than two service outages per month.
- (b) For a service outage of the 10-year Multichannel Video Service of 60 consecutive minutes or more, a SASG credit for 50% of the monthly rate for the affected channels will be applied. The SASG will not apply to more than two such outages per month.

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(T)(x)
(M)(x)

(M)(x)

ACCESS SERVICE

2. General Regulations (Cont'd)2.7 Service Level Agreements2.7.1 Basic Service Level Agreements (Basic SLAs)

2.7.1.1 Credit Allowance for Service Interruptions (Cont'd)

(T)(x)

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

(M)(x)

- (10) For both Switched and Special IntelliLight Entrance Facilities (IEF) and IntelliLight Shared Single Path (ISSP) services, the following Special Access Service Guarantee, SASG, credit allowance applies:

Any service outage of 4 hours or more due to a Company facility failure will result in a credit of 100% of the monthly rate for the applicable rate elements affected. Only one such credit is allowed in a single month's billing period.

- (11) For IntelliLight Broadband Transport (IBT) Services, the following Special Access Service Guarantee, SASG, credit allowances apply:

Any outage of basic IBT services of 4 hours or more due to a Company facility failure will result in a credit of 100% of the monthly rate for the service.

Any outage of IBT services with Fiber Path Diversity option of 1 hour or more due to a Company facility failure will result in a credit of 100% of the monthly rate for the service.

SASG credits cannot exceed the monthly charge in a single month's billing period.

- (12) For those services provided in rate bands, only one credit is allowed in a single month's billing period. Credits for DS3 Entrance Facility Channel Terminations and DS3 High Capacity Service Channel Terminations will be based upon the rate effective and rate band applicable to the customer at the time of service failure.

(M)(x)

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2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)2.7.1 Basic Service Level Agreements (Basic SLAs) (Cont'd)

2.7.1.1 Credit Allowance for Service Interruptions (Cont'd)

(T)(x)

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

(M)(x)

- (13) For IntelliLight Optical Transport Service (IOTS) nodes and network optimization, any single service outage of four hours or more due solely to a Telephone Company facility failure will result in a credit of 100 percent (100%) of the monthly rate for the applicable IOTS node or network optimization device affected. Only one such credit is allowed in a single month's billing period.

For IOTS optical transport channels, the following credits will be applied.

- For protected Optical Transport Channels, any Telephone Company facility failure which is not restored within 1 minute will result in a credit of 100% of the monthly rate for the applicable protected optical channel affected. Only one such credit is allowed in a single month's billing period.
- For unprotected optical transport channels, no credit applies for a service outage on these channels for which no protection is provided by the Telephone Company.
- When one or more channels utilizing a multi-port interface card require maintenance, all channels provisioned over that multi-port interface card will be interrupted. No credit will be made for such periods during which all channels on the multi-port interface card are interrupted to allow the Telephone Company to perform required maintenance.

(M)(x)

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2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)2.7.1 Basic Service Level Agreements (Basic SLAs) (Cont'd)

2.7.1.1 Credit Allowance for Service Interruptions (Cont'd)

(T)(x)

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

(M)(x)

(14) For Verizon Optical Networking, the Special Access Service Guarantee (SASG) will apply for the entire service.

- For protected On-Net Channel Extensions and ON-Net Channel Mileage, a credit of 100% of one month's recurring charge for the Verizon Optical Networking service will apply for any outage that exceeds one minute. No more than one such credit is given in 1 monthly billing cycle.
- For unprotected On-Net Channel Extensions a credit of 100% of one month's recurring charge for the Verizon Optical Networking service will apply if the total outage time exceeds 4 hours.
- For Verizon Optical Networking services that consist of both unprotected and protected service components, the credit allowance that applies for each outage will be based on the credit allowance provisions for unprotected channels.

(M)(x)

(C) When A Credit Allowance Does Not Apply

(N)

Services will not be eligible for credits when any of the conditions set forth in Section 2.7.4(B) following exist.

(N)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.7 Service Level Agreements2.7.1 Basic Service Level Agreements (Basic SLAs)

2.7.1.1 Credit Allowance for Service Interruptions (Cont'd)

(T)(x)

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

(M)(x)

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.

(E) Temporary Surrender of a Service

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.

(M)(x)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.7 Service Level Agreements2.7.1 Basic Service Level Agreements (Basic SLAs) (Cont'd)

2.7.1.2 Missed Installation Due Dates

(A) General

Failure to meet a confirmed service date (due date) for installation of certain services will result in a credit or the applicable nonrecurring charges billed to the customer for that service when the responsibility for the failure is solely the Telephone Company's. These credits of applicable nonrecurring charges for unmet installation dates are an exclusive remedy; and, are in lieu of any other claims as described in 2.1.3 preceding.

(B) Services Subject To The Credit

Subject to Section 2.7.4(A) following, nonrecurring installation charges (as specified in 7.4.1) will be credited for a missed service date on the following Special Access services:

Digital Data Service
DS1 High Capacity Service
DS3 Special Access High Capacity Services

The customer has the option to subscribe to National SLA Plans as set forth in Section 2.7.3. When a customer subscribes to a National SLA Plan, credits under this Section 2.7.1.2 do not apply to services covered by the National SLA Plan.

(D)

(C) When a Credit Allowance Does Not Apply

Services will not be eligible for credits when any of the conditions set forth in Section 2.7.4(A) following exist.

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2. General Regulations (Cont'd)2.7 Service Level Agreements2.7.2 Enhanced Service Level Agreements (Enhanced SLAs)

Regulations pertaining to Enhanced SLAs are contained in this tariff as specified following:

<u>Description</u>	<u>Tariff Reference</u>	
Integrated Optical Service Rider SLAs	2.7.2.1	
Reserved for Future Use	2.7.2.2	(C)
Reserved for Future Use	2.7.2.3	
Reserved for Future Use	2.7.2.4	(C)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)2.7.2 Enhanced Service Level Agreements (Enhanced SLAs)

(N)

2.7.2.1 Integrated Optical Service Rider SLAs

(T)(x)

(A) General

(T)(x)

- (1) With the exception of those Integrated Optical Service Riders provided subject to Section 24.1.3 following, the SLAs set forth in this Section 2.7.2.1 apply to all other Integrated Optical Service Riders set forth in Section 24.1 following ("Qualifying Services").

(T)(x)
(M)
(T)
(M)
(M)(x)

- (2) The monthly recurring rate(s) for the Qualifying Service are the Integrated Optical Service Rider Appearances.

(T)(x)
(M)(x)

- (3) To receive credit, the Telephone Company must receive from the customer a written request for credit within sixty (60) calendar days of the end of the calendar month in which the SLA threshold was missed. The customer's request for credit must be submitted to the appropriate Telephone Company in a manner mutually agreed upon by the Telephone Company and the customer. The request must include a list of the identification numbers of all impacted circuits.

(T)(x)
(M)

(M)(x)

(B) Availability

(T)(x)

- (1) Availability refers to the percentage of time over a calendar month that a Qualifying Service is able to transmit data over the Telephone Company's integrated optical service. A Qualifying Service is unavailable if data cannot be transmitted because of a failure of a facility component within the Telephone Company's integrated optical service that is used to furnish the Qualifying Service provided under this Tariff.

(T)(x)
(M)

(M)(x)

- (2) Availability is calculated as follows: $\text{Availability} = \frac{(1440 \times \text{Number of Days in Month}) - (\text{Number of Minutes the Service is unavailable during Month})}{(1440 \times \text{Number of Days in Month})}$. The number of minutes the Service is unavailable is as determined by the Telephone Company.

(T)(x)
(M)

(M)(x)

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2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)

- 2.7.2 Enhanced Service Level Agreements (Enhanced SLAs) (Cont'd) (N)
- 2.7.2.1 Integrated Optical Service Rider SLAs (Cont'd) (T)(x)
- (B) Availability (Cont'd) (T)(x)
- (3) The Telephone Company threshold for Availability under this Section in a calendar month is 99.999%. (T)(x)
(M)(x)
- (4) If Availability under this Section is less than the threshold, then a credit equal to twenty-five percent (25%) of the monthly recurring rate(s) for the affected Qualifying Service applies. Only one (1) such credit is allowed in a single month's billing period. (T)(x)
(M) |
| |
(M)(x)
- (C) Mean Time to Restore (MTTR) (T)(x)
- (1) MTTR applies to an interruption of service that is within the Telephone Company's integrated optical service. (T)(x)
(M)(x)
- (2) Interruption of service is defined as a condition which renders a Qualifying Service unusable to the customer (i.e., data cannot be transmitted) because of a failure of a facility within the Telephone Company's integrated optical service that is used to furnish the Qualifying Service under this tariff. The Telephone Company will initiate a trouble ticket on all DS1 Qualifying Service interruptions reported by the customer. The Telephone Company will initiate a trouble ticket on all DS3 Qualifying Service interruptions reported by the customer and/or detected by the Telephone Company's network. (T)(x)
(M) |
| |
(M)(x)
- (3) MTTR for a calendar month shall be the average of all Time to Restore (TTR), as calculated by the Telephone Company. The TTR is the period of time the Qualifying Service is unavailable between the opening and closing of the trouble ticket, minus any stop clock time that was logged against the trouble ticket. Stop clock time includes, by way of example, the following times: (T)(x)
(M) |
| |
(M)(x)
- Periods when customer testing is occurring.
 - Periods when the customer is working on its own Customer Premises Equipment (CPE) and has not yet released the Qualifying Service to the Telephone Company for maintenance, testing or repair.
 - Periods when the Telephone Company is awaiting customer authorization to commence work on the Qualifying Service.

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2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)

- 2.7.2 Enhanced Service Level Agreements (Enhanced SLAs) (Cont'd) (N)
- 2.7.2.1 Integrated Optical Service Rider SLAs (Cont'd) (T)(x)
- (C) Mean Time to Restore (MTTR) (Cont'd) (T)(x)
- (3) (Cont'd) (T)(x)
- Periods when the Telephone Company is denied access to premises or facilities necessary to diagnose, repair, or test a Qualifying Service. (M)(x)
 - Periods following repair of the Qualifying Service when the ticket is held open by the customer to ensure the trouble is resolved. (M)(x)
- (4) MTTR is calculated by summing TTR for all measured tickets for the customer for the calendar month and dividing by the total number of tickets for that customer during that month. (T)(x)
(M) |
(M)(x)
- (5) MTTR excludes any subsequent reports (i.e., additional customer inquiries while the trouble is pending), CPE troubles, trouble found on the customer's side of the point of demarcation, no trouble found, troubles closed due to customer action, force majeure events, and troubles repaired by the Telephone Company prior to receipt of a trouble report on that Qualifying Service. (T)(x)
(M) |
(M)(x)
- (6) The threshold for MTTR in a calendar month is 2.5 hours for Qualifying Services. (T)(x)
(M)(x)
- (7) If the MTTR is greater than 2.5 hours over the calendar month for all of customer's Qualifying Services, then a credit equal to twenty-five percent (25%) of the monthly recurring rate(s) for the affected Qualifying Service applies for those Qualifying Services that were the subject of a trouble ticket during the measured calendar month whose TTR exceeded 2.5 hours. Only one (1) such credit is allowed in a single month's billing period. If the MTTR is 2.5 hours or less on all of customer's Qualifying Services, then no credit applies to any Qualifying Service, even if the TTR on a particular Qualifying Service exceeded such threshold. (T)(x)
(M) |
- (D) Qualifying Services will not be included in threshold measurements under this Section 2.7.2.1 and will not be eligible for credits under this Section 2.7.2.1, when any of the conditions set forth in Section 2.7.4(B) following exist. (T) |
(T) |
(M)(x)

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2.7 Service Level Agreements (Cont'd)

2.7.2 Enhanced Service Level Agreements (Enhanced SLAs) (Cont'd)

2.7.2.2 Reserved for Future Use

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2.7.2 Enhanced Service Level Agreements (Enhanced SLAs) (Cont'd)

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2.7.2.3 Reserved for Future Use

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.2 Enhanced Service Level Agreements (Enhanced SLAs) (Cont'd)

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2.7 Service Level Agreements (Cont'd)

2.7.2 Enhanced Service Level Agreements (Enhanced SLAs) (Cont'd)

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2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)2.7.3 National Service Level Agreements (National SLAs)

Regulations pertaining to National SLAs are contained in this tariff as specified following:

<u>Description</u>	<u>Tariff Reference</u>	
Reserved for Future Use	2.7.3.1	
Reserved for Future Use	2.7.3.2	(C)
Service Response Credits	2.7.3.3	
Reserved for Future Use	2.7.3.4	(C)

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2.7.3.1 Reserved for Future Use

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2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)2.7.3 National Service Level Agreements (National SLAs) (Cont'd)2.7.3.3 Service Response Credits

- (A) The following lists the services that are subject to optional SRCs:

(1) Exchange Access Frame Relay Service (FRS) Section 16.3.1

ATM Cell Relay Service Section 16.6.1

(2) (D)
(D)

National TLS Section 16.11

- (B) Service Response Credits apply to the following categories:

- On Time Provisioning
- Mean Time to Repair (MTTR)
- Network Availability

The Service Response Credits apply against the following rate elements:

ATM CRS UNI Port with Access Line Connection
ATM CRS IISP Port with Access Line Connection

FRS UNI Port with Access Line Connection

(D)

National TLS Ethernet Virtual Circuit (EVC)

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(C) General (M)(x)

(1) Maximum Amounts of Service Response Credits (M)(x)

(a) Services Listed in Section 2.7.3.3(A)(1) preceding (T)(x)

The combined total of any Service Response Credits applied to an individual service may not exceed the following thresholds: (M)(x)

- For any calendar month, the total monthly recurring charges billed to the customer of record for qualifying individual rate element(s) for that month
- For any calendar year, ten percent (10%) of the total revenue of the prior calendar year billed to the customer of record for qualifying rate elements, or \$200,000 per individual service, whichever is the lesser. For any calendar year in which a Customer did not have qualifying service in the prior calendar year, \$75,000 per individual service. (M)(x)

(b) Services Listed in Section 2.7.3.3(A)(2) preceding (T)(x)

- For any calendar month, the total SRCs for a qualifying individual rate element shall not exceed twenty percent (20%) of the monthly recurring charge billed to the customer of record for that qualifying individual rate element for that month. This limitation shall apply even if the customer was eligible for SRCs for a rate element under more than one metric. For instance, if for a rate element for a calendar month the customer was eligible for SRCs under two metrics (such as MTTR and Network Availability), the SRC due to the customer would be limited to 20% of the monthly recurring charge billed to the customer for that rate element for that month, even though the total of the SRCs provided for in the two metrics when added together would be 40% of the monthly recurring charge billed to the customer for that rate element for that month. (M)(x)
- The combined total of any Service Response Credits applied to an individual service may not exceed the following threshold: For any calendar year, ten percent (10%) of the total revenue of the prior calendar year billed to the customer of record for qualifying rate elements, or \$200,000 per individual service, whichever is the lesser. For any calendar year in which a Customer had less than 12 full months of revenue for a qualifying service in the prior calendar year or had no qualifying service in the prior calendar year, \$20,000 per individual service. (M)(x)

Certain material previously found on this page can now be found on Original Page 2-118.

(x) Certain material on this page formerly appeared on Original Page 2-55.1.1.

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(T)

2.7.3.3 Service Response Credits (Cont'd)

(T)(x)

(C) General (Cont'd)

(M)(x)

- (2) To receive SRCs on eligible rate elements, customer must have rate elements listed in its initial subscription submitted under Section 2.7.3.3(D)(1) based on the established customer of record, or have ordered the eligible rate elements subsequent to its initial subscription. The Telephone Company reserves the right to change, alter or discontinue the optional SRC plan at its discretion.

(M)

(T)

(M)

- (3) All service performance and provisioning measurements are conducted using Telephone Company monitoring systems and procedures. The Telephone Company may change these systems and procedures at its sole discretion. In performing measurements of overall Mean Time To Repair and Network Availability as set forth in 2.7.3.3 (F) and (G) following, the Telephone Company shall include data measured from throughout the territories covered by this tariff and The Verizon Telephone Companies Tariff F.C.C. No. 20 under Service Response Credit plans offered in such tariffs.

(M)

(T)

(M)

- (4) To receive credit, the Telephone Company must receive from the customer a written request for credit within 30 calendar days of the end of the SRC monitoring period. The customer's request for credit must be submitted to the appropriate Telephone Company entity (office or interface) in a manner prescribed by the Telephone Company. The request must include a list of all impacted circuit/connection identification numbers and the type of SRC requested for each circuit/connection. The SRC monitoring period is based on a calendar month.

(D) Responsibility of the Customer

(1) General

To participate in the SRC plan, the customer must meet the qualifications set forth in 2.7.3.3 (D)(2), following, for FRS and 2.7.3.3 (D)(3), following for ATM CRS, and, for all services, submit a subscription in writing, including a list of all qualifying rate elements. The Telephone Company reserves the right to change, alter or discontinue the optional SRC plan at its discretion.

(M)

(T)

(T)

(M)

(M)(x)

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(x) Certain material on this page formerly appeared on 4th Revised Page 2-55.2.

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(T)

2.7.3.3 Service Response Credits (Cont'd)

(T)(x)

(D) Responsibility of the Customer (Cont'd)

(M)(x)

(2) Qualifications for Frame Relay Service (FRS) Customers

FRS customers will be eligible for SRC when the meet the following requirements:

- Subscribe to and maintain a minimum of 50 FRS User Network Interfaces (UNI) Port With Access Line Connections, each of which must have been in-service for at least one calendar month; and
- Customer must have at least 36 months remaining in an applicable term plan commitment period at the time of initial subscription to SRC. Customer may renew or extend an existing term plan commitment period in order to meet the 36 month minimum for initial qualification.

(3) Qualifications for ATM Cell Relay Service (CRS) Customers

ATM CRS customers will be eligible for SRC when the meet the following requirements:

- Subscribe to and maintain a minimum of 25 ATM CRS DS1 UNI Port with Access Line Connections, each of which must have been in-service for at least one calendar month; or
- Subscribe to and maintain a minimum of 25 ATM CRS DS1 Interim Inter-Switch Signaling Protocol (IISP) Port with Access Line Connections, each of which must have been in-service for at least one calendar month; or
- Subscribe to and maintain a minimum of 15 ports using any combination of ATM CRS DS3, OC3c or OC12c UNI Port with Access Line Connections or ATM CRS DS3, OC3c or OC12c IISP Port with Access Line Connections, each of which must have been in-service for at least one calendar month; and
- Customer must have at least 36 months remaining in an applicable term plan commitment period at the time of initial subscription to SRC. Customer may renew or extend an existing term plan commitment period in order to meet the 36 month minimum for initial qualification.

(M)(x)

Certain material previously found on this page can now be found on Original Page 2-106.1 and 2-120.

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(E) On Time Provisioning

On Time Provisioning is defined as the Telephone Company providing service to the customer no later than the Firm Order Commitment (FOC) due date provided by the Telephone Company plus twenty-four (24) hours. For these purposes, "providing service" is defined as successful completion of testing of the circuit/connection and rate element by the Telephone Company. The FOC due date is provided to the customer at the time an order is verified for order accuracy, availability of required facilities and components, and completion of design and ordering related forms and documents (including, but not limited to, network design, configuration and data gathering form(s), and ASRs).

If the Telephone Company does not meet the FOC due date plus 24 hours for a rate element, due to Telephone Company reasons, an On-Time Provisioning SRC equal to a percentage of the associated monthly recurring charge for the rate element for the month in which the due date was missed will apply.

<u>SRC Eligible Service</u>	<u>Applicable Percentage</u>
ATM	50%
FRS	50%
National TLS	20%

(D)

(1) The On-Time Provisioning SRC does not apply:

- (a) Where facilities sufficient to provision the order do not exist;
- (b) Where special construction of facilities is required;
- (c) When the FOC date is missed because the customer is not ready to accept service on the FOC date;
- (d) When the customer changes the order after receiving the FOC date from the Telephone Company;
- (e) On orders for which an expedited interval has been requested;
- (f) On orders for disconnection; or
- (g) When one or more of the conditions set forth in Section 2.7.3.3 (H) apply.

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(F) Mean Time to Repair (MTTR)

- (1) MTTR applies to a customer-reported interruption of service on a subscribed rate element that is within the Telephone Company's network (outside plant or central office).
- (2) Interruption of Service or Trouble is defined as a condition which renders a service unusable to the customer due to a failure of a facility component within the Telephone Company's network that is used to furnish the service. The Telephone Company reserves the right to determine when the service is unusable based on its internal procedures. When the customer reports trouble to the Company-designated entity for such reports, a trouble ticket is opened.
- (3) MTTR for a calendar month shall be the average of all ticket outage duration, or Time to Repair (TTR), as calculated by the Telephone Company. The TTR is the Restored Date and Time (the trouble ticket closed time) minus the reported Date and Time (the trouble ticket start time) minus any stop clock time associated with hold, no access or suspend that was logged against the Trouble Report. Stop clock time includes, but is not limited to, the following times:
 - (a) Periods when customer testing is occurring.
 - (b) Periods when customer is working on its own Customer Premises Equipment (CPE) and has not yet released the circuit/connection to the Telephone Company for maintenance, testing or repair.
 - (c) Periods when the Telephone Company is awaiting customer authorization to commence work on the circuit/connection.
 - (d) Periods when the Telephone Company is denied access to premises or facilities as necessary to diagnose, repair or test a circuit/connection.
 - (e) Periods following repair of a circuit/connection when the ticket is held open by the customer to ensure the trouble is resolved.
 - (f) Periods when pre-defined maintenance windows have been established between the Telephone Company and the customer.
 - (g) For National TLS, service interruptions related to provisioning of a new EVC. (D)

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(F) Mean Time to Repair (MTTR) (Cont'd)

(3) (Cont'd)

MTTR is calculated by summing TTR for all measured tickets for customer for the month and dividing by the total number of tickets for that customer during that month.

MTTR excludes any subsequent reports (i.e., additional customer inquiries while the trouble is pending), CPE troubles, no trouble found, trouble found on the customer's side of the point of demarcation, troubles closed due to customer action and troubles repaired by the Telephone Company prior to receipt of a trouble report on that circuit/connection.

The following one-time MTTR SRC applies per rate element per calendar month period.

For ATM and FRS, when the overall MTTR is greater than 4 hours SRCs apply as follows:

- (a) A credit equal to 50% of the monthly recurring charge (MRC) applies per rate element that was the subject of a trouble ticket during the monitoring period whose open duration exceeded 4 hours but did not exceed 8 hours.
- (b) A credit equal to 100% of the monthly recurring charge (MRC) applies per rate element that was the subject of a trouble ticket during the monitoring period whose open duration exceeded 8 hours.

For National TLS, when the overall MTTR is greater than 4 hours SRCs apply as follows: (D)

A credit equal to 20% of the monthly recurring charge (MRC) applies per rate element that was the subject of a trouble ticket during the monitoring period whose open duration exceeded 4 hours.

(4) The MTTR SRC does not apply:

- (a) When the customer fails to report the outage to the Telephone Company;
- (b) When a circuit/connection has been in service for less than one full calendar month;
- (c) When an interruption of service is 4 hours or less; or
- (d) When one or more of the conditions set forth in 2.7.3.3 (H) apply.

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(G) Network Availability

Network Availability refers to the percentage of time over a measured calendar month that the service is available for use by the customer. The Telephone Company threshold for Network Availability is 99.90% in a calendar month.

Network Availability is calculated based upon the total number of minutes in a calendar month that a customer was actually in service divided by the total number of minutes in that month that a customer could have been in service for a given set of service component(s).

Network Availability = (1,440 minutes x number of days in month x number of service components) - (Number of minutes service was interrupted during month) and then divided by the possible number of available minutes for the month (1,440 minutes x number of days in month x number of service components).

<u>SRC Eligible Service</u>	<u>Service Component Used in Calculation</u>
ATM	port
FRS	port
National TLS	EVC

(D)

For example: A customer has 50 ports in the month of July. July has 31 days; 1,440 minutes per day. Three ports were out of service over the course of the month for 120 minutes each or a total of 360 minutes. Network availability would be calculated by (1,440 minutes/day x 31 days x 50 ports) = 2,232,000 minutes less 360 minutes out of service = 2,231,640 minutes of actual customer network availability. 2,231,640 is divided by 2,232,000 which equals that customer's July Network Availability of 99.98%.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)2.7.3 National Service Level Agreements (National SLAs) (Cont'd)2.7.3.3 Service Response Credits (Cont'd)(G) Network Availability (Cont'd)

The Number of Minutes Out of Service is computed in the same fashion as the number of minutes for Time to Repair. If overall Network Availability is less than the threshold of 99.90%, then a Network Availability SRC equal to a percentage of the associated monthly recurring charge (MRC) will apply for the applicable individual rate elements for the service components that do not achieve the threshold. The Telephone Company will not round up to the calculation reach the 99.90% threshold.

<u>SRC Eligible Service</u>	<u>Applicable Percentage</u>
ATM	10%
FRS	10%
National TLS	20%

(D)

The Network Availability SRC does not apply:

- (a) When a customer fails to report the outage to the Telephone Company.
- (b) When a circuit/connection has been in service for less than one full calendar month.
- (c) When one or more of the conditions set forth in Section 2.7.3.3(H) apply.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)2.7.3 National Service Level Agreements (National SLAs) (Cont'd)2.7.3.3 Service Response Credits (Cont'd)

(H) Service Response Credits do not apply under the following conditions:

- (1) The negligence of the customer or other party authorized by the customer to use the service;
- (2) Interruptions, failures or delays due to power, equipment, service or systems not provided by the Telephone Company;
- (3) Interruptions, failures or delays in customer-owned or installed equipment;
- (4) Interruptions, failures or delays at any time in which the Telephone Company or the Telephone Company's agents are not granted reasonable access to the premises where access lines associated with the service are terminated;
- (5) Interruptions, failures or delays as a result of customer authorized maintenance, rearrangement of services or implementation of an order;
- (6) Interruptions, failures or delays resulting from a customer's refusal to release service(s) for testing and/or repair;
- (7) Interruptions, failures or delays due to acts of God or the public enemy, compliance with any order of any governmental authority, acts of terrorism, war, rebellion, insurrection or sabotage or damage resulting therefrom, fires, floods, earthquakes, unusually severe weather, explosions, washouts, rules and regulations with regard to common carriers, accidents, epidemics, breakdowns, riots, strikes or other concerted acts of its employees, whether direct or indirect, lockouts or other industrial disturbances, whether direct or indirect, worms, viruses or other contaminants that may cause damage to or disable software, computer or electronic systems, or any similar cause, or other causes beyond such party's reasonable control;
- (8) Interruptions, failures or delays due to the hours of scheduled maintenance and scheduled downtimes where customer has received prior notification from the Telephone Company;
- (9) For National TLS, interruptions, failures or delays during periods that maintenance and network upgrades are being performed; or (D)
- (10) During periods of temporary discontinuance as set forth in 2.2.1 preceding.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.3 National Service Level Agreements (National SLAs) (Cont'd)

2.7.3.4 Reserved for Future Use

(C)

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(D)

(D)

(D)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.3 National Service Level Agreements (National SLAs) (Cont'd)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.3 National Service Level Agreements (National SLAs) (Cont'd)

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2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.3 National Service Level Agreements (National SLAs) (Cont'd)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.3 National Service Level Agreements (National SLAs) (Cont'd)

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2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.3 National Service Level Agreements (National SLAs) (Cont'd)

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2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.3 National Service Level Agreements (National SLAs) (Cont'd)

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2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.3 National Service Level Agreements (National SLAs) (Cont'd)

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2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.3 National Service Level Agreements (National SLAs) (Cont'd)

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2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.3 National Service Level Agreements (National SLAs) (Cont'd)

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2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.3 National Service Level Agreements (National SLAs) (Cont'd)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)2.7.4 When a Credit Allowance Does Not Apply

(A) On Time Provisioning

This Section 2.7.4(A) applies to and supplements Section 2.7.1.2 preceding, Missed Installation Due Dates, Section 2.7.2 preceding, Enhanced Service Level Agreements, and Section 2.7.3 preceding, (C)
National Service Level Agreements (except Section 2.7.3.3 preceding, (C)
Service Response Credits). Services will not be included in (C)
performance measurements and credits will not apply, when:

- (1) Provision of service is delayed or prevented due to the acts or omissions of the customer or a party authorized by the customer to use the service; or
- (2) Provision of service is delayed or prevented due to failures in power, equipment, service, or systems provided by the customer or by persons other than the Telephone Company; or
- (3) The customer's premises is inaccessible; or
- (4) The customer changes the order after receiving the confirmed Due Date from the Telephone Company; or
- (5) The customer changes its interface requirements; or
- (6) The customer is not ready to accept service; or
- (7) Independent Telephone Companies are involved in the service installation; or
- (8) Building facilities are not ready (includes space, cable support structures, building risers, and entrance facilities to be provided by persons other than the Telephone Company); or
- (9) The customer orders termination beyond the Network Interface; or
- (10) The installation requires Special Construction as set forth in Section 5.1.3 following; or

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

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

$$(\mathbf{T})(\mathbf{x})$$

(A) Missed Installation Due Dates/On Time Provisioning (Cont'd)

$$(T)(x)$$

- | | | | |
|---|--------|-----|-----|
| (11) The customer requests Specialized Service or Arrangements as set forth in Section 12 following or services for which rates were developed on an individual case basis (ICB); or | (T)(x) | (M) | (x) |
| (12) The order is for Service Changes, Service Rearrangements, or Moves as described in Section 7.4.1(C)(3), 7.4.1(C)(4) and 7.4.5(A) following, respectively; or | (T)(x) | (M) | (x) |
| (13) Provision of service is delayed or prevented due to the Telephone Company's provision of National Security Emergency Preparedness telecommunications service as described in Section 10.8.1(D) following; or | (T)(x) | (M) | (x) |
| (14) A delay or failure in the provision of service is required, permitted or excused by this Tariff; or | (T)(x) | (M) | (x) |
| (15) Provision of service is delayed or prevented due to acts of God or the public enemy, compliance with any law or any regulation or order of any governmental authority, acts of terrorism, war, rebellion, insurrection or sabotage or damage resulting therefrom, fires, floods, earthquakes, volcanic action, unusually severe weather, explosions, washouts, rules and regulations with regard to common carriers, accidents, epidemics, riots, strikes or other concerted acts of employees, whether direct or indirect, lockouts or other industrial disturbances, whether direct or indirect, worms, viruses or other contaminants that may cause damage to or disable software, computer or electronic systems, or any similar cause, or other causes beyond the Telephone Company's reasonable control. | (T)(x) | (M) | (x) |

(x) Certain material on this page formerly appeared on 1st Revised Page 2-55 and Original Page 2-108.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)2.7.4 When a Credit Allowance Does Not Apply (Cont'd)

(B) Service Interruptions/Mean Time to Restore/Availability

This Section 2.7.4(B) applies to and supplements Section 2.7.1.1 preceding, Credit Allowance for Service Interruptions, Section 2.7.2 preceding, Enhanced Service Level Agreements, and Section 2.7.3 preceding, National Service Level Agreements (except Section 2.7.3.3 preceding, Service Response Credits). Services will not be included in performance measurements and credits will not apply: (C) (C) (C)

- (1) When the customer fails to report the interruption to the Telephone Company (excluding DS3 Integrated Optical Service Riders); or
- (2) When the interruption was caused by the act or omission of the customer or a party authorized by the customer to use the service; or
- (3) When the interruption was due to the failure of power, equipment, service, or systems provided by the customer or persons other than the Telephone Company; or
- (4) For any period in which the Telephone Company is not afforded access to the premises where the service is terminated; or
- (5) When the customer has released the 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 this Section 2.7 applies); or
- (6) For any period of scheduled maintenance or scheduled downtime where the customer has received prior notification from the Telephone Company; or
- (7) When interruptions occur or continue because of the failure of the customer to authorize the replacement of any element of special construction, as set forth in the Interstate Special Construction Tariffs as mentioned in Section 1.5 preceding; or

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ACCESS SERVICE

2. General Regulations (Cont'd)2.7 Service Level Agreements (Cont'd)2.7.4 When a Credit Allowance Does Not Apply (Cont'd)

(B) Service Interruptions/Mean Time to Restore/Availability (Cont'd)

- (8) For periods when the customer elects not to release the service for testing and/or repair; or
- (9) For periods of temporary discontinuance as set forth in Section 2.2.1(B) preceding; or
- (10) When an interruption is required, permitted or excused by this Tariff; or
- (11) For interruptions, failures or delays due to acts of God or the public enemy, compliance with any law or any regulation or order of any governmental authority, acts of terrorism, war, rebellion, insurrection or sabotage or damage resulting therefrom, fires, floods, earthquakes, volcanic action, unusually severe weather, explosions, washouts, rules and regulations with regard to common carriers, accidents, epidemics, riots, strikes or other concerted acts of employees, whether direct or indirect, lockouts or other industrial disturbances, whether direct or indirect, worms, viruses or other contaminants that may cause damage to or disable software, computer or electronic systems, or any similar cause, or other causes beyond the Telephone Company's reasonable control (except that, this Section 2.7.4(B)(11) does not apply to Section 2.7.1.1, excluding the SASG as set forth in Section 2.7.1.1.(B)(7), to which this Section 2.7.4(B)(11) shall apply). (C)
|
(C)
- (12) For an interruption, or a group of interruptions resulting from a common cause, for amounts less than five dollars; or
- (13) For an interruption or a group of interruptions on switched access service during a billing period when the customer's usage exceeds the minimum requirements; or
- (14) For any interruption of LAN Extension Service.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.8 Sale or Transfer of a Verizon Operating Telephone Company's Assets and/or Stock to an Unaffiliated Third Party

(N)

This Section 2.8 shall apply: (i) if the Telephone Company sells or transfers all or a portion of the assets or stock of a Verizon Operating Telephone Company (e.g., Verizon New Jersey Inc.) to an unaffiliated third party ("**Transfer**"); and (ii) a service offering or Service Level Agreement (SLA) of this tariff as referenced in this Section 2.8 does not include terms and conditions relating to a Transfer.

2.8.1 General

The terms and conditions set forth in Section 2.8.2 following shall apply:

- (A) when a customer subscribes to a service offering under this tariff that aggregates the customer's purchases from the Telephone Company to measure compliance with such service offering or the customer participates in a SLA that aggregates the customer's measured transactions, and;
- (B) the service offering or SLA does not include terms and conditions pertaining to a Transfer; and
- (C) as a result of the Transfer, one or more of the following conditions occur solely as a result of the Telephone Company no longer providing the same quantity of services:
 - (1) the customer no longer satisfies the minimum requirements of the service offering or SLA;
 - (2) the customer is subject to a related penalty, termination liability or cancellation;
 - (3) the customer is subject to a change in the tier of a volume table or a rate table; and
 - (4) the customer is subject to a change in the rate level of the service offering.

2.8.2 Undertaking of the Telephone Company Following a Transfer

When the conditions set forth in 2.8.1 preceding exist, the Telephone Company will utilize the following terms and conditions, as applicable.

- (A) If the service offering includes specific minimum ordering requirements for participation, or requires that the customer achieve a minimum number of services, minimum number of rate elements, and/or minimum revenue within a specific geographic area in order to continue its subscription to the service offering or participation in a pricing plan for such service offering (each, a **Minimum Requirement**), the Telephone Company will apply the terms and conditions of this Section 2.8.2(A). The following service offerings have Minimum Requirements that are subject to this Section 2.8.2(A):

(N)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.8 Sale or Transfer of a Verizon Operating Telephone Company's Assets
and/or Stock to an Unaffiliated Third Party (Cont'd)2.8.2 Undertaking of the Telephone Company Following a Transfer (Cont'd)

(A) (Cont'd)

- IntelliLightSM Shared Assurance Network as set forth in Sections 6.8.25(C)(2) and 7.2.14(C)(3) following
- Directory Assistance Service as set forth in Section 9 following
- InterLATA Operator Services as set forth in Section 13.3.13 following
- Exchange Access Frame Relay Service Rate Stability Plan as set forth in Section 16.3.2 following
- Call Management Signaling Service as set forth in Section 20.1.2 following
- TCP/IP Data Aggregation Service as set forth in Section 22.1 following

(D)

(D)

In the event of a Transfer, the following applies.

- (1) The Telephone Company will, consistent with the service offering, determine if the customer satisfies the Minimum Requirement for the service offering with the reduced quantity of services the Telephone Company provides to the customer following the Transfer; and

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ACCESS SERVICE

2. General Regulations (Cont'd)2.8 Sale or Transfer of a Verizon Operating Telephone Company's Assets and/or Stock to an Unaffiliated Third Party (Cont'd)2.8.2 Undertaking of the Telephone Company Following a Transfer (Cont'd)

(A) (Cont'd)

- (2) if the customer does not satisfy the Minimum Requirement following the Transfer, determine if the customer would have satisfied the Minimum Requirement had the Transfer not occurred. If the customer would have satisfied the Minimum Requirement had the Transfer not occurred, then no further action shall be taken and the customer will be considered to have satisfied the Minimum Requirement. If the customer would not have satisfied the Minimum Requirement had the Transfer not occurred, then the terms and conditions for such result shall apply under the applicable service offering, except that the calculation of any penalty associated with not satisfying the Minimum Requirement shall be reduced pro-rata to reflect the Transfer. Upon renewal of the customer's commitment period for such service offering or subsequent subscription to such service offering, as applicable, the terms and conditions set forth in the applicable section(s) of this tariff shall apply, including satisfying the Minimum Requirement for such service offering using only the quantity of services the customer purchases from the Telephone Company at the time of renewal or subsequent subscription.

For example, assume Verizon Virginia LLC transfers a portion of its assets to an unaffiliated third party. Further assume that a customer subscribes to Call Management Signaling Service under Section 20.1.2 following which has a minimum monthly billing of one million (1,000,000) call signals per month. Also assume that following the Transfer, the volume of call signals recorded for the customer at the next scheduled review is nine hundred fifty thousand (950,000), and that an estimated one hundred thousand (100,000) call signals were associated with the services transferred to the unaffiliated third party. In this case, the Telephone Company would determine if the customer would have satisfied the minimum number of call signals had the Transfer not occurred by adding (i) the estimated number of call signals associated with the services transferred to the unaffiliated third party and; (ii) the recorded number of call signals for the period of review [950,000 + 100,000 = 1,050,000 call signals]. Based on this calculation, the customer would have satisfied the Minimum Requirement and will not incur any shortfall charges. However, if the result of such calculation was that the customer still did not satisfy the Minimum Requirement for the service, then the terms and conditions for such result shall apply under Section 20.1.2 following, except that the calculation of shortfall charges shall be reduced pro-rata to reflect the Transfer. (T)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.8 Sale or Transfer of a Verizon Operating Telephone Company's Assets
and/or Stock to an Unaffiliated Third Party (Cont'd)

(D)

(D)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.8 Sale or Transfer of a Verizon Operating Telephone Company's Assets and/or Stock to an Unaffiliated Third Party (Cont'd)

(N)

2.8.2 Undertaking of the Telephone Company Following a Transfer (Cont'd)

(C) If the service offering applies rates or credits based on a volume-based tier structure, the Telephone Company will apply this Section 2.8.2(C). The following service offering has a volume-based tier structure that is subject to this Section 2.8.2(C).

- Internet Protocol Routing Service (IPRS) as set forth in Section 16.5.3 following

In the event of a Transfer, the following applies.

- (1) The Telephone Company will calculate an adjustment to be used in each scheduled review/true-up following the Transfer for the balance of the customer's current term (**Transfer Adjustment**). The Transfer Adjustment (which will be calculated using the actual number of units transferred to the unaffiliated third party) offsets the reduced volume achieved by the customer solely as a result of the Transfer (**Transfer Adjustment Units**) by summing: (i) the actual volume units achieved by the customer during the applicable review/true-up period (**Actual Units**); and (ii) the Transfer Adjustment Units. The resulting volume of units (**Adjusted Units**) shall be used in all applicable review/true-up calculations for the balance of the customer's current term. Upon completion of the current term, the terms and conditions set forth in the applicable section(s) of this tariff shall apply using only the quantity of services the customer purchases from the Telephone Company with no further Transfer Adjustments being applied; and

(N)

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2. General Regulations (Cont'd)2.8 Sale or Transfer of a Verizon Operating Telephone Company's Assets and/or Stock to an Unaffiliated Third Party (Cont'd)

(N)

2.8.2 Undertaking of the Telephone Company Following a Transfer (Cont'd)

(C) (Cont'd)

- (2) if, after applying the Transfer Adjustment, the customer still fails to maintain the same volume tier, the terms and conditions applicable to such result apply in accordance with the service offering, except that the calculation of any penalty associated with attaining a lesser volume tier shall be reduced pro-rata to reflect the Transfer.

For example, assume Verizon Maryland Inc. transfers a portion of its assets to an unaffiliated third party. Further assume a customer who subscribes to IPRS under a 3 year term has 15,000 dial-up ports at the time of the Transfer (i.e., the rates applicable to 15,000 dial-up ports are the second volume tier rates for IPRS) and that 6,500 dial-up ports were transferred to an unaffiliated third party at the time of the Transfer. Further assume that at the next scheduled review/true-up following the Transfer, the customer has 9,500 dial-up ports in-service for which rates would normally apply at the first volume tier for IPRS. In this case, the Telephone Company will apply a Transfer Adjustment which adds the 6,500 dial-up ports lost in the Transfer (the Transfer Adjustment units) to the 9,500 dial-up ports the Telephone Company still provides to the customer (the Actual Units), the result of which is 16,000 dial-up ports (the Adjusted Units) and rates continue to be applied at the second volume tier for IPRS.

(N)

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2. General Regulations (Cont'd)

2.8 Sale or Transfer of a Verizon Operating Telephone Company's Assets
and/or Stock to an Unaffiliated Third Party (Cont'd)

2.8.2 Undertaking of the Telephone Company Following a Transfer (Cont'd)

- (D) For Service Level Agreements (SLAs), a customer who participates in one of such SLAs prior to a Transfer shall continue with such SLA for the balance of the subscription term, regardless of whether or not the customer is able to satisfy the requirement(s) of the SLA using the reduced quantity of services the Telephone Company provides to the customer following a Transfer. The following SLAs are subject to this Section 2.8.2(D):

(D)

(D)

Service Response Credits as set forth in Section 2.7.3.3 preceding.

(T)

(D)

(D)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.9 Technology Migration

(A) General

When a customer (for purposes of this Section 2.9, the term customer includes an Interexchange Carrier or Interexchange Common Carrier, an End User, or a Collocator, each as defined in Section 2.6 preceding) who subscribes to a DS1 High Capacity Service Term Pricing Plan under Section 7.4.17 following, a DS3 High Capacity Service Term Pricing Plan under Section 7.4.13 following, Commitment Discount Plan (CDP) under Section 25.1 following, or National Discount Plan (NDP) under Section 25.3 following wishes to disconnect certain Special Access High Capacity Services (each a **Hi-Cap Disconnect**) in order to replace them with a Telephone Company provided Ethernet private line service or a Telephone Company provided switched Ethernet service (each such service hereinafter referred to individually or collectively as a **Replacing Service** and each such replacement hereinafter referred to as a **Technology Migration**), the terms and conditions that apply to such Technology Migration are as follows:

- (1) For customers who subscribe to a DS1 High Capacity Service Term Pricing Plan, this Section 2.9 applies to all of its Technology Migrations ordered on or after December 2, 2010.
- (2) For customers who subscribe to a DS3 High Capacity Service Term Pricing Plan, this Section 2.9 applies to all of its Technology Migrations ordered on or after December 2, 2010.
- (3) For customers who subscribe to a CDP, this Section 2.9 applies to Technology Migrations ordered on or after December 2, 2010.
- (4) For customers who subscribed to an NDP prior to December 2, 2010, the customer may choose to apply either the upgrade terms and conditions set forth in Section 25.3.7 following to a Technology Migration or the terms and conditions for a Technology Migration set forth in this Section 2.9. The terms and conditions that the customer chooses for the first such order placed on or after December 2, 2010 shall be the same terms and conditions that will apply to all of the customer's subsequent Technology Migration orders during the remainder of the current term commitment.

For customers who subscribe to an NDP on or after December 2, 2010, or renew their subscription to an NDP on or after December 2, 2010, this Section 2.9 applies to each Technology Migration ordered on or after December 2, 2010.

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2. General Regulations (Cont'd)2.9 Technology Migration (Cont'd)

(N)

- (B) In the event a customer fails to specify the provision to be applied under (A)(5) preceding, the Telephone Company will apply the regulations in this Section 2.9 for the initial Technology Migration order submitted and for all future Technology Migration orders the customer submits during the remainder of the current term commitment.

2.9.1 Service Under a DS1 High Capacity Service Term Pricing Plan

- (A) Termination liability will not apply to a Technology Migration of a service under a DS1 High Capacity Service Term Pricing Plan if all of the requirements in Section 2.9.6 following are satisfied for that service.
- (B) The customer remains responsible for satisfying any Minimum Period obligations on the service(s) being disconnected.

2.9.2 Service Under a DS3 High Capacity Service Term Pricing Plan

- (A) Termination liability will not apply to a Technology Migration of a service under a DS3 High Capacity Service Term Pricing Plan if all of the requirements in Section 2.9.6 following are satisfied for that service.
- (B) The customer remains responsible for satisfying any Minimum Period obligations on the service(s) being disconnected.

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2. General Regulations (Cont'd)

2.9 Technology Migration (Cont'd)

2.9.3 Reserved for Future Use

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2. General Regulations (Cont'd)2.9 Technology Migration (Cont'd)

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2.9.4 Service Under a Commitment Discount Plan

- (A) Effect on CDP True-Up for Each Service Type or Combined Service Type

In the first true-up following a Technology Migration and in all subsequent true-ups until the expiration of the current term commitment, the Telephone Company will include, for each Hi-Cap Disconnect that was replaced by a Replacing Service on or after December 2, 2010, the number of DS0 equivalents for the Hi-Cap Disconnect in the calculation of the average number of DS0 equivalents which were actually in service over the preceding six (6) months as if such Hi-Cap Disconnect had never occurred. Only those services that satisfy all of the requirements set forth in Section 2.9.6 following will be included in this calculation. The true-up process for a CDP is described in Section 25.1.7 following.

Upon renewal of the customer's CDP, the DS0 equivalents of each Technology Migration that occurred during the expiring term commitment will not be included in the true-up calculations of the renewal term. However, for each Hi-Cap Disconnect that is replaced by a Replacing Service during the renewal term, the Telephone Company will include the number of DS0 equivalents for such Technology Migration in the true-up calculations in the same manner that such DS0 equivalents were included in the expiring term commitment.

- (B) The customer remains responsible for satisfying any Minimum Period obligations on the service(s) being disconnected.

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2. General Regulations (Cont'd)2.9 Technology Migration (Cont'd)2.9.5 Service Under a National Discount Plan

(A) Effect on NDP Annual True-Up

In the first Annual True-Up following a Technology Migration and in all subsequent Annual True-Ups until the expiration of the current term commitment, the Telephone Company will include the following in the calculation of the average number of equivalent DS1 CTs and equivalent DS1 CMs which were actually in service over the preceding twelve (12) months:

One hundred percent (100%) of the number of equivalent DS1 CTs and the number of equivalent DS1 CMs for each DS1 or DS3 Hi-Cap Disconnect that was replaced by a Replacing Service on or after December 2, 2010 as if such Hi-Cap Disconnect had never occurred; and

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Upon renewal of the customer's NDP, the equivalent DS1 CTs and equivalent DS1 CMs of each Technology Migration that occurred during the expiring term commitment will not be included in the Annual True-Up calculations of the renewal term. However, for each Hi-Cap Disconnect that is replaced by a Replacing Service during the renewal term, the Telephone Company will include the number of equivalent DS1 CTs and the number of equivalent DS1 CMs for such Technology Migration in the Annual True-Up calculations in the same manner that such equivalent DS1 CTs and equivalent DS1 CMs were included in the expiring term commitment.

Only those services that satisfy all of the requirements set forth in Section 2.9.6 following will be included in this calculation. The Annual True-Up process for an NDP is described in Section 25.3.7 following.

(B) The customer remains responsible for satisfying any Minimum Period obligations on the service(s) being disconnected.

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2. General Regulations (Cont'd)2.9 Technology Migration (Cont'd)2.9.6 Requirements For a Technology Migration

In order to qualify for a waiver of termination liability under either Section 2.9.1 or 2.9.2 preceding, or to qualify for the true-up calculations under Section 2.9.4 preceding for a CDP, or Section 2.9.5 preceding for NDP, all of the following requirements must be satisfied.

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(A) Length of Commitment Requirements

If one (1) Hi-Cap Disconnect is replaced with one (1) Replacing Service, the Replacing Service must be purchased with a term commitment equal to or longer than the number of months remaining in the term commitment of the Hi-Cap Disconnect. If the Replacing Service does not offer a term commitment that is equal to or longer than the number of months remaining in the term commitment for the Hi-Cap Disconnect, then the customer must elect the longest term offered for the Replacing Service in order to satisfy this requirement.

Example: The customer disconnects one (1) DS1 High Capacity Service in order to replace it with one (1) Replacing Service. Assume that the customer has 24 months remaining on the DS1 High Capacity Service term commitment period of 84 months. If the Replacing Service has a term period of at least 24 months, then the customer shall have satisfied this requirement.

If multiple Hi-Cap Disconnects are replaced with one (1) or more Replacing Services, each of the Replacing Services must be purchased with a term commitment equal to or longer than the most number of months remaining on the commitments of any of the Hi-Cap Disconnects. If the Replacing Service(s) does not offer a term commitment that is equal or longer than the most number of months remaining on the commitments of any of the Hi-Cap Disconnects, then the customer must elect the longest term offered for the Replacing Service(s) in order to satisfy this requirement.

Example 1: The customer disconnects two (2) DS1 High Capacity Services in order to replace them with one (1) Replacing Service. Assume that the customer has 24 months remaining on the DS1 High Capacity Service term commitment period of 60 months and 18 months remaining on the DS1 High Capacity Service term commitment period of 36 months. If the Replacing Service has a term period of at least 24 months, then the customer shall have satisfied this requirement.

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2. General Regulations (Cont'd)2.9 Technology Migration (Cont'd)2.9.6 Requirements For a Technology Migration (Cont'd)

(A) Length of Commitment Requirements (Cont'd)

Example 2: Assume that in Example 1 above, one of the DS1 High Capacity Services has seventy (70) months remaining on the DS1 High Capacity Services term commitment period of 84 months and that the longest term commitment offered on the Replacing Service is 60 months. The customer would have to elect the 60 month term commitment for its Replacing Service in order to satisfy this requirement.

(B) Bandwidth Requirements

The sum of the bandwidth of the Replacing Service(s) is equal to or greater than the sum of the bandwidth of the Hi-Cap Disconnects.

Example: If a customer disconnects two (2) DS1 High Capacity Services in order to replace them with one (1) 10 Mbps Replacing Service, the customer shall have satisfied this requirement.

(C) Revenue Test Requirements

The Technology Migration must satisfy one of the following revenue tests:

(1) MRC Revenue Test

The MRC Revenue Test requires the current monthly recurring charges (MRCs) of the Replacing Service(s), counting only those discounted rate elements included in the term plan for the Replacing Service(s), be equal to or greater than the MRCs of the Hi-Cap Disconnect(s), counting only those discounted rate elements included in the term plan for the Hi-Cap Disconnect(s).

For example, assume a customer disconnects its DS1 High Capacity Service (Hi-Cap DS1 Disconnect) in order to replace it with a 100 Mbps Replacing Service. Further assume all of the following:

- the Hi-Cap DS1 Disconnect is provided under a DS1 TPP with a commitment period of sixty (60) months at a rate of \$220.98 per month for the discounted rate elements; and
- the 100 Mbps Replacing Service is provided under a term plan with a sixty (60) month commitment at a rate of \$900.00 per month for the discounted rate elements.

Since the MRC of \$900.00 for the 100 Mbps Replacing Service is greater than the MRC of \$220.98 for the Hi-Cap DS1 Disconnect, the customer shall have satisfied this requirement.

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2. General Regulations (Cont'd)2.9 Technology Migration (Cont'd)2.9.6 Requirements For a Technology Migration (Cont'd)

(C) Revenue Test Requirements (Cont'd)

(2) Overall Value/Revenue Test

The Overall Value/Revenue Test requires the overall value of the Replacing Service(s) be equal to or greater than the overall value of the remaining months of the current term commitment of the Hi-Cap Disconnect(s). The overall value of the Replacing Service(s) is calculated by multiplying the MRCs for the Replacing Service(s), counting only those discounted rate elements included in the term plan for the Replacing Service(s), by the number of months in the term commitment. The overall value of the Hi-Cap Disconnect(s) is calculated by multiplying the MRCs currently in effect for the Hi-Cap Disconnect(s), counting only those discounted rate elements included in the term plan for the Hi-Cap Disconnect(s), by the total remaining months in the current term commitment.

For example, using the same assumptions in the example for the MRC revenue test in (1) preceding, further assume the customer disconnects the DS1 High Capacity Service in month thirty-six (36) of the 60 month commitment period (twenty-four (24) months remaining in the commitment period of the DS1 TPP for the Hi-Cap DS1 Disconnect).

Based on the above, the overall value of the Hi-Cap DS1 Disconnect is \$5,303.52 (\$220.98 x 24 months remaining) and the overall value of the 100 Mbps Replacing Service is \$54,000 (\$900.00 x 60 months). Since the overall value of the 100 Mbps Replacing Service is greater than the overall value of the Hi-Cap DS1 Disconnect, the customer would have met this requirement.

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2. General Regulations (Cont'd)2.9 Technology Migration (Cont'd)2.9.6 Requirements For a Technology Migration (Cont'd)

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(D) Terminating Location Requirements

Terminating locations include End User locations, Interexchange Carrier locations, physical or virtual CIS locations pursuant to Section 19 following, Primary Premises and Secondary Premises.

(1) One Hi-Cap Disconnect Replaced by One Replacing Service

The terminating location(s) of the Replacing Service must satisfy one of the following requirements:

- (a) For service provided between two End User locations or two Interexchange Carrier locations, at least one of the locations of the Replacing Service must be the same as one of the locations of the Hi-Cap Disconnect; or
- (b) For service provided between an Interexchange Carrier location or a physical or virtual CIS location and an End User location, one of the locations of the Replacing Service must be the same as the End User location of the Hi-Cap Disconnect; or
- (c) For a multiplexed facility provided between an Interexchange Carrier location, a physical or virtual CIS location, or an End User location and a Telephone Company Hub where multiplexing functions are performed, one of the locations of the Replacing Service must be the same as the Interexchange Carrier location, physical or virtual CIS location, or End User location, respectively, of the Hi-Cap Disconnect; or
- (d) For service provided between a Primary Premises and a Secondary Premises, one of the locations of the Replacing Service must be the same as the Secondary Premises location of the Hi-Cap Disconnect.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.9 Technology Migration (Cont'd)2.9.6 Requirements For a Technology Migration (Cont'd)(D) Terminating Locations (Cont'd)

(2) Multiple Hi-Cap Disconnects Replaced by One or More Replacing Service(s)

When multiple Hi-Cap Disconnects are replaced by one or more Replacing Service(s), at least one of the locations for each of the Replacing Service(s) must be the same location as each of the End User locations or Secondary Premises, as applicable, of each of the Hi-Cap Disconnects, except where the locations involved are two (2) Interexchange Carrier locations or two (2) End User locations in which case at least one of the locations for each of the Replacing Service(s) must be the same as one of the Interexchange Carrier locations or End User locations, respectively, of each of the Hi-Cap Disconnects.

Example where both locations are End User locations: The customer has a DS1 High Capacity Service between locations A and B and a DS1 High Capacity Service between locations C and D. The two Replacing Services are between locations B and E and between locations D and F. Since each DS1 High Capacity Service has one location in common with its Replacing Service, this requirement is satisfied.

Example where all locations are End User locations: The customer has three (3) DS1 High Capacity Services between locations A and B, C and D, and E and F. The two Replacing Services are between locations B and X and between locations D and Y. Since the Replacing Services do not have a common location with the DS1 High Capacity Service between locations E and F, this requirement is not satisfied. However, if the customer qualifies for a one-for-one replacement under (D)(1) preceding, this requirement would be satisfied for two of the DS1 High Capacity Services. The DS1 High Capacity Service between locations E and F, for which no common location exists, would not meet the requirements for a Technology Migration.

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2. General Regulations (Cont'd)2.9 Technology Migration (Cont'd)2.9.6 Requirements For a Technology Migration (Cont'd)

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(E) Timing Requirements

The order for each Hi-Cap Disconnect must be completed within three (3) months of the date that the Replacing Service(s) is installed. Failure to disconnect each Hi-Cap Disconnect within three (3) months will result in the customer not satisfying this requirement.

(F) Notification Requirements

Within ten (10) business days of the date the Replacing Service(s) is ordered, the customer must provide the Telephone Company with the all of following:

- (1) the circuit identification number(s) of each Hi-Cap Disconnect; and
- (2) the circuit identification number(s) of the Replacing Service(s); and
- (3) the terminating locations of the services involved (including both the Replacing Service(s) and the Hi-Cap Disconnect(s)).

Failure to provide such information within the stated timeframe will result in the customer not satisfying this requirement.

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3. Carrier Common Line Access Service

The Telephone Company will provide Carrier Common Line Access Service (Carrier Common Line Access) to customers in conjunction with Switched Access Service provided in Section 6. of this tariff.

3.1 General Description

Carrier Common Line Access provides for the use of end users' Telephone Company provided common lines by customers for access to such end users to furnish Interstate Communications.

Premium Access is Switched Access Service, other than the DNAL BSA, provided to customers under this tariff which furnish interstate MTS/WATS and Switched Access Service.

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A Special Access Surcharge, as set forth in 7.5.14 following, will apply to interstate special access service provided by the Telephone Company to a customer, in accordance with regulations as set forth in 7.4.2 following.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.2 Limitations3.2.1 Exclusions

Neither a telephone number nor detail billing are provided with Carrier Common Line Access. Additionally, directory listings and intercept arrangements are not included in the rates and charges for Carrier Common Line Access.

Carrier Common Line Service is not available with the DNAL BSA.

Carrier Common Line Service is not available with Switched Access Service when provided in conjunction with a MTSO Type I or II interconnection.

3.2.2 Access Groups

All line side connections provided in the same access group will be limited to the same features and operating characteristics.

All trunk side connections provided in the same access group will be limited to the same features and operating characteristics.

Carrier Common Line Service is not available with the DNAL BSA.

Carrier Common Line Service is not available with Switched Access Service when provided in conjunction with a MTSO Type I or II interconnection.

Carrier Common Line Service does not apply to FGD minutes of use originated from a Telecommunication Relay Service (TRS) Center.

3.2.3 WATS Access Lines

Where Switched Access Services are connected with Special Access Services at Telephone Company Designated WATS Serving Offices for the provision of WATS or WATS-type Services, Switched Access Service minutes which are carried on that end of the service (i.e., originating minutes for outward WATS and WATS-type services and terminating minutes for inward WATS and WATS-type services) shall not be assessed Carrier Common Line Access per minute charges.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.3 Undertaking of the Telephone Company3.3.1 Provision of Service

Where the customer is provided Switched Access Service under other sections of this tariff, the Telephone Company will provide the use of Telephone Company common lines by a customer for access to end users at rates and charges as set forth in 3.9 following.

3.3.2 Interstate and Intrastate Use

The Switched Access Service provided by the Telephone Company includes the Switched Access Service provided for both interstate and intrastate communications. The Carrier Common Line Access rates and charges as set forth in 3.9 following apply to interstate Switched Access Service access minutes in accordance with the rate regulations as set forth in 2.3.10 following (Jurisdictional Reports Requirements).

3.4 Obligations of the Customer3.4.1 Switched Access Service Requirement

The Switched Access Service associated with Carrier Common Line Access shall be ordered by the customer under other sections of this tariff.

3.4.2 Supervision

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

3. Carrier Common Line Service (Cont'd)3.5 Determination of Usage Subject to Carrier Common Line Charges3.5.1 Determination of Jurisdiction

When the customer reports interstate and intrastate use of Switched Access Service, the associated Carrier Common Line Access used by the customer for interstate will be determined as set forth in 2.3.10 preceding.

3.5.2 Switched Access Service Provided in Conjunction with a Cellular Exchange Carrier (CEC) or a Radio Common Carrier (RCC)

For Switched Access services minutes of use provided in conjunction with a CEC or RCC Type I call, Carrier Common Line rates do not apply.

When credit for Carrier Common Line charges must be made and the Telephone Company cannot determine the credit adjustment for Carrier Common Line charges, the customer shall be responsible for providing documentation for use in determining the credit amount. Documentation, supplied by the customer, shall be supplied each month and shall identify the involved Switched Access services minutes of use for which a Carrier Common Line credit adjustment is due. The monthly period used to determine the minutes of use shall be the most recent monthly period for which the customer has received a bill for such Switched Access services. The information shall be delivered to the Telephone Company, in a timely manner. If the required information is not received by the Telephone Company, as described preceding, the most recent reported information will be used for the next two months. Subsequent credits or allocation for additional months will be made after the required documentation, as described preceding, is delivered to the Telephone Company by the customer. (D)

The Carrier Common Line credit adjustment shall apply for Switched Access services minutes of use provided in conjunction with a CEC or RCC Type I calls, provided Carrier Common Line charges have been assessed on such services.

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3. Carrier Common Line Access Service (Cont'd)3.5 Determination of Usage Subject to Carrier Common Line Access Charges
(Cont'd)3.5.3 Local Exchange Access and Enhanced Services Exemption

When access to the local exchange is required to provide a customer service (e.g., MTS/WATS-type, telex, Data, etc.) that uses a resold private line service, Switched Access Service Rates and Regulations, as set forth in Section 6. following will apply, except when such access to the local exchange is required for the provision of an enhanced service. Carrier Common Line Access rates and charges as set forth in 3.9 following apply in accordance with the resale rate regulations as set forth in 3.6.4 following.

3.6 Resold Services3.6.1 Scope

Where a customer is reselling MTS and/or MTS-type service(s) on which the Carrier Common Line and Switched Access charges have been assessed, the customer may, at the option of the customer, obtain Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, Feature Group A, Feature Group B or Feature Group D Switched Access Service under this tariff as set forth in Section 6. following for originating and/or terminating access in the local exchange. Such access group arrangements whether single lines or trunks or multiline hunt groups or trunk groups will have Carrier Common Line Access charges applied as set forth in 3.9 following in accordance with the resale rate regulations set forth in 3.6.4 following. For purposes of administering this provision:

Resold interstate terminating MTS and MTS-type service(s) shall include collect calls, third number calls and credit card calls where the reseller pays the underlying carrier's service charges; and shall not include intrastate minutes of use.

Resold interstate originating MTS and MTS-type service(s) shall not include collect, third number, credit card or intrastate minutes of use.

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3. Carrier Common Line Access Service (Cont'd)3.6 Resold Services (Cont'd)3.6.2 Customer Obligations Concerning the Resale of MTS and MTS-type Services

When the customer is reselling MTS and/or MTS-type service as set forth in 3.6.1 preceding, the customer will be charged Carrier Common Line Access charges in accordance with the resale rate regulations as set forth in 3.6.4 following if the customer or the provider of the MTS service furnishes documentation of the MTS usage and/or the customer furnishes documentation of the MTS-type usage. Such documentation supplied by the customer shall be supplied each month and shall identify the involved resold MTS and/or MTS-type services.

The monthly period used to determine the minutes of use for resold MTS and/or MTS-type service(s) shall be the most recent monthly period for which the customer has received a bill for such resold service(s). This information shall be delivered to the Telephone Company, at a location specified by the Telephone Company, no later than 15 days after the bill date shown on the resold MTS and/or MTS-type service bill. If the required information is not received by the Telephone Company, the previously reported information, as described preceding, will be used for the next two months. For any subsequent month, no allocation or credit will be made until the required documentation is delivered to the Telephone Company by the customer.

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3. Carrier Common Line Access Service (Cont'd)

3.6 Resold Services (Cont'd)

3.6.3 Resale Documentation Provided By the Customer

When the customer utilizes Switched Access Services as set forth in 3.6.2 preceding, the Telephone Company may request a certified copy of the customer's resold MTS or MTS-type usage billing from either the customer or the provider of the MTS or MTS-type Service. Requests for billing will relate back no more than 12 months prior to the current billing period.

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3. Carrier Common Line Access Service (Cont'd)3.6 Resold Services (Cont'd)3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services

When the customer is provided an access group to be used in conjunction with the resale of MTS and/or MTS-type services as set forth in 3.6.1 preceding, subject to the limitations as set forth in 3.2 preceding, and the Telephone Company receives the usage information required as set forth in 3.6.2 preceding, to calculate the adjustment of Carrier Common Line Access charges, the customer will be billed as set forth in (D), (E) or (F) following, depending upon; respectively, whether the usage is from non equal access offices, equal offices or a combination of the two.

(A) Apportionment and Adjustment of Resold Minutes of Use

When the customer is provided with more than one access group in a LATA in association with the resale of MTS and/or MTS-type services, the resold minutes of use will be apportioned as follows:

(1) Originating Services

The Telephone Company will apportion the resold originating MTS and/or MTS-type services and originating minutes of use for which the resale credit adjustment applies, among the access groups. Such apportionment will be based on the relationship of the originating usage for each access group to the total originating usage for all access groups in the LATA. For purposes of administering this provision:

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3. Carrier Common Line Access Service (Cont'd)3.6 Resold Services (Cont'd)3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)(A) Apportionment and Adjustment of Resold Minutes of Use
(Cont'd)(1) Originating Services (Cont'd)

Resold originating MTS and/or MTS-type services minutes shall be only those attributable to interstate originating MTS and/or MTS-type minutes and shall not include collect, third number, credit card or intrastate minutes of use.

The resale credit adjustment shall apply for resold originating MTS and MTS-type services and minutes of use, provided Carrier Common Line and Switched Access Charges have been assessed on such services.

(2) Terminating Services

The Telephone Company will apportion the resold terminating MTS and/or MTS-type services and terminating minutes of use for which the resale credit adjustment applies, among the access groups. Such apportionment will be based on the relationship of the terminating usage for each access group to the total terminating usage for all access groups in the LATA. For purposes of administering this provision:

Resold terminating MTS and/or MTS-type services minutes shall be only those attributable to interstate terminating MTS/MTS-type (i.e., collect calls, third number calls, and credit card calls) and shall not include intrastate minutes of use or MTS/MTS-type minutes of use paid for by another party.

The resale credit adjustment shall apply for resold terminating MTS and MTS-type services and minutes of use, provided Carrier Common Line and Switched Access Charges have been assessed on such services.

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3. Carrier Common Line Access Service (Cont'd)3.6 Resold Services (Cont'd)3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)(B) Same State/Telephone Company/Exchange Limitation

In order for the rate regulations to apply as set forth in (D), (E) or (F) following, the access groups and the resold MTS and/or MTS-type services must be provided in the same state (except when the same extended area service arrangement is provided in two different states by the same telephone company) in the same exchange, provided by the same Telephone Company and connected directly or indirectly. For those exchanges that encompass more than one state, the customer shall report the information by state within the exchange.

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3. Carrier Common Line Access Service (Cont'd)3.6 Resold Services (Cont'd)3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)(C) Direct and Indirect Connections

Each of the access group arrangements used by the customer in association with the resold MTS and/or MTS-type services must be connection either directly or indirectly to the customer designated premises at which the resold MTS and/or MTS-type services are terminated. Direct connections are those arrangements where the access groups and resold MTS and/or MTS-type services are terminated at the same customer designated premises.

Indirect originating connections are those arrangements where the access groups and the resold originating MTS and/or MTS-type services are physically located at different customer designated premises in the same exchange. Such different customer designated premises are connected by facilities that permit a call to flow from access groups to resold MTS and/or MTS-type services.

Indirect terminating connections are those arrangements where the access groups and resold terminating MTS and/or MTS-type services are physically located at different customer designated premises in the same exchange. Such different customer designated premises are connected by facilities that permit a call to flow from resold terminating MTS and/or MTS-type services to access groups.

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3. Carrier Common Line Access Service (Cont'd)

3.6 Resold Services (Cont'd)

3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)

(D) Reserved for Future Use

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.6 Resold Services (Cont'd)3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)(E) Access Groups - Equal Access Offices Only

When all the usage on an access group originates from and/or terminates at end offices that have been converted to equal access the Premium Access Charge per minute as set forth in 3.9 following will apply. The minutes billed Carrier Common Line Access Service charges will be the adjusted originating interstate access minutes and the adjusted terminating interstate access minutes for such access groups.

The adjusted originating access minutes will be the originating interstate access minutes less the reported resold originating MTS and/or MTS-type service minutes of use as set forth in (A)(1) preceding; but not less than zero. The adjusted terminating access minutes will be the terminating interstate access minutes less the reported resold terminating MTS and/or MTS-type service minutes of use as set forth in (A)(2) preceding; but not less than zero.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.6 Resold Services (Cont'd)

3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)

(F) Reserved for Future Use

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.6 Resold Services (Cont'd)3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)(G) When the Adjustment Will Be Applied to Customer Bills

The adjustment as set forth in (E) preceding will be made to the involved customer account no later than either the next bill date, or the one subsequent to that, depending on when the usage report is obtained. (D)

(H) Conversion of Billed Usage to Minutes

When the MTS and/or MTS-type usage is shown in hours, the number of hours shall be multiplied by 60 to develop the associated MTS and/or MTS-type minutes of use. If the MTS and/or MTS-type usage is shown in a unit that does not show hours or minutes, the customer shall provide a factor to convert the shown units to minutes.

(I) Percent Interstate Use (PIU)

The adjustment as set forth in (E) preceding will be made to the involved customer account after making the adjustments to the customer account as set forth in 2.3.10 following. (D)

3.7 Reserved

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.8 Rate Regulations3.8.1 Billing of Charges

Carrier Common Line charges will be billed to each Switched Access Service provided under this tariff in accordance with the regulations as set forth in 3.8.5 following (Determination of Charges) except as set forth in 3.6.4 preceding (Resale) and 3.8.4 following (PIU). (D)

3.8.2 Measuring and Recording of Call Detail

When access minutes are used to determine Carrier Common Line charges, they will be accumulated using call detail recorded by Telephone Company equipment. The Telephone Company measuring and recording equipment will be associated with end office or local tandem switching equipment and will record each originating and terminating access minute where answer supervision is received. The accumulated access minutes will be summed on a line by line basis, by line group or by end office, whichever type of account is used by the Telephone Company, for each customer and then rounded to the nearest minute. (D) (D)

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.8 Rate Regulations (Cont'd)

3.8.3 Reserved for Future Use

(C)

(D)

(D)

3.8.4 Percent Interstate Use (PIU)

When the customer reports interstate and intrastate use of in-service Switched Access Service, Carrier Common Line charges will be billed only to interstate Switched Access Service access minutes based on the data reported by the customer as set forth in 2.3.10 preceding (Jurisdictional Reports), except where the Telephone Company is billing according to actuals by jurisdiction. Interstate Switched Access Service access minutes will, after adjustment as set forth in 3.6.4 preceding (Resale), when necessary, be used to determine Carrier Common Line Charges as set forth in 3.8.5 following.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.8 Rate Regulations (Cont'd)3.8.5 Determination of Charges

(D)

After the adjustments as set forth in 3.6.4 and 3.8.4 preceding have been applied, when necessary, to Switched Access Service access minutes, charges for the involved customer account will be determined as follows:

- (A) Access minutes for all premium rated Switched Access Service subject to Carrier Common Line charges will be multiplied by the Premium Access per minute rate as set forth in 3.9 following.

(D)

|

(D)

- (B) Carrier Common Line charges shall not be reduced as set forth in 3.6.1 preceding unless Switched Access Charges, as set forth in Section 6. following, are applied to the customer's Switched Access Services.

(T)

- (C) Terminating Premium Access, per minute charge(s) apply to:

(D)

- all terminating access minutes of use;
- All originating access minutes of use associated with Lineside BSA and FGA Access Services where the off-hook supervisory signaling is forwarded by the customer's equipment when the called party answers;

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.8 Rate Regulations (Cont'd)

3.8.5 Determination of Charges (Cont'd) (D)

(C) (Cont'd) (T)

- all originating access minutes of use associated with calls placed to 700, Toll Free*, and 900 numbers, less those originating access minutes of use associated with calls placed to 700, Toll Free and 900 numbers for which the customer furnishes for each month a report of either the number of calls or minutes or a report of the percent of calls or minutes that terminate in a Switched Access Service that is assessed Carrier Common Line charges.

* "Toll Free" service includes any access service which utilizes the following NPA's: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.8 Rate Regulations (Cont'd)3.8.5 Determination of Charges (Cont'd) (D)

(D) The originating Premium Access, per minute charge(s) (D)
apply to:

- all originating access minutes of use;
- less those originating access minutes of use associated with Lineside BSA and FGA Access Services where the off-hook supervisory signaling is forwarded by the customer's equipment when the called party answers;
- less all originating access minutes of use associated with calls placed to 700, Toll Free, and 900 numbers;

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.9 Rates and Charges

<u>Premium Access</u>	<u>Rate</u>
- Terminating Per Access Minute	.000000
- Originating Per Access Minute	.000000

(D)
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(D)

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ACCESS SERVICE

4. End User Access Service and Presubscription4.1 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 local general services tariff.

4.1.1 General Description

End User Access provides for the use of an End User Common Line (EUCL). End User Access Service consists of End User Common Line (EUCL) Charges, Access Recovery Charges, End User Port Charges (EUPC), and Presubscribed Interexchange Carrier Charges (PICC). End Users who obtain End User Access Service are subject to the EUCL and EUPC regulations. Interexchange Carriers who furnish interstate telecommunications service to End Users are subject to the PICC regulations. End Users that do not select a Presubscribed Interexchange Carrier, as defined in 4.1.6 following, are subject to the PICC regulations, with the exception of pay telephone service providers, whose pay telephone lines are excluded from PICC regulations. (N)

4.1.2 Limitations

- (A) A telephone number is not provided with End User Access.
- (B) Detail billing is not provided with End User Access.
- (C) Directory listings are not included with End User Access.
- (D) Intercept arrangements are not included with End User Access.

4.1.3 Undertaking of the Telephone Company

The Telephone Company will provide use of an End User Access as follows at Subscriber Line Charge (SLC), Access Recovery Charge (ARC), End User Port Charges (EUPC), and Presubscribed Interexchange Carrier Charges (PICC) rates and charges as set forth in 4.1.7 following. (N)

- (A) Use of an EUCL by an End User in connection with interstate Access Services provided under this tariff. Such use will be provided when the End User obtains local exchange service.
- (B) The Telephone Company will be responsible for contacts and arrangements with customers for the billing of the SLC, ARC, EUPC, and PICC. (N)

4.1.4 Obligations of the Customer

- (A) When the End User is a Radio Common Carrier (RCC), or a Maritime Radio Common Carrier (MRCC), it shall designate the local exchange services it is provided by the Telephone Company that are used as administrative lines.

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.1 End User Access Service (Cont'd)4.1.4 Obligations of the Customer (Cont'd)

- (B) When the end user is provided with a local exchange service which is not identified as Centrex, Business or Residence service, it shall provide the Telephone Company any requested information necessary for the Telephone Company to determine the appropriate charges.

4.1.5 Payment Arrangements and Credit Allowances(A) 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 local general services tariffs for the associated local telephone exchange service.

(B) Cancellation of Application

End User Access is cancelled when the order for the associated local exchange service is cancelled. No cancellation charges apply.

(C) 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.

(D) 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 Section 2.7.1.1 preceding.

(E) Temporary Suspension of Service

When an End User temporarily suspends its Local Exchange Service which is associated with EUCL, the credit allowance for the SLC and the ARC is the same as that for the associated Local Exchange Service as set forth in the local general services tariffs.

(T)
(N)

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.1 End User Access Service (Cont'd)4.1.6 Rate Regulations

The End User Common Line, the Access Recovery Charge, and any applicable End User Port monthly charges will be billed to the end user of the associated local telephone exchange service. (N)

The total number of Telephone Company-provided lines and trunks, excluding pay telephone lines, for which the interexchange carrier customer has been selected as the predesignated carrier for interLATA, interstate calls, as defined in (A) following, will be multiplied by the appropriate Presubscribed Interexchange Carrier Charge (PICC) on a monthly basis and assessed to the Presubscribed Interexchange Carrier of the associated local telephone exchange service. The Telephone Company will update its PICC information on a monthly basis following the completion of its last monthly retail bill cycle. If PIC NONE, as defined in Section 4.2(E) following, is designated on any lines or trunks, the appropriate PICC will be assessed to the end user customer subscribing to the line or trunk.

The Telephone Company will make reasonable efforts to change the end user line designation to PIC NONE, as described in Section 4.2(E) following. However, if the Telephone Company is unable to accomplish the change prior to the PICC update, the Telephone Company will continue to assess the PICC to the interexchange carrier customer until the following month's update.

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.1 End User Access Service (Cont'd)4.1.6 Rate Regulations (Cont'd)(A) End User Common Line and Presubscribed Interexchange
Carrier Charges

The designation of Primary and Non-Primary will be changed as follows: The EUCL, ARC, and PICC Residence Subscriber rate regulations are designated as either Primary or Non-Primary. The Primary rate is assessed to the residential subscriber line which is any or all of the following: (1) the only line provided at that service location; (2) the line designated as Primary by the billed party or parties at that service location when first ordering service; or (3) the first line installed at that location. Any additional residence exchange lines at the same service location, regardless of the named subscriber, will be assessed the Non-Primary rate. If the Primary line disconnects, the Non-Primary line with the greatest length of service will become the Primary line. Only one line at a service location can be classified as Primary, and all others are considered to be Non-Primary. A service location is defined as the Service Address identified by the Telephone Company using its billing and service records. (N)

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.1 End User Access Service (Cont'd)4.1.6 Rate Regulations (Cont'd)(A) End User Common Line and Presubscribed Interexchange Carrier Charges (Cont'd)

The Telephone Company will use its own service records in the designation of an exchange residence line as Primary or Non-Primary. Such service records typically contain Customer Class of Service, Universal Service Order Codes (USOCs), Field Identifiers (FIDs), Service Address and other information which will assist the Telephone Company in the designation.

(B) Access Recovery Charge*

(N)

Customers assessed a Subscriber Line Charge as specified in Section 4.1.7(A) following will be assessed a flat-rated, monthly Access Recovery Charge (ARC) as specified in Section 4.1.7(E)(1) through (E)(6) following. ARCs will be billed to the associated end user or reseller of the local exchange services, with the exception of those customers who participate in the Lifeline Assistance Program.

(N)

(C) For each Local Exchange Service provided as remote call forwarding residential service or remote call forwarding business service under the local general services tariffs, the SLC, ARC, and PICC rates do not apply.

(T)

(N)

For each local exchange service, other than local exchange service used for administrative purposes, provided to Radio Common Carriers and/or Maritime Radio Common Carriers under the local general services tariffs, the SLC, ARC, and PICC rates do not apply.

(N)

* Not applicable to residence subscribers in the state of Virginia.

(N)

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.1 End User Access Service (Cont'd)4.1.6 Rate Regulations (Cont'd)

- (D) For business Centrex CO and Centrex CO-like service lines (T)
or trunks and Centrex Dormitory (Residence) Service office
lines or trunks installed or on order prior to July 28,
1983, the SLC, the ARC Business Centrex Subscriber rate, (N)
and the PICC rates as set forth in 4.1.7 following apply to (T)
each line or trunk.

For Centrex Dormitory (Residence) Service dormitory
(residential) lines or trunks, the SLC Residence
Subscriber - Individual line or trunk rate, the ARC Primary (N)
Residence Subscriber - Individual line or trunk rate, and (N)
Primary Residential PICC rates as set forth in 4.1.7
following apply to each line or trunk. (T)

For each additional line or trunk, the SLC Non-Primary
Residence Subscriber rate, the ARC Non-Primary Residence (N)
Subscriber rate, and the PICC Non-Primary Residence (N)
Subscriber rate apply per additional line or trunk. (T)

Centrex CO is a service that (1) uses a portion of a
Telephone Company switch located at the Telephone Company
central office to meet the customer's internal needs and
serves as the customer's interface with the local and
interexchange networks and (2) links the customer's main
stations to the Telephone Company switch with subscriber
loops.

Centrex CO-like services are services (e.g., Airport
Service) that operate in a manner that is the same as
Centrex CO and (1) are provided using switches located at
Telephone Company central offices and (2) link customer
main stations to the Telephone Company switch with
subscriber loops.

Centrex Dormitory (Residential) Service is a service to a
college or university or school that serves both the
university college or school offices and the students or
faculty dormitory (residential) quarters. Residential
charges will apply to the lines or trunks that serve
dormitory quarters. Multiline Business charges will apply
to the lines or trunks that serve the offices. Charges
shall be based on the number of dormitory lines or trunks
and office lines reported to the Telephone Company by the
customer.

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.1 End User Access Service (Cont'd)4.1.6 Rate Regulations (Cont'd)

(E)

(D)

(D)

For business Centrex service, the End User Common Line (EUCL), the ARC Business Centrex Subscriber rate, and the Presubscribed Interexchange Carrier Charge (PICC) Individual line or trunk rates apply to each line or trunk. The application of PICC business Centrex rate is based upon the number of lines or trunks in the Centrex service.

(F) When a pay telephone service provider is provided a pay telephone line, the SLC and the ARC Multiline Business Subscriber - Individual line or trunk rates apply to each line or trunk.

(G) When an end user is provided more than one local business exchange service in a state, whether provided by the local Telephone Company, other than that specified in (C) preceding and when the local business exchange service is provided under the local general services tariffs that is not covered by (D), (E) and (F) preceding, or a company reselling the local Telephone Company's service, the SLC, the ARC, and PICC Multiline Business Subscriber-Individual line or trunk rates as set forth in 4.1.7 following apply to each such local business exchange service.

(H) When an end user is provided only a single local business exchange service in a state, whether provided by the local Telephone Company, other than that specified in (C) preceding and when the local business exchange service is provided as a multiparty service under the local general services tariffs, or a company reselling the local Telephone Company's service, the SLC, the ARC, and PICC Single Line Business Subscriber - Individual line or trunk rates as set forth in 4.1.7 following apply to each such party.

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.1 End User Access Service (Cont'd)4.1.6 Rate Regulations (Cont'd)

(I) When an end user is provided only a single local business exchange service by the Telephone Company under the local general services tariffs, or by a company reselling the local Telephone Company's service, the SLC, the ARC and PICC Multiline Business Subscriber - Individual line or trunk rates as set forth in 4.1.7 following apply to even single business service. Such local business exchange service includes any other single local business exchange service not covered in (H) preceding.

(J) Reserved.

(C)

(K) When an end user is provided a local residence exchange service in a state by the same Telephone Company, other than that specified in (C) preceding and when the local residence exchange service is provided under the local general services tariffs, the SLC, the ARC, and PICC Residence Subscriber - Individual line or trunk rates as set forth in 4.1.7(A) and (F) following apply to each such local residence exchange service. Such local residence exchange service includes any other local residence service not covered in (J) preceding under the local general services tariffs.

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.1 End User Access Service (Cont'd)4.1.6 Rate Regulations (Cont'd)

- (L) When an end user is provided a local residence exchange service and if the residential local exchange rate for such end user is a reduced residential local exchange rate based upon a means test that is subject to verification, the applicable SLC individual line or trunk rate in 4.1.7 following shall be reduced by 100 percent, where applicable. In addition, when the end user has toll blocking, the PICC Residence Subscriber individual line or trunk will also be reduced by 100 percent. The following local residence exchange services are subject to the reduced SLC and PICC Residence Subscriber - Individual line or trunk rate: (T)

District of Columbia	Economy II
Maryland	Tel-Life
Virginia	Universal Service Plan

- (M) For each local exchange service provided as Integrated Services Digital Network (ISDN) Basic Service under the general and/or local exchange service tariffs, the SLC, the ARC, and the Presubscribed Interexchange Carrier Charge (PICC) - BRI ISDN rates apply per service. ISDN Basic Service consists of two communications channels and a third channel for call control and data transmission. (T)
- (N) For business PRI (Primary Rate Interface) ISDN (Integrated Services Digital Network) service lines, the SLC, the ARC, and PICC rates as set forth in section 4.1.7 following apply to each line. (N)
- (T) (T)

Integrated Services Digital Network (ISDN) is an end-to-end digital telecommunications network architecture which provides for the simultaneous access, transmission and switching of voice data and image services. These functions are provided via channelized transport facilities over a limited number of standard user-network interfaces. The ISDN service consists of digital switching systems which connect Primary Rate Interface (PRI) lines to their serving central office.

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.1 End User Access Service (Cont'd)4.1.6 Rate Regulations (Cont'd)4.1.6.1 Rate Regulations for End User Port Charge

Certain local exchange services provided under the general and/or local exchange service tariffs are subject to End User Port Charges as specified in 4.1.7 following. These services include:

- Integrated Services Digital Network (ISDN) - Basic (BRI)
- Integrated Services Digital Network (ISDN) - Primary (PRI)
- Direct Inward Dialing (DID)

4.1.6.2 Federal Universal Service Fund (FUSF) Surcharge

The Federal Universal Service Fund (FUSF) Surcharge recovers the Telephone Company's contributions to the Universal Service Support Mechanisms. Customers may certify exemption from FUSF Surcharges at the ACNA level or at the BAN level. Certification at the ACNA level will exempt all BANs under that ACNA.

Certification at the BAN level will exempt only the specified BANs. FUSF Surcharge exemption certification can be completed and submitted on the Telephone Company's web site at

<https://www22.verizon.com/wholesale/access/systems/fusfexemption>.

(T)
(T)

(A) Application of FUSF Surcharge to End User Access Service Charges

Customers assessed a Subscriber Line Charge as specified in Section 4.1.7(A) following will be assessed a flat-rated, monthly FUSF Surcharge as specified in Section 4.1.7(D)(1) through (D)(10) following. FUSF Surcharges will be billed to the associated end user or reseller of the local exchange services, with the exception of those customers who participate in the Lifeline Assistance Program.

Customers assessed a Presubscribed Interexchange Carrier Charge as specified in Section 4.1.7(B) following will be assessed an FUSF Surcharge on Presubscribed Interexchange Carrier Charge as set forth in Section 4.1.7(D)(13) following. Customers who participate in the Lifeline Assistance Program are not exempt from this Surcharge. The FUSF Surcharge will be determined by multiplying an FUSF Surcharge Factor, as set forth in Section 4.1.7(D)(13) following, by the Presubscribed Interexchange Carrier Charge.

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.1 End User Access Service (Cont'd)4.1.6 Rate Regulations (Cont'd)4.1.6.2 Federal Universal Service Fund (FUSF) Surcharge (Cont'd)

(B) Application of FUSF Surcharge to Other Incidental Charges

Customers assessed Other Incidental Charges will be assessed the FUSF Surcharge on Other Incidental Charges as set forth in Section 4.1.7(D)(11) following. Customers who participate in the Lifeline Assistance Program are not exempt from this Surcharge. The FUSF Surcharge will be determined by multiplying an FUSF Surcharge Factor, as set forth in Section 4.1.7(D)(11) following, by the following applicable Other Incidental Charges: (T)

- Change in Presubscription Charge as specified in Section 4.2(G) following

(C) Application of FUSF Surcharge to Special Access Services

An FUSF Surcharge will be assessed to customers who order Special Access services from this tariff. The FUSF Surcharge will be determined by multiplying an FUSF Surcharge Factor, as set forth in Section 4.1.7(D)(12) following, by the customer's interstate Special Access service monthly charges. (T)

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.1 End User Access Service (Cont'd)4.1.7 Rates and Charges

	<u>USOC</u>	<u>Monthly Rate</u>	
(A) <u>Subscriber Line Charge (SLC)</u>			
(1) Residence Subscriber			
- Primary			
- Individual line or trunk, each			
District of Columbia	9LM	\$ 3.95	(R)
Delaware	9ZR11	6.50	
Maryland	9LM	5.78	(R)
New Jersey	9LM	6.43	(R)
Pennsylvania	9ZR11	5.97	(R)
Virginia	9LM	6.22	(R)
(2) Residence Subscriber			
- Non-Primary			
- Individual line or trunk, each			
District of Columbia	9LMMR	3.95	(R)
Delaware	9ZRMR	6.63	(R)
Maryland	9LMMR	5.78	(R)
New Jersey	9LMMR	6.43	(R)
Pennsylvania	9ZRMR	5.97	(R)
Virginia	9LMMR	6.22	(R)
(3) Single Line Business Subscriber			
- Individual line or trunk, each			
District of Columbia	9LM	3.95	(R)
Delaware	9ZR22	6.50	
Maryland	9LM	5.78	(R)
New Jersey	9LM	6.43	(R)
Pennsylvania	9ZR22	5.97	(R)
Virginia	9LM	6.22	(R)

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.1 End User Access Service (Cont'd)4.1.7 Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(A) <u>Subscriber Line Charge (SLC)</u> (Cont'd)			
(4) Multiline Business Subscriber - Individual line or trunk, each			
District of Columbia	9ZR	\$ 3.95	(R)
Delaware	9ZR	6.63	(R)
Maryland	9ZR	5.78	(R)
New Jersey	9ZR	6.43	(R)
Pennsylvania	9ZR	5.97	(R)
Virginia	9ZR	6.22	(R)
(5) Centrex CO and CO-Like (Installed or on Order Prior to July 28, 1983) - Individual line or trunk, each			
District of Columbia	9ZR	\$ 3.95	(R)
Delaware	9ZR	6.63	(R)
Maryland	9ZR	5.78	(R)
New Jersey	9ZR	6.43	(R)
Pennsylvania	9ZR	5.97	(R)
Virginia	9ZR	6.22	(R)
(6) PRI - ISDN			
District of Columbia	9ZRP1	19.75	(R)
Delaware	9ZRP1	33.15	(R)
Maryland	9ZRP1	28.90	(R)
New Jersey	9ZRP1	32.15	(R)
Pennsylvania	9ZRP1	29.85	(R)
Virginia	9ZRP1	31.10	(R)
(7) BRI - ISDN			
District of Columbia	9ZRB1	3.95	(R)
Delaware	9ZRB1 (T)	6.63	(R)
Maryland	9ZRB1 (T)	5.78	(R)
New Jersey	9ZRB1 (T)	6.43	(R)
Pennsylvania	9ZRB1 (T)	5.97	(R)
Virginia	9ZRB1 (T)	6.22	(R)

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	<u>USOC</u>	<u>Monthly Rate</u>	(T)
(B) <u>Presubscribed Interexchange Carrier Charges (PICC)</u>			
(1) Residence Subscriber			
- Primary			
- Individual line or trunk, each			
All States	PZZ1X, PZZBX	0.00	
(2) Residence Subscriber			
- Non-Primary			
- Individual line or trunk, each			
All States	PZZ7X, PZZCX	0.00	
(3) Single Line Business Subscriber			
- Individual line or trunk, each			
All States	PZZ2X	0.00	
(4) Multiline Business Subscriber			
- Individual line or trunk, each			
All States	PZZ3X	0.00	
(5) Business Centrex (Non-ISDN)			
- Individual Business Centrex Service, each			
All States			
- 1 Line	PZZDX	0.00	
- 2 Lines	PZZEX	0.00	
- 3 Lines	PZZFX	0.00	
- 4 Lines	PZZGX	0.00	
- 5 Lines	PZZHX	0.00	
- 6 Lines	PZZJX	0.00	
- 7 Lines	PZZKX	0.00	
- 8 Lines	PZZLX	0.00	
- 9 Lines and over	PZZAX	0.00	
(6) PRI-ISDN Subscriber			
- Per Facility	PZZ9X	0.00	
(7) BRI-ISDN Subscriber			
- Per Facility	PZZ5X	0.00	(T)

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	<u>USOC</u>	<u>Monthly Rate</u>	
(C) <u>End User Port Charges</u>			
(1) Digital Transport Facility provided as ISDN Basic Service (BRI), each service All States	9PZB1	\$ 1.52	
(2) Digital Transport Facility provided as ISDN Primary Service (PRI), each service All States	9PZP1	23.43	
(3) Direct Inward Dialing (DID), each line or trunk All States	9PZDD	0.70	
(D) <u>Federal Universal Service Fund (FUSF) Surcharge</u>			
(1) <u>Primary Residence Subscriber and Primary Residence Centrex Subscriber</u> - Individual Line or Trunk, each			
District of Columbia		0.83	(R)
Delaware		1.61	(R)
Maryland		1.16	
New Jersey		1.60	(R)
Pennsylvania		1.51	(R)
Virginia		1.24	(R)
(2) <u>Single Line Business Subscriber</u> - Individual Line or Trunk, each			
District of Columbia		0.83	(R)
Delaware		1.61	(R)
Maryland		1.47	(R)
New Jersey		1.60	(R)
Pennsylvania		1.51	(R)
Virginia		1.56	(R)
(3) <u>Non-Primary Residence and Non-Primary Centrex Residence Subscriber</u> - Individual Line or Trunk, each			
District of Columbia		0.83	(R)
Delaware		1.61	(R)
Maryland		1.16	
New Jersey		1.60	(R)
Pennsylvania		1.51	(R)
Virginia		1.24	(R)

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	<u>USOC</u>	<u>Monthly Rate</u>	
(D) <u>Federal Universal Service Fund (FUSF) Surcharge</u> (Cont'd)			
(4) <u>BRI ISDN Subscriber</u>			
- ISDN Basic Service, each			
District of Columbia		\$ 1.58	(R)
Delaware		3.37	(R)
Maryland		2.83	(R)
New Jersey		3.08	
Pennsylvania		3.28	(R)
Virginia		2.30	(R)
(5) <u>PRI ISDN Subscriber</u>			
- Digital Transport Facility provided as ISDN Primary Service, each service			
District of Columbia		16.13	(R)
Delaware		25.11	(R)
Maryland		21.51	(R)
New Jersey		22.85	
Pennsylvania		24.77	(R)
Virginia		20.61	(R)
(6) <u>Multiline Business Subscriber - Other (non-PBX)</u>			
- Individual Line or Trunk, each			
District of Columbia		1.93	(R)
Delaware		3.33	(R)
Maryland		2.81	(R)
New Jersey		3.06	
Pennsylvania		3.25	(R)
Virginia		2.73	(R)
(7) <u>Multiline Business Subscriber - Payphone</u>			
- Individual Line or Trunk, each			
District of Columbia		1.39	(R)
Delaware		1.90	(R)
Maryland		1.76	
New Jersey		1.89	(R)
Pennsylvania		1.79	(R)
Virginia		1.84	(R)

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	<u>USOC</u>	<u>Monthly Rate</u>	
(D) <u>Federal Universal Service Fund (FUSF) Surcharge</u> (Cont'd)			
(8) <u>Private Branch Exchange (PBX) Trunk with End User Port Charge (Direct Inward Dialing [DID])</u> - Individual Line or Trunk, each			
District of Columbia		\$2.12	(R)
Delaware		3.58	
Maryland		3.03	(R)
New Jersey		3.28	
Pennsylvania		3.50	(R)
Virginia		2.93	(R)
(9) <u>Private Branch Exchange (PBX) Trunk without End User Port Charge (all other PBX)</u> - Individual Line or Trunk, each			
District of Columbia		1.93	(R)
Delaware		3.33	(R)
Maryland		2.81	(R)
New Jersey		3.06	
Pennsylvania		3.25	(R)
Virginia		2.73	(R)

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				Rate Per Line Per Month	
(10) <u>Business Centrex Subscriber</u>		# Lines			
(non-ISDN)					
- Individual Business Centrex service, each					
# Lines	DE	NJ	PA		
1	\$2.51 (R)	\$2.29	\$2.39		(R)
2	1.25 (R)	1.14	1.20		(R)
3	0.84	0.76	0.80		
4	0.63	0.57	0.60		
5	0.50	0.46	0.48		
6	0.42	0.38	0.40		
7	0.36	0.33	0.34		
8	0.31	0.29	0.30		
9 and over	0.28	0.25	0.27		
				Monthly Rate	
<u>District of Columbia</u>					
First 1 - 9 lines (Flat Rate)				\$1.28	(R)
10 lines and over (Per Line)				0.14	
<u>Maryland</u>					
First 1 - 9 lines (Flat Rate)				\$2.04	(R)
10 lines and over (Per Line)				0.23	
<u>Virginia</u>					
First 1 - 9 lines (Flat Rate)				\$2.03	(R)
10 lines and over (Per Line)				0.23	
(11) <u>FUSF Surcharge on Other Incidental Charges</u> - All States					
An FUSF Surcharge Factor of .200 will be applied to the Change in Presubscription Charge.					(R)
(12) <u>Special Access Services FUSF Surcharge</u> - All States					
An FUSF Surcharge Factor of .200 will be applied to the customer's interstate Special Access monthly charges.					(R)
(13) <u>Presubscribed Interexchange Carrier Charge FUSF Surcharge</u> - All States					
An FUSF Surcharge Factor of .200 will be applied to the customer's Presubscribed Interexchange Carrier Charges.					(R)
(14) <u>FUSF Surcharge on Enterprise Infrastructure Solutions</u> - All States					
An FUSF Surcharge Factor of .200 will be applied to certain Enterprise Infrastructure Solutions services as specified in Section 10.9.9 following.					(R)

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4. End User Access Service and Presubscription (Cont'd)4.1 End User Access Service (Cont'd)4.1.7 Rates and Charges (Cont'd)(E) Access Recovery Charge

	Monthly Rate	
(1) <u>Primary and Non-Primary Residence Subscriber,</u> - Individual Line or Trunk, each		
District of Columbia	\$0.22	(I)
Delaware	1.57	(I)
Maryland	0.00	(R)
New Jersey	1.57	(I)
Pennsylvania	1.57	(I)
Virginia	0.00	
(2) <u>Single Line Business Subscriber</u> - Individual Line or Trunk, each		
District of Columbia	0.22	(I)
Delaware	1.57	(I)
Maryland	1.57	(I)
New Jersey	1.57	(I)
Pennsylvania	1.57	(I)
Virginia	1.57	(I)
(3) <u>Multiline Business Subscriber</u> - Individual Line or Trunk, each		
District of Columbia	3.00	(I)
Delaware	3.00	(I)
Maryland	3.00	(I)
New Jersey	3.00	(I)
Pennsylvania	3.00	(I)
Virginia	3.00	(I)

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	Monthly Rate	
(4) <u>Business Centrex</u> - Individual Line, each		
District of Columbia	\$0.64	(I)
Delaware	0.64	(I)
Maryland	0.64	(I)
New Jersey	0.64	(I)
Pennsylvania	0.64	(I)
Virginia	0.64	(I)
(5) <u>PRI - ISDN</u> - Digital Transport Facility provided as ISDN Primary Service, each service		
District of Columbia	15.00	(I)
Delaware	15.00	(I)
Maryland	15.00	(I)
New Jersey	15.00	(I)
Pennsylvania	15.00	(I)
Virginia	15.00	(I)
(6) <u>BRI - ISDN</u> - ISDN Basic Service, each		
District of Columbia	0.22	(I)
Delaware	1.57	(I)
Maryland	1.57	(I)
New Jersey	1.57	(I)
Pennsylvania	1.57	(I)
Virginia	1.57	(I)

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.2 Presubscription(A) General

- (1) Presubscription is a procedure whereby an end user or a Payphone Service Provider may select and designate a preferred carrier to complete interLATA and intraLATA toll calls without dialing an access code. The end user or Payphone Service Provider may designate a carrier for interLATA calls, a different carrier for intraLATA calls, or the same carrier for both, provided the carrier furnishes interLATA and intraLATA toll services. The preferred carrier chosen for intraLATA toll service will be used to carry all of the end user's intraLATA toll calls. This carrier is referred to as the end user or Payphone Service Provider's preferred intraLATA toll provider (ITP). (T)
- (2) Each carrier will have one or more access codes assigned to it for various types of service. When an end user or a Payphone Service Provider selects a carrier as its preferred carrier, only one access code of that carrier may be incorporated into the switching system of the Telephone Company permitting access to that carrier by the end user or Payphone Service Provider without dialing an access code. Should the same end user or Payphone Service Provider wish to use other services of the same carrier, it will be necessary for the end user or Payphone Service Provider to dial the necessary access code(s) to reach that carrier's other service(s). (T)
- (3) Carriers must use Feature Group D Switched Access Service to qualify as interLATA and intraLATA toll providers. (T)
- (4) Selection of an interLATA and/or intraLATA carrier by an end user or a Payphone Service Provider is subject to the terms and conditions contained in (B) through (G) following. (T)

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(T)

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.2 Presubscription (Cont'd)(A) General (Cont'd)

- (5) A nonrecurring charge, as set forth in (G) following, to process a change in Presubscription is bifurcated into four (4) separate nonrecurring charges and applies as follows: (C)
- (a) A nonrecurring charge, as set forth in (G)(1)(a) following, applies when the request to change Presubscription is submitted through electronic methods without a request to change the intraLATA primary interexchange carrier (LPIC) on the same line and on the same order. (T) (C) (C)
- (b) A nonrecurring charge, as set forth in (G)(1)(b) following, applies when the request to change Presubscription is submitted through manual methods without a request to change the LPIC on the same line and on the same order. (T) (C) (C)
- (c) A nonrecurring charge, as set forth in (G)(2)(a) following, applies when the request to change Presubscription is submitted through electronic methods together with a request to change the LPIC on the same line and on the same order. (N)
- (d) A nonrecurring charge, as set forth in (G)(2)(b) following, applies when the request to change Presubscription is submitted through manual methods together with a request to change the LPIC on the same line and on the same order. (N)

As used above, manual methods are (i) personal interaction between a customer, or a person acting on behalf of a customer, and a Telephone Company employee; and (ii) any facsimile or written submissions from a customer, or a person acting on behalf of a customer, to a Telephone Company service center. Electronic methods shall include all other methods. If a request utilizing an electronic method results in manual processing, the electronic nonrecurring charge shall apply upon completion of the request. For orders submitted electronically through customer account record exchange (CARE) transactions, a change to both the PIC and LPIC on the same line will be considered to be on the same order if it is submitted in a single CARE record for that line. (C) (C)

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.2 Presubscription (Cont'd)(B) End User/Payphone Service Provider Choice Discrepancy

- (1) When a discrepancy is determined regarding an end user or Payphone Service Provider's designation of a preferred interLATA or intraLATA toll carrier, the following applies, depending upon the situation described:
- When two or more orders are received for an end user or a Payphone Service Provider line generated by telemarketing, the date field on the mechanized record used to transmit PIC change information will be used as the PIC authorization date. The order with the latest application date determines customer choice.
 - If an end user or Payphone Service Provider denies requesting a change in carrier, as submitted by an interLATA or intraLATA toll provider, the carrier will be assessed all applicable change charges. The nonrecurring change charge will apply separately to both interLATA and intraLATA toll presubscription changes and is provided in 4.2(G) following.

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.2 Presubscription (Cont'd)

(C) PIC Change Options

(D)

The PIC Change Service Option provides carriers the ability to request PIC conversions resulting from mergers (acquisitions) and/or separation of operations. This service allows a carrier with an established carrier identification code (CIC) to merge with one or more carriers with a different CIC or to separate its current operation into more than one entity. The Telephone Company will change each presubscribed line from the previous carrier to the new carrier's CIC on a mass conversion basis. The PIC change charge as specified in (G) following will apply per line. This option is only available with PIC conversions resulting from mergers and/or separation activities under which the requesting carrier must provide the Telephone Company a copy of the document(s) indicating the completion of the merger/separation activities. This option is not available for presubscription changes submitted for public or semi-public pay telephones.

(T)

Confirmation notification will be forwarded to the carrier via a Telephone Company Mechanized Interface using the industry standard Customer Account Record Exchange (CARE) format. CARE provides a mechanized format for the exchange of customer information between the Telephone Company and the carrier(s).

(D)

(D)

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(T)

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.2 Presubscription (Cont'd)

(D) Presubscription Charge Application

(1) Reserved for Future Use

(C)

(D)

(D)

(D)

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.2 Presubscription (Cont'd)(D) Presubscription Charge Application (Cont'd)(2) Initial Free Presubscription Choice for New Users

New end users or Payphone Service Providers who subscribe to service, including an existing customer who orders an additional line, will be asked to select a preferred carrier when they place an order for Telephone Company Exchange Service. If a customer cannot decide upon a carrier at the time, the customer will have 30 days following completion of the service request to make a preferred carrier choice without charge. In the interim, the customer will be assigned a PIC-NONE and will have to dial an access code to make interLATA or intraLATA toll calls. The free selection period available to new end users or Payphone Service Providers is the period within thirty days of installation of the new service. (D)

Initial free selections available to new end users or Payphone Service Providers are:

- (a) Designate a carrier as their preferred carrier thereby requiring no access code to access that carrier's service. Other carriers are accessed by dialing 101XXXX or other required codes.
- (b) Choose no carrier as a preferred carrier thus requiring 101XXXX code dialing to access all carriers. This choice can be made by directly contacting the Telephone Company. In addition, new end users or Payphone Service Providers that do not select a preferred carrier will be assigned as PIC-NONE.

Following a new end user's or Payphone Service Provider's initial free selection, any subsequent selection made following implementation of interLATA or intraLATA toll presubscription is subject to a nonrecurring charge as set forth in (G) following.

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.2 Presubscription (Cont'd)(D) Presubscription Charge Application (Cont'd)(3) Cancellation of InterLATA or IntraLATA Toll presubscription by a Carrier

If a carrier elects to (Z)
discontinue Trunkside BSA-101XXXX Option and Feature Group D service after the implementation of interLATA or intraLATA toll presubscription, the carrier is obligated to contact in writing all end users or Payphone Service Providers who have selected the cancelling carrier as their preferred carrier. The carrier must inform these end users or Payphone Service Providers of the cancellation, request that the end users or Payphone Service Providers select a new carrier, and state that the cancelling carrier will pay any applicable change charge.

(4) Presubscription Change Charge Billing Option

At the option of the ITP, the nonrecurring charge for a change in presubscription, as set forth in (G) following, may be billed to the ITP instead of the End User.

(a) Reverse Billing

The Reverse Billing Option is available to interLATA and intraLATA toll providers for End User-initiated PIC change orders placed at the Telephone Company's Residence or Business Service Centers. The nonrecurring (D)
charge for all of the ITP's end user-initiated PIC change orders placed at the Telephone Company's Residence or Business Service Centers will be assessed (D)
to the ITP, instead of the End User as specified in section (G) following.

The ITP must notify the Telephone Company in writing of its election to establish and/or cancel the Reverse Billing option. Establishment and/or cancellation will be effective within ten (10) business days from the date the Telephone Company receives written notification and must be in effect for a minimum of six months. The ITPs electing to participate in the Reverse Billing Option will be assessed the applicable PIC change charge (s) as specified in Section (G) following.

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.2 Presubscription (Cont'd)(D) Presubscription Charge Application (Cont'd)(5) Unauthorized Preferred Carrier Change

An Unauthorized Preferred Carrier Change is a change in the preferred interLATA or intraLATA toll carrier that the end user or Payphone Service Provider denies authorizing.

If an end user or Payphone Service Provider denies authorizing a change in interLATA and/or intraLATA toll presubscription as submitted by the alleged unauthorized toll carrier, the alleged unauthorized toll carrier will be assessed the Presubscription Change Charge as specified in Section 4.2(G) following or the appropriate state access tariff for:

- The disputed Presubscription Change Charge billed to the end user or Payphone Service Provider, and
- The applicable Presubscription Change Charge for restoring the end user or Payphone Service Provider to its previous preferred interLATA or intraLATA toll carrier.

In accordance with the Federal Communications Commission's Slamming Liability Rules in CC Docket 94-129, if an alleged unauthorized carrier is ultimately exonerated of liability, the alleged unauthorized carrier is entitled to receive full payment from the end user or Payphone Service Provider for all services provided. In such situations, any Presubscription Change Charge assessed against the alleged unauthorized carrier by the Telephone Company are subject to rebilling to the end user or Payphone Service Provider by the alleged unauthorized carrier.

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.2 Presubscription (Cont'd)

(E) PIC NONE (T)

- (1) When an end user does not want to be presubscribed to any carrier, or when a carrier submits a request to remove their PIC from an end user's line, the end user will be required to dial 101XXXX or other access code (i.e., 950-XXXX) for all calls to all carriers. This line condition, designated PIC NONE, is considered a PIC change for purposes of administering the rates contained in this tariff. PIC NONE changes can only be made by the end user or by the carrier to whom the end user's line is presubscribed. (C)

(2) End User Presubscription Charges - PIC NONE (C)

Presubscription Charges, as described in (A)(5) preceding, will apply to the end user as follows:

- (a) When an end user submits a request to the Telephone Company to remove the PIC from the end user's line, the applicable nonrecurring charge set forth in (G) following applies to the end user.
- (b) When a carrier submits a request to the Telephone Company on behalf of the end user to remove the carrier as the end user's PIC, the carrier must inform the Telephone Company that the end user desires to have no PIC. In such cases, the applicable nonrecurring charge set forth in (G) following applies to the end user.
- (c) For (E)(2)(b) preceding, the Telephone Company will verify that the end user's line is currently presubscribed to the carrier submitting the request. If the end user's line is currently presubscribed to the carrier submitting the request, then the Telephone Company will remove such carrier's PIC from the line thereby changing the end user's line PIC designation to PIC NONE. (C)

Certain material previously appearing on this page currently appears on Original Page 4-40.1

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(T)
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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.2 Presubscription (Cont'd)

(E) PIC NONE (Cont'd)

(3) Carrier Presubscription Charges - PIC NONE

(C)

Presubscription Charges, as described in (A)(5) preceding, will apply to the carrier as follows:

(a) When a carrier submits a request to the Telephone Company on its own behalf to remove its PIC from an end user's line, the applicable nonrecurring charge set forth in (G) following applies to the carrier.

(b) For (E)(3)(a) preceding, the Telephone Company will verify that the end user's line is currently presubscribed to the carrier submitting the request. If the end user's line is currently presubscribed to the carrier submitting the request, then the Telephone Company will remove such carrier's PIC from the line thereby changing the end user's line PIC designation to PIC NONE.

(C)

(4) The Telephone Company is not liable for any dispute of the change in PIC selection to PIC NONE resulting from a carrier's notification to the Telephone Company.

(T)

(M)(x)

(M)(x)

(D)

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.2 Presubscription (Cont'd)(F) 1+ Coin Sent-Paid Presubscription

- (1) 1+ coin sent-paid interLATA access provides the ability for the Telephone Company to route 1+ coin sent-paid interLATA traffic to the 0+ presubscribed provider directly or, to its subcontracted provider. The presubscribed provider has the option to receive both 0+ and 1+ interLATA calls originating from Telephone Company public and semipublic coin telephones, or to select one subcontracted provider per LATA to receive the 1+ coin sent-paid interLATA traffic, or it can continue to default the 1+ coin sent-paid interLATA traffic to the existing Interexchange Carrier which handles 1+ coin sent-paid interLATA calls from the Telephone Company's public pay telephones until the 0+ presubscribed provider is ready to handle such traffic. 0+ presubscribed providers choosing to either carry or subcontract 1+ coin sent-paid interLATA traffic must provide a Letter of Intent (LOI) to the Telephone Company. If the 0+ presubscribed provider does not submit a LOI indicating whether 1+ coin sent-paid interLATA traffic shall be routed to itself or to a subcontracted provider, the 1+ coin sent-paid interLATA traffic will continue to be routed to the existing 1+ coin sent-paid interLATA carrier until such time as the 0+ presubscribed provider submits a LOI followed by an Access Service Request. If the 0+ presubscribed provider subcontracts the 1+ coin sent-paid interLATA traffic, the presubscribed provider is solely responsible for all 0+ and 1+ interLATA calls originating from the Telephone Company public and semipublic coin telephones.

If the 0+ presubscribed provider subcontracts the 1+ coin sent-paid interLATA traffic, the Telephone Company must also receive a Letter of Authorization (LOA) from the 0+ presubscribed provider or the subcontracted provider, stating that the subcontracted provider agrees to accept and transport the 1+ coin sent-paid interLATA traffic, prior to routing such traffic to the subcontracted provider. If the 0+ presubscribed provider selects a subcontracted provider to handle 1+ coin sent-paid interLATA traffic, any arrangements will be solely between the presubscribed provider and its subcontracted provider.

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.2 Presubscription (Cont'd)(F) 1+ Coin Sent-Paid Presubscription (Cont'd)

- (2) Where a presubscribed provider which handles 0+ interLATA traffic from the Telephone Company's public or semipublic telephone selects, on a LATA by LATA basis, a subcontracted provider to handle the 1+ coin sent-paid interLATA traffic, it shall be the sole duty and obligation of the customer to make any and all arrangements for access billing and settlement with the subcontracted provider. The Telephone Company shall be indemnified, defended and held harmless by the presubscribed provider and the subcontracted provider for any and all claims arising out of any act or omission of the presubscribed provider and/or subcontracted provider relating to access billing, settlement of arrangements and any other issue concerning the relationship between the presubscribed provider and its authorized subcontracted provider.

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.2 Presubscription (Cont'd)

	<u>RATE</u>	<u>USOC</u>	
(G) The charge for a change in Presubscription +*			
- per Telephone Exchange Service Line, Trunk, or Pay Telephone			
(1) When Presubscription change is requested without an LPIC change request on the same line and on the same order:			
(a) Electronically requested Presubscription	\$1.25	--	(I)
(b) Manually requested Presubscription	5.50	--	(I)
(2) When Presubscription change is requested together with an LPIC change request on the same line and on the same order:			
(a) Electronically requested Presubscription	0.63	--	(R)
(b) Manually requested Presubscription	2.75	--	(R)

+ Where these charges are applicable to a subscriber or end user under this tariff, except as set forth in (E)(2)(b) preceding, a carrier may make arrangements with the Telephone Company to pay these charges on behalf of the subscriber or end user.

* For customers in Washington, D.C., this charge will apply separately to both interLATA and intraLATA toll presubscription changes, except when the request is to change the toll provider for both interLATA and intraLATA services at the same time, for the same line, and on the same order. In this case, a single charge will apply per line.

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)4.3 Auto Transfer

- (A) Auto Transfer is an option provided by the Telephone Company that will allow for the transfer of residential end users to their requested presubscribed Interexchange Carrier, when that Interexchange Carrier is an Auto Transfer participant.

When an end user establishing or changing a service accepts a transfer to their presubscribed Interexchange Carrier, the Telephone Company will transfer the end user by dialing a dedicated Toll Free* number designated by the Interexchange Carrier, and then drop off the line.

Transfers will be made only during normal Telephone Company business office hours in accordance with local scheduling.

A charge as set forth below will be assessed to the participating Interexchange Carrier for each end user call transferred to that Interexchange Carrier.

(1) <u>Auto Transfer</u>	<u>Rate</u>	<u>USOC</u>
-per call Transferred	\$0.35	

* "Toll Free" service includes any access service which utilizes the following NPA's: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service5.1 General

This section sets forth the regulations and order related charges for Access Orders for Switched and Special Access Services. These charges are in addition to other applicable charges as set forth in other sections of this tariff.

An Access Order is an order to provide the customer with Switched Access Service or Special Access Service or to provide changes to existing services.

5.1.1 Ordering Conditions

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 all information necessary for the Telephone Company to provide and bill for the requested service. In addition to the order information required in 5.2 following, 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.

Orders for Lineside BSA and Feature Group A Switched Access Service shall be in lines.

Orders for Trunkside BSA - 950 Option and Feature Group B Switched Access Service shall be in trunks.

The order date, which is known as the Application Date, is the date on which the Telephone Company receives a firm commitment and sufficient information from the customer to allow processing of the Access Order. The customer is advised of the critical events in the provisioning process, the Application Date, the Scheduled Issue Date, the Design Layout Report Date, the Records Issue Date, Wired and Office Tested Date, Plant Test Date and Service Date, at the time the Telephone Company gives the customer a firm confirmation. This firm order confirmation is forwarded to the customer on the date which all information to process the ASR is available.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.1 General (Cont'd)5.1.2 Provision of Other Services

- (A) In addition to Switched and Special Access Services, other services offered under this Tariff shall be ordered with an Access Order or as set forth in (B) following. The rates and charges for these other services, as set forth in other sections of this tariff, will apply in addition to the ordering charges set forth in this section and the rates and charges for the Access Service with which they are associated.
- (B) With the agreement of the Telephone Company, other services set forth in (A) preceding, may subsequently be added to the order at any time, up to and including the service date for the Access Service. When added subsequently, charges for a design change as set forth in 5.2.2(C) following will apply when an engineering review is required.
- (C) 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%.

The regulations, rates and charges for Additional Engineering are as set forth in 13.1 following and are in addition to the regulations, rates and charges specified in this section.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.1 General (Cont'd)5.1.3 Special Construction

When the Telephone Company determines that the installation of service meets the guidelines of the special construction tariffs, the customer is notified and conditions are negotiated as prescribed by the special construction tariffs. A joint planning meeting between customer and the Telephone Company may be held to minimize any special construction charges.

The regulations, rates and charges for interstate special construction are set forth in the tariffs as defined in Section 1. preceding and are in addition to the regulations, rates and charges specified in this section.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order

An Access Order is used by the Telephone Company to provide a customer Access Service as follows:

- Switched Access Services as set forth in Section 6 following,
- Special Access Services as set forth in Section 7 following,
- Packet Data Services as set forth in Section 16 following,
- Other Services as set forth in Section 5.1.2 preceding.

- (A) When a customer requests new or additional Switched Access Services, one or more access orders may be required. The number of orders required is dependent on the type of services and/or facilities being requested.

When placing an order for service, the customer shall specify, at a minimum, information for the Entrance Facility, as described in (1) following, Direct Trunked Transport Facility, as described in (2) following, and/or Tandem Switched Transport, as described in (3) following. This information is in addition to the basic Lineside or Trunkside Switched Access Service arrangement (BSA or FG) as described in (4) and (5) following respectively.

- (1) When the customer orders an Entrance Facility for Switched Access Service (as described in Section 6.1.2 following), the customer must specify the customer-designated premises and the type of facility, IEF, DS3, DS1, DSR, ISAN, ISSP, IBT, or Voice Grade, being requested between the customer's premises and the serving wire center (SWC) of that premises. The customer shall specify their facility terminating interface and the appropriate multiplexing options if desired at the SWC. (T)
- (2) When the customer orders Direct Trunked Transport (as described in Section 6.1.2 following) for Lineside or Trunkside Access, the customer must specify whether the Entrance Facility that interfaces with the Direct Trunked Transport facility is new or existing. If the Entrance Facility is new, the customer shall order the Entrance Facility as described in (1) preceding. If the Entrance Facility is existing, the customer shall provide the Circuit Identification of the existing facilities that will be utilized for the Direct Trunked Transport. The Entrance Facility capacity must be the same capacity as the Direct Trunked Transport or higher. The customer shall specify the type of Direct Trunked Transport facility, DSR, ISAN, ISSP, IBT, DS3, DS1, or Voice Grade, being requested between the SWC of the customer's premises and the end office switch and any multiplexing options desired at the end office. In addition, the customer must order Lineside or Trunkside Access at the same time as described in (4) and (5) following. (T)

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)

(A) (Cont'd)

- (3) When the customer orders Tandem Switched Transport for Trunkside Access, the customer must specify whether the Entrance Facility that interfaces with the Tandem Switched Transport is new or existing. If the Entrance Facility is new, the customer shall order the Entrance Facility as described in (1) preceding. If the Entrance Facility is existing, the customer shall provide the Facility Identification of the facilities to be utilized. Tandem Switched Transport is only available with Trunkside Switched Access and must be ordered in trunks as set forth in (A)(5) following.
- (4) When the customer orders FGA/Lineside Switched Access Service, the customer must have capacity available on an existing Entrance Facility and/or Direct Trunked Transport facility with compatible interfaces or request an Entrance Facility and/or Direct Trunked Transport facility as described in (1) and (2) preceding. Tandem Switched Transport is not available for FGA/Lineside Switched Access. If the Entrance Facility and/or Direct Trunked Transport facility are existing, the customer shall provide the Facility Identification of the facilities to be utilized. The customer shall also specify the number of lines and the first point of switching (i.e., dial tone office), the Switched Transport options and Local Switching options desired. In addition, the customer shall specify whether the ordered line(s) is for FX/ONAL service or MTS/WATS-type service. If the customer specifies MTS/WATS-type service, it shall also specify which lines are to be arranged in multiline hunt group arrangements and which lines are to be provided as single lines. Lineside BSA and Feature Group A service will only be provided in switch types with technical capabilities to provide terminating call screening and individualized call billing detail for both originating and terminating traffic. Existing Lineside BSA and FGA customers (Service in place prior to January 1, 1986) provided service out of offices not possessing these technical capabilities may retain their existing services and may continue to add or subtract lines.

(D)

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)

(A) (Cont'd)

- (5) When the customer orders Trunkside Switched Access Service, the customer must have capacity available on an existing Entrance Facility with a compatible interface or request an Entrance Facility as described in (1) preceding. In addition, the customer must specify if Direct Trunked Transport or Tandem Switched Transport is to be utilized. If Direct Trunked Transport is requested the customer must specify whether the Direct Trunked Transport facility is new or existing. If the Direct Trunked Transport facility is new, the customer may order the Direct Trunked Transport facility as described in (2) preceding. If the Direct Trunked Transport facility is existing, the customer shall provide the Circuit Identification of the facility to be utilized. Trunkside Switched Access utilizing Direct Trunked Transport must be ordered in trunks as set forth in (A)(2) preceding. If Tandem Switched Transport is requested, the customer may order Trunkside Switched Access in trunks as set forth in (A)(3) preceding.

For Trunkside BSA - 950 Option and Feature Group B Switched Access Service, the customer shall specify the number of trunks and the end office when Direct Trunked Transport routing to the end office is desired or the access tandem switch when Tandem Switched routing is desired via an access tandem switch and Switched Transport options and Local Switching options desired. When ordering Trunkside BSA - 950 Option and FGB trunks 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. In addition, the customer shall also specify for terminating only access whether the trunks are to be arranged in trunk group arrangements or provided as single trunks. The basic traffic type must also be specified using the same categories as described in 6.1.1(H) following, to enable efficient provisioning and billing functions.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)

- For Trunkside BSA-101XXXX Option and Feature Group D Switched Access Service, the customer shall specify the number of trunks desired between their premises and an entry switch. 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 or entry switch to assist the Telephone Company in its own efforts to project future facility requirements. When service is ordered to an access tandem, the guidelines as specified in 6.6.2 apply. This information is used to determine the number of transmission paths as set forth in 6.6.5 following. The basic traffic type must also be specified using the same categories as described in 6.1.1(H) following, to enable provisioning and billing functions. (D)
- For Trunkside BSA-101XXXX Option and Feature Group D Switched Access Service with out of band signaling, in addition to information listed in 5.2 preceding, the customer shall specify a reference to existing out of band signaling connections or reference to a related signaling connection order in 6.2.8 following. The customer must also provide any out of band signaling Local Switching options. When ordering trunks with out of band signaling, the customer shall provide STP point codes and location identifier codes, circuit identification codes and switch type. In addition, the customer shall also specify, for out of band signaling connections the level of diversity in its network as defined in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and in Technical Reference GR-905-CORE, Issue 11.
- For Trunkside BSA-101XXXX Option and Feature Group D with out of band signaling, the customer shall work cooperatively with the Telephone Company to determine the number of out of band signaling connections required to handle its signaling traffic.
- For Billing Validation Service, in addition to information listed in 5.2 preceding, the customer shall specify a reference to existing out of band signaling connections in the LATA where the LIDB SCP is located or a reference to a related signaling connection order in 6.2.8 following. Customers ordering Billing Validation Service must identify all operator and other related switches (i.e., STP, SP), via point codes and location identifier codes, that will access the Telephone Company LIDB SCP.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)

In addition, the customer shall also specify, for out of band signaling connections the level of diversity in its network as defined in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and in Technical Reference GR-905-CORE, Issue 11. Customers ordering Billing Validation Service are subject to the requirements specified in 2.3.9, 2.3.10(A)(4), and 2.3.10(A)(8).

- For Billing Validation Service, the customer shall work cooperatively with the Telephone Company to determine the number of out of band signaling connections required to handle the signaling for Billing Validation Service.
- When the office to which the customer is ordering service is a remote switching system (RSS) or remote switching module (RSM), the customer must also specify the end office that serves as the host switch for the RSS or RSM.
- When a customer orders Trunkside BSA-101XXXX Option or FGD, the customer is responsible to assure that sufficient access facilities have been ordered to handle its traffic.
- Special Access Connections with Other Network Services, such as WATS Access Connection (WAC) may be ordered separately by a customer other than the customer which orders the Switched Access Service.
- For the WATS Access Connection (WAC), used for the provision of WATS Access Line Service which provides transmission of interstate or international traffic (only in conjunction with Trunkside BSA-101XXXX Option and Feature Group D service), the customer shall specify the premises at which the WAC terminates, the type of line (i.e., two wire or four wire), the type of calling, (i.e., originating or terminating), the desired type of Code Screening (i.e., bound or unbound), the Network Channel Interface, the Technical Specifications Package, and any other service options. For WATS Access Line Service combined with Lineside BSA, Trunkside BSA - 950 Option, Feature Group A, or Feature Group B, when the end user's serving wire center is not a WSO or, if there is not sufficient capacity in the WSO, the Telephone Company will use the nearest WSO where capacity exists. For WATS Access Line Service combined with Trunkside BSA- 101XXXX Option or Feature Group D, when the customer's premises is not served by a Feature Group D office, the Telephone Company will use the nearest Trunkside BSA-101XXXX Option or Feature Group D office to provide service. Certain Trunkside BSA-101XXXX Option and Feature Group D offices, i.e., DMS 10 and #5ESS, do not have the WATS capability. The Telephone Company will use the nearest equipped Trunkside BSA-101XXXX Option or Feature Group D office to provide the service. The customer will be notified of the change and order modification charges will not apply. (D)

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Vice President, Federal Regulatory
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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)

- When the Switched 56 (S56) Kilobit Service option, described in 6.3.2.3(A) following, is ordered for use with Trunkside BSA- 101XXXX Option and Feature Group D service, the customer must specify the office where the Switched 56 Kilobit Service function is to be provided. Switched 56 Kilobit Service is available only in Telephone Company designated end offices. Trunkside BSA- 101XXXX Option and Feature Group D trunks used for Switched 56 Kilobits Service are dedicated to carrying only Switched 56 Kilobit Service traffic and is ordered directly to the Switched 56 Kilobit Service end office. Switched 56 Kilobit Service trunks may be originating only, terminating only, or two way.

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(T)

ACCESS SERVICE

5.2 Access Order (Cont'd)

For Dedicated Network Access Links (DNALs), the customer must specify the customer premises involved, the type of DNAL (e.g., Metallic or Voice Grade), the channel interface, technical specifications package and options desired, and the Percent Interstate Usage (PIU) (DNAL PIU must be the same as the Lineside BSA PIU which utilizes the DNAL), in accordance with section 2.3.10, preceding.

Trunkside BSA-101XXXX Option and Switched Access Service FGD Services may be used to carry calls originated from a Telecommunication Relay Service (TRS) Center. Customers using their access service to carry TRS Center originated traffic may use existing tandem routed facilities, as specified preceding, or order a separate Trunkside BSA-101XXXX Option or Switched Access Service FGD Service to the tandem switch which serves the TRS Center.

In order to use existing Trunkside BSA-101XXXX Option or existing FGD facilities, the customer must place an order with the Telephone Company specifying which trunks will route TRS traffic. Existing facilities may be used only when such facilities terminate in the access tandem which serves the TRS Center.

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ACCESS SERVICE

5.2 Access Order (Cont'd)

- 1+900 Access Service may be ordered on a Direct-Trunked Transport connection (only to equal access end offices with six digit translation capability), or via a Tandem Switched connection to an access tandem, at the option of the customer.

For 1+900 Access Service, when the customer requires a separate trunk group for conventional signaling between the equal access tandem and the customer serving wire center, 1+900 Access Service traffic will be delivered via a separate 1+900 trunk or trunk group.

500 Access and 1+900 Access Service are ordered on a statewide or LATA basis. Calls originating in a LATA in which the customer has not ordered 500 Access or 1+900 Access Service NXX codes activated will be blocked.

0+900 Access Service is available on a per office basis, only when combined with 1+900 Access Service in those LATAs and for activated NXXs, where the customer has ordered 1+900 Access Service.

- For Directory Assistance Service, the customer shall specify the number of trunks from the customer's premises to the Directory Assistance location. If the Directory Assistance Service is to be combined with a Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, Feature Group B or D Switched Access Service, the customer shall also specify which Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, Feature Group B or D Switched Access Service trunk group is to be associated with the Directory Assistance Service. This information is used to determine the number of transmission paths as set forth in 9.2(E)(3) following. The customer then specifies the Directory Transport options.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)

- For Special Access Services, the customer must specify the customer premises or Hubs involved, the type of service (e.g. Video, Voice Grade, High Capacity, etc.), the channel interface, technical specification package and options desired, and the Percent Interstate Usage (PIU) as greater than or less than 10%, in accordance with Section 2.3.12, preceding. For multipoint services, the channel interface at each premises may, at the request of the customer, be different; but all such interfaces shall be compatible. For multiplexed High Capacity systems ordered to Facility Hubs except DS3 services with an optical interface, the customer must designate Hubs, specify Connecting Facility Assignment (CFA), and control channel assignment and routing of the subtending services. Voice Grade services that are ordered with compatible digital interfaces but without channel and assignment data will be provisioned, where facilities permit, on Telephone Company DS1 facilities inventory. (D)
- For all Packet Data Services, the customer must specify the customer designated premises; when applicable, the access concentrator or packet switch location involved, and the type of service to be provided through Special Access Service (e.g., voice grade or Digital Data Service); the channel interface; technical specification package(s) and options desired; the billing options and the desired optional features.
- When establishing Special Access Service under a Shared Network Arrangement, the Host Subscriber and the Service User must coordinate with each other the design, testing and maintenance of the service; additionally, the service user must provide to the Telephone Company the Connecting Facility Assignment (CFA) and the High Capacity Billing Account Number (HBAN) of the Host Subscriber.

Upon receipt of a letter of authorization for a Shared Network Arrangement from the Host Subscriber, the Telephone Company will undertake to connect the Service User's circuits to the Host's service and to establish and maintain separate billing for the Service User's portion of the service. In the event that the Service User's is requesting a subtending circuit from a Host Subscriber's multiplexer which is, in term, part of a separate Shared Network Arrangement with a third-party Host (a cascading Shared Network Arrangement), the Service User must also obtain and provide to the Telephone Company the appropriate HBAN and CFA of the third-party Host, in order to identify the complete circuit for purposes of maintenance and testing continuity.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)

- When the Shared Network Arrangement is requested for a service that will be provided over a Host Customer's DSR that is equipped with the Customer Service Management (CSM) optional feature as set forth in Section 23.1(K)(1) following, the Service User's Letter of Authorization must also include an acknowledgment that the Host Customer has the ability to perform CSM functions (e.g., reconfiguration) on the portion of the Service User's service that rides the DSR. (N)
- When the Shared Network Arrangement is requested for a service that will be provided over a Host Customer's DSR that is equipped with the Direct TL1 Monitoring (DTM) optional feature as set forth in Section 23.1(K)(2) following, the Service User's Letter of Authorization must also include an acknowledgment that the Host Customer has the ability to perform DTM functions (e.g., monitoring) on the portion of the Service User's service that rides the DSR. (N)
- For Verizon Dedicated SONET Ring (DSR) and IntelliLight® Optical Transport Service (IOTS), the Telephone Company will construct the customer's dedicated ring prior to issuance of an Access Service Request (ASR). The customer must provide the Telephone Company with complete and accurate information to design and construct the customer's dedicated ring. Construction will not begin until the customer and the Telephone Company agree on the design of the ring. The order date for the ring is the date on which the customer provides the Telephone Company with written or electronic authorization to begin construction. Upon subsequent notification by the Telephone Company that construction is complete, the customer must submit an ASR for the constructed service so that billing may commence. In the event that the customer cancels its request, or part of its request, for construction of the ring, or fails to subsequently issue the ASR so that billing of the constructed ring may commence, cancellation charges as set forth in 5.2.3(B)(4) following will apply.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)

- In addition to ordering access service in trunks for Trunkside BSA-101XXXX Option and Feature Group D, customers may order initial Trunkside BSA-101XXXX Option and Feature Group D access service by specifying a percent of market share in lieu of an estimated number of trunks.

Percent of market share ordering is only allowable when submitting an initial order for Trunkside BSA-101XXXX Option and Feature Group D service in an end office scheduled for equal access conversion. Percent of market share cannot be used to order service in an end office already converted to equal access, nor can it be used to add or delete capacity for an existing service even if such service was initially ordered on a percent of market share basis.

The Telephone Company, upon receipt of an access order specifying percent of market share, will convert such customer projected market share, into the number of trunks to be provided for service. The derived number of trunks figure will be used to compute any applicable per trunk charges as specified in 6.9 following.

Percent of market share is expressed as a whole number percentage.

The Telephone Company will apply the percent market share supplied by the customer to the Telephone Company's computation of current total interLATA load in the existing toll busy hour. The Telephone Company will use standard engineering methods to determine whether to establish direct final trunk groups or direct high usage trunk groups with overflow to an equal access tandem. The quantity of direct final or tandem trunks will be determined using Neal-Wilkinson trunk Capacity Tables.

The serving arrangement with trunk quantities will be communicated to the customer for concurrence.

The Telephone Company will not be held responsible for any injury to the customer, including service deficiencies and over-provisioning, resulting from establishment of access service utilizing the percent market share ordering option.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)

- Toll Free** Data Base Access Service as well as vertical features may be ordered via direct access to the centralized data base system [i.e., the Service Management System (SMS)] or via a Responsible Organization (RESP ORG) that has access to the SMS*. Access to the SMS may be via dial-up terminal access, dedicated terminal access, or mechanized generic interface access. Access to the SMS is provided for under a separate tariff filing (i.e., the Toll Free NASC/SMS Functions Tariff), and may be arranged through the Toll Free Number Administration Service Center (Toll Free NASC).

- Service Provider Number Portability Database Service (SPNP)

For SPNP Database Service, customers must provide initial estimates of total annual call volumes, including busy hour query volume. The Telephone Company will utilize this information in its effort to project further facility requirements.

- * The Service Management System is the main operations support system of Toll Free Data Base Service. It is used to create and update subscriber Toll Free records that are then downloaded to SCPs for handling subscriber's Toll Free calls. The system is also used to reserve and assign Toll Free numbers.
- ** "Toll Free" service includes any access service which utilizes the following NPA's: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)

To estimate the amount of traffic to be generated to or from each end office subtending the entry switch or tandem, the BHMC may be determined by the customer in the following manner. For each day the customer shall determine the highest number of minutes of use for a single hour (e.g., 55 minutes in the 10-11 AM hour). The customer shall, for the same hour period (i.e. busy hour) 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 subtending an entry switch or tandem to which service is ordered. When Switched Access Service is ordered in trunks, the trunks may be determined by the customer in the following manner. For each day the customer shall determine the highest number of trunks in use for a single hour. The customer shall, for the same hour period (i.e., busy hour), pick the twenty consecutive business days in a calendar year which add up to the largest number of trunks in use. The customer shall then determine the average busy hour trunks by dividing the largest number of trunks in 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 and/or access tandem the customer wishes to serve.

Where the Special Access Service is exempt from the Special Access Surcharge as set forth in Section 7.4.2, following, the customer shall furnish with the order the certification as set forth in Section 7.4.2, following.

5.2.1 Access Order Service Date Intervals

Access Service is provided with one of the following Service Date Intervals:

- Standard Interval
- Negotiated Interval

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.1 Access Order Service Date Intervals (Cont'd)

To the extent the Access Service can be made available with reasonable effort, the Telephone Company will provide the Access Service in accordance with the customer's requested interval, subject to the following conditions:

(A) Standard Interval

The Telephone Company shall publish and make available to all customers a schedule of Standard Intervals applicable for Switched and Special Access Services. The schedule specifies the services and the quantities of services that can be provided in the Standard Intervals. Individual copies of the "Verizon Schedule of Standard Intervals" will be made available to customers upon request.

Access Services provided in a Standard Interval 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 13.2.6 following.

(B) Negotiated Interval

The Telephone Company will negotiate a service date interval with the customer when:

- (1) There is no Standard Interval for the service, or
- (2) The customer requests a service date before or beyond the applicable Standard Interval service date, or
- (3) The quantity of Access Services ordered exceeds the quantities specified in the Standard Intervals.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.1 Access Order Service Date Intervals (Cont'd)(B) Negotiated Interval (Cont'd)

The Telephone Company will offer a service date based on the type and quantity of Access Services the customer has requested. The Negotiated Interval may not exceed by more than six months the Standard Interval Service date, or, when there is no Standard Interval, the Telephone Company offered service date.

All part-time Video services are provided with a Negotiated Interval. Each service is 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 the service can be provided to the customer.

(C)

All services for which rates are applied on an individual case basis are provided with a Negotiated Interval.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.2 Access Order Modifications

The customer may request a modification of its Access Order prior to the service date. The Telephone Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours. If the modification 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 modification, the Telephone Company will schedule a new service date. All charges for Access Order modifications will apply on a per occurrence basis.

Any increase in the number of Special Access Service channels, Switched Access Service lines, trunks, Switched Transport facilities, or out of band signaling connections will be treated as a new Access Order (for the increased amount only).

If order modifications are necessary to satisfy the transmission performance for a Special Access Service ordered by a customer, these changes will be made without order modification charges being incurred by the customer.

(A) Service Date Change Charge

- (1) For Special Access Services, Access Order service dates for the installation of new services or rearrangements of existing services may be changed, but the new service date may not exceed the original service date by more than 30 calendar days except as specified following. (T)
When, for any reason, the customer indicates that service cannot be accepted for a period not to exceed 30 calendar days, and the Telephone Company accordingly delays the start of service, a Service Date Change Charge will apply. (C)

If a customer or a customer's end user is unable to accept service within 30 calendar days of the original service date, the customer may elect one of the following options: (C)

- (a) the customer may take no action, and the order will be cancelled by the Telephone Company on the 31st day with the appropriate Cancellation Charge as set forth in 5.2.3 following applied; or (T)
(b) the customer may choose to commence billing for the service on the 31st day. (N)

Certain material previously found on this page can now be found on Original Page 5-18.2.

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(T)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.2 Access Order Modifications (Cont'd)

(A) Service Date Change Charge (Cont'd)

(1) (Cont'd)

When a customer chooses the option to commence billing for the service on the 31st day, the customer must place an Access Order Modification to the existing Access Order prior to the 31st calendar day after the original service date to request a new service date. The new service date may not exceed the original service date by more than 120 calendar days. A Service Date Change Charge will not apply for such service date change; however, if subsequent additional service date changes are requested after calendar day 31, the Service Date Change Charge will apply, per request.

When a customer chooses the option to commence billing for the service on the 31st day, monthly recurring charges for the service will begin accruing at calendar day 31 after the original service date. The initial or subsequent bill for the service will include these accrued charges and any applicable nonrecurring charges in addition to billable charges specified in Section 2.4.1(B) preceding.

If the customer requested service date is more than 120 calendar days after the original service date, or if the customer or the customer's end user is unable to accept the service within 120 calendar days of the original service date, the order will be cancelled by the Telephone Company on the 121st day. In the event of any such cancellation, or if the customer cancels the order after the 30th day, the customer will be billed the accrued monthly recurring charges specified preceding plus any applicable nonrecurring charges. These charges will be computed commencing at day 31 after the original service date up to and including the cancellation date. The customer will be responsible for applicable minimum period and termination liability charges.

(N)

(N)

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.2 Access Order Modifications (Cont'd)

(A) Service Date Change Charge (Cont'd)

- (2) For services other than Special Access Services, Access Order service dates for the installation of new services or rearrangements of existing services may be changed, but the new service date may not exceed the original service date by more than 30 calendar days. When, for any reason, the customer indicates that service cannot be accepted for a period not to exceed 30 calendar days, and the Telephone Company accordingly delays the start of service, a Service Date Change Charge will apply.

If the customer requested service date is more than 30 calendar days after the original service date, or if the customer or the customer's end user is unable to accept Access Service within 30 calendar days of the original service date, the order will be cancelled by the Telephone Company on the 31st day with the appropriate Cancellation Charge as set forth in 5.2.3 following applied.

(C) (x)
(M)

(M)
(D) (x)

(x) Certain material on this page formerly appeared on Original Page 5-18.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.2 Access Order Modifications (Cont'd)(A) Service Date Change Charge (Cont'd)

- (3) A new service date may be established that is prior to the original standard or negotiated interval service date if the Telephone Company determines it can accommodate the customer's request without delaying service dates for orders of other customers. If the service date is changed to an earlier date, the customer will be notified by the Telephone Company that a Special Handling Charge as set forth in (D) following will apply. Such charges will apply in addition to the Service Date Change Charge.
- (4) Except as otherwise specified in (A)(1) preceding, a Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The applicable charge is:

	USOC OMC	Charge	
Service Date Change Charge,			
Special Access Service, per order			(C)
Price Cap		\$150.00	(T)
Price Bands 4, 5 and 6		150.00	(N)
All other services, per order		150.00	(C)

(B) Partial Cancellation Charge

Any decrease in the number of ordered Special Access Service channels, Switched Access Service lines, trunks, or out of band signaling connections (OBSC) ordered will be treated as a partial cancellation and the charges as set forth in 5.2.3(B) following will apply.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.2 Access Order Modifications (Cont'd)(C) Design Change Charges

The customer may request a design change to the service ordered. 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 change 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. Design changes do not include a change of customer premises, end user premises, end office switch, Feature Group, Lineside BSA, Trunkside BSA, or Special Access Service, or Switched Transport facilities 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.

The Telephone Company will review the requested change, notify the customer whether the change is a design change, if it 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 will apply. The Design Change Charge will apply on a per order, per occurrence basis, for each order requiring a design change. The applicable charge is:

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.2 Access Order Modifications (Cont'd)(C) Design Change Charges (Cont'd)

	<u>USOC</u> <u>H28</u>	<u>Charge</u>	
Design Change Charges,			(C)
Special Access Service, per order			
Price Cap		\$150.00	(T)
Price Bands 4, 5 and 6		150.00	(N)
All other services, per order		150.00	(C)

If a change of service date is required, the Service Date Change Charge as set forth in (A) preceding will also apply.

(D) Special Handling Charge

A Special Handling Charge will apply when a customer requests a service date that is earlier than the Standard Interval service date for the Access Service ordered. A customer may also request an earlier service date on negotiated interval Access orders.

The request for an earlier service date may be received from the customer prior to the issuance of an Access order, or after the Access order has been issued but prior to the service date.

The Telephone Company maintains exclusive right to accept or deny the request to expedite. If, upon reviewing availability of equipment and scheduled work load, the Telephone Company agrees to provide service on an expedited basis and the customer accepts this proposal, a Special Handling Charge will apply.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.2 Access Order Modifications (Cont'd)(D) Special Handling Charge (Cont'd)

If the Telephone Company is subsequently unable to meet an agreed upon expedited service date, then the Special Handling Charge will not apply.

In the event that the Telephone Company provides service on an expedited basis by customer request and the customer then delays service, an additional Service Date Change Charge beyond that specified in 5.2.2(A) preceding will be applied.

In the event that the customer cancels an expedite request, the Special Handling Charge will be added to the Cancellation Charge specified above.

A Special Handling Charge will not be applied to orders expedited for Telephone Company reasons.

If costs other than additional administrative expenses are to be incurred when Access order is expedited, the regulations, rates and charges for interstate special construction are as set forth in the tariffs as defined in Section 1, preceding.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.2 Access Order Modifications (Cont'd)(D) Special Handling Charge (Cont'd)

The nonrecurring Special Handling Charge to be applied to all Switched and Special Access orders processed on an expedited basis is as follows:

	<u>USOC</u>	<u>Charge</u>	
Special Handling Charge,	EOD		(T)
Special Access Service			(C)
Price Cap		\$557.00	(T)
Price Bands 4, 5 and 6		557.00	(N)
All other services, per order		557.00	(C)

The Special Handling Charge will be billed in addition to the normal nonrecurring Access service charge and will be applied on a per order per occurrence basis.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3 Cancellation of an Access Order

- (A) A customer may cancel an Access Order for the installation of service at any time prior to notification by the Telephone Company that service is available for the customer's use. 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.

Subject to Section 5.2.2 preceding, a customer may negotiate an extension of a service date of an Access Order for installation of new services or rearrangements of existing services.

(C)

(D)

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(D)

Costs incurred in conjunction with the provision of Switched or Special Access Service start on the Application Date as defined in (B)(2) following.

When the customer cancels an Access Order prior to being notified of the critical events in the Provisioning Process, as defined in (B)(2) following, no charges shall apply.

- (B) Applicable charges are based on the amount of provisioning completed by the Telephone Company at the time the order is cancelled. The charges are determined based on the following:

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Effective: November 21, 2009

Vice President, Federal Regulatory
1300 I Street, NW, Washington, DC 20005

(T)
(T)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(1) Certain Telephone Company critical dates are associated with an Access Order provisioning interval, whether Standard or Negotiated. These dates are used by the Telephone Company to monitor the progress of the provisioning process. At any point in the Access Order provisioning interval the Telephone Company is able to determine which critical date was last completed and can thus determine what percentage of the Telephone Company's nonrecurring charge has been incurred.

(2) The critical dates tracked by the Telephone Company are as follows:

- Application Date (APP): The date the customer provides a firm commitment and sufficient information as detailed in 5.1 preceding to the Telephone Company. This is also the order date.

- Scheduled Issue Date (SID): The date that the order is to be entered in the Telephone Company's order distribution system.

- Design Layout Report Date (DLRD): The date the Design Layout Report (DLR) is to be forwarded to the customer. In the case of "Routing/Translation only"* orders, this date occurs when all necessary network design and layout information has been passed to the Translation Writing Organization.

- Records Issue Date (RID): The date that all design and assignment information is to be sent to the central office and installation forces.

* Trunk Routing/Switch Translation (R/T) installation orders are those that require translations software changes only. Routing/Translation software installation includes, but is not limited to, Toll Free/900 NNX code changes.

(Issued under Transmittal No. 23)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(2) (Cont'd)

- Wired and Office Tested Date (WOT): The date by which all intraoffice wiring is to be completed, all plug-ins optioned, aligned, and frame continuity established, and the interoffice facilities, if applicable, tested. In addition, switching equipment, is to be installed and tested and all translations loaded and checked.
- Plant Test Date (PTD): The date on which overall testing of the service is to be started. In the case of "Routing/Translation only" *orders, this date is when all individual office tests of the translations are completed.
- Service Date (DD): The date on which service is to be made available to the customer. This is sometimes referred to as the Due Date.

(3) The amount of the total provisioning completed by the Telephone Company at a particular critical date varies by the type of service shown as following:

* Trunk Routing/Switch Translation (R/T) installation orders are those that require translations software changes only. Routing/Translation software installation includes, but is not limited to, Toll Free/900 NXX Code Changes.

(Issued under Transmittal No. 23)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(3) (Cont'd)

	<u>APP</u>	<u>SID</u>	<u>DLRD</u>	<u>RID</u>	<u>WOT</u>	<u>PTD</u>
FGA ¹	0%	9%	19%	37%	100%	100%
FGB ²	0%	8%	17%	32%	100%	100%
FGD ⁴	0%	7%	18%	32%	100%	100%
CCSAS	0%	7%	18%	32%	100%	100%
OTS	0%	7%	18%	32%	100%	100%
R/T*	0%	20%	50%	75%	90%	100%
MT DNAL	0%	22%	39%	39%	68%	100%
S56	0%	7%	18%	32%	100%	100%
VG ⁶	0%	8%	17%	17%	74%	100%
WAC	0%	7%	18%	32%	100%	100%
TV	0%	10%	25%	50%	75%	100%
SCVS	0%	10%	25%	50%	75%	100%
DA	0%	10%	21%	21%	70%	100%
HC	0%	6%	21%	21%	74%	100%

(D)

1 and Lineside BSA

2 and Trunkside BSA - 950 Option

4 and Trunkside BSA-101XXXX Option

6 and Voice Grade DNAL

* Trunk Routing/Switch Translation (R/T) installation orders are those that require translations software changes only. Routing/Translation Software installation includes, but is not limited to, 900 NXX code changes.

(Issued under Transmittal No. 1385)

Issued: November 30, 2018

Effective: December 15, 2018

Vice President, Federal Regulatory
1300 I Street, NW, Washington, DC 20005

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

- (4) When a customer cancels an Access Order, or part of an Access Order, before the service date, the Telephone Company will apply cancellation charges to the order, unless the order is cancelled because the Telephone Company missed the service date.

Charges for the cancellation of a service are based on the amount of provisioning completed at the time of the request to cancel, except:

- For part-time Video (Basic TV, SCVS and DVTS) that is charged per service based on the work completed at the time of cancellation, cancellation charges for each service at each critical date are as shown following under the applicable service.
- For Verizon Dedicated SONET Ring (DSR) and IntelliLight® Optical Transport Service (IOTS), cancellation charges also apply if the customer cancels an order, or part of an order, for the dedicated ring after providing the Telephone Company with written or electronic notification to begin construction of the ring. Cancellation charges apply as follows:
 - When a customer cancels the order or part of the order for its dedicated ring within the first thirty (30) days following written or electronic notification to the Telephone Company to begin construction of the ring, no cancellation charge will apply.
 - When a customer cancels the order or part of the order for its dedicated ring on the thirty-first (31st) day, but no later than the sixtieth (60th) day following written or electronic notification to the Telephone Company to begin construction of the ring, cancellation charges as set forth following, under the applicable service, will apply.

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(4) (Cont'd)

- When a customer cancels the order or part of the order for its dedicated ring on the sixty-first (61st) day following written or electronic notification to the Telephone Company to begin construction of the ring, up to the date of notification that construction of the ring is complete, or the Access Service Request (ASR) is issued, whichever occurs first, cancellation charges as set forth following will apply. If the customer cancels the order, or part of the order, after construction is complete or the ASR is issued, minimum period charges and termination liability also apply.

(M)
|
(M)
(T)
(T)
(M)
(M)
(M)
(M)

Cancellation charges for each service at each critical date are as follows:

(M)
(M)

Material now appearing on this page formerly appeared on Pages 5-12.1 and 5-28.

(This page filed under Transmittal No. 141)

Issued: January 17, 2002

Effective: February 1, 2002

Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(4) (Cont'd)

	<u>APP</u>	<u>SID</u>	<u>DLRD</u>	<u>RID</u>	<u>WOT</u>	<u>PTD</u>	
FGA ¹	\$0	\$75.00	\$187.50	\$375.00	\$562.50	\$750.00	
FGB ²	\$0	\$75.00	\$187.50	\$375.00	\$562.50	\$750.00	
FGD ⁴	\$0	\$75.00	\$187.50	\$375.00	\$562.50	\$750.00	
CCSAS	\$0	\$75.00	\$187.50	\$375.00	\$562.50	\$750.00	
NSP ⁷	\$0	\$600.00	\$1500.00	\$2250.00	\$3000.00	\$3000.00	
OTS	\$0	\$75.00	\$187.50	\$375.00	\$562.50	\$750.00	
R/T	\$0	\$70.00	\$175.00	\$262.50	\$315.00	\$350.00	
S56	\$0	\$75.00	\$187.50	\$375.00	\$562.50	\$750.00	
DA	\$0	\$75.00	\$187.50	\$375.00	\$562.50	\$750.00	
MT DNAL ³	\$0	\$20.00	\$50.00	\$100.00	\$150.00	\$200.00	(T) (D)
							(D) (D)
VG ^{3, 6}	\$0	\$75.00	\$187.50	\$375.00	\$562.50	\$750.00	
VG ⁷	\$0	\$75.00	\$187.50	\$375.00	\$562.50	\$750.00	
WAC ³	\$0	\$70.00	\$175.00	\$350.00	\$525.00	\$700.00	
WAC ⁷	\$0	\$70.00	\$175.00	\$350.00	\$525.00	\$700.00	(D) (D)
TV ³	\$0	\$90.00	\$225.00	\$450.00	\$675.00	\$900.00	
TV ⁷	\$0	\$90.00	\$225.00	\$450.00	\$675.00	\$900.00	
DVTS ³	\$0	\$140.00	\$350.00	\$700.00	\$1050.00	\$1400.00	
SCVS/DVTS ⁷	\$0	\$140.00	\$350.00	\$700.00	\$1050.00	\$1400.00	

1 and Lineside BSA
2 and Trunkside BSA - 950 Option
3 Price Cap
4 and Trunkside BSA-101XXXX Option

6 and Voice Grade DNAL
7 Price Bands 4, 5, and 6

(D)

(Issued under Transmittal No. 1363)

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Effective: January 2, 2018

Vice President, Federal Regulatory
1300 I Street, NW, Washington, DC 20005

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(4) (Cont'd)

	<u>APP</u>	<u>SID</u>	<u>DLRD</u>	<u>RID</u>	<u>WOT</u>	<u>PTD</u>	
<u>DDS</u> ¹	\$0	\$75.00	\$187.50	\$375.00	\$562.50	\$750.00	(T)
<u>DDS</u> ²	\$0	\$75.00	\$187.50	\$375.00	\$562.50	\$750.00	(N)
<u>HC (all zones)</u>							
- DS1	\$0	\$75.00	\$187.50	\$800.00	\$1200.00	\$1600.00	
- DS3	\$0	\$200.00	\$500.00	\$1500.00	2000.00	\$2500.00	
<u>HC</u> ²							
- DS1	\$0	\$75.00	\$187.50	\$800.00	\$1200.00	\$1600.00	(N)
- DS3	\$0	\$200.00	\$500.00	\$1500.00	2000.00	\$2500.00	(N)

IntelliLightIBT

-OC3, OC3c, OC12, OC12c, OC48,OC48c	\$0	\$364.00	\$ 1,820.00	3,640.00	\$ 3,640.00	\$ 3,640.00
OC192, OC192c	\$0	\$364.00	\$14,020.00	28,040.00	\$28,040.00	\$28,040.00

DSR: Cancellation Charges, which apply prior to issuance of the ASR;
 - Per node, port node, or per high speed interface.

	Within the First 30 days of ordering	31st to 60th after ordering	61st day after ordering - end of Construction
OC3,	NONE	\$565.00	\$1,130.00
OC12/3,	NONE	773.00	1,546.00
OC12,	NONE	962.00	1,924.00
OC48,	NONE	2,159.00	4,318.00
OC192,	NONE	7,010.00	14,020.00

**DSR: Cancellation Charges, which apply following notification that
 construction is complete or after issuance of the ASR;**
 - Per node, port node, or per high speed interface.

	<u>All Critical Dates</u>
OC3	\$1,130.00
OC12/3	1,546.00
OC12	1,924.00
OC48	4,318.00
OC192	14,020.00

1 Price Cap

(N)

2 Price Bands 4, 5, and 6

(N)

(Issued under Transmittal No. 1351)

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Vice President, Federal Regulatory
 1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(4) (Cont'd)

	<u>APP</u>	<u>SID</u>	<u>DLRD</u>	<u>RID</u>	<u>WOT</u>	<u>PTD</u>
Special Access IEF² (per STS1)						
\$0	\$200.00	\$500.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
Switched Access IEF (per STS1)						
\$0	\$200.00	\$500.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
Special Access ISSP²						
\$0	\$200.00	\$500.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
Switched Access ISSP						
\$0	\$200.00	\$500.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00

(D)

(D)

IOTS: Category I Cancellation Charges, Which Apply Prior to Issuance of the Access Service Request

	Within the First 30 Days of Ordering	31st to 60th Day After Ordering	61st Day After Ordering to Completion of Construction
- Per Primary Node	None	\$13,000.00	\$26,000.00
- Per Expansion Node	None	26,000.00	52,000.00
- Per Mid-Span Amp.	None	5,600.00	10,600.00
- Per Node Amp.	None	5,600.00	10,600.00
- Per High Speed Interface	None	5,600.00	10,600.00

IOTS: Category I Cancellation Charges Which Apply Following Notification that Construction is Complete or After Issuance of the Access Service Request

	<u>All Critical Dates</u>
- Per Primary Node	\$26,000.00
- Per Expansion Node	52,000.00
- Per Mid-Span Amp.	10,600.00
- Per Node Amp.	10,600.00
- Per High Speed Interface	10,600.00

1 Price Cap

2 Price Bands 4, 5, and 6

(Issued under Transmittal No. 1366)

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(4) (Cont'd)

	<u>APP</u>	<u>SID</u>	<u>DLRD</u>	<u>RID</u>	<u>WOT</u>	<u>PTD</u>
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IOTS: Category II Cancellation Charges, Which Apply Prior to Issuance of the Access Service Request (C)

	Within the First 30 Days of Ordering	31st to 60th Day After Ordering	61st Day After Ordering to Completion of Construction
- Per Primary Node	None	\$13,000.00	\$26,000.00
- Per Expansion Node	None	26,000.00	52,000.00
- Per Mid-Span Amp.	None	5,600.00	10,600.00
- Per High Speed Interface	None	5,600.00	10,600.00

IOTS: Category II Cancellation Charges Which Apply Following Notification that Construction is Complete or After Issuance of the Access Service Request

	<u>All Critical Dates</u>
- Per Primary Node	\$26,000.00
- Per Expansion Node	52,000.00
- Per Mid-Span Amp.	10,600.00
- Per High Speed Interface	10,600.00

(C)

(Issued under Transmittal No. 605)

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Effective: August 16, 2005

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(4) (Cont'd)

ISAN	<u>APP</u>	<u>SID</u>	<u>DLRD</u>	<u>RID</u>	<u>WOT</u>	<u>PTD</u>
(per Transport Channel)						
- DS1	\$0	\$75.00	\$187.50	\$750.00	\$750.00	\$750.00
- DS3	0	200.00	500.00	2,000.00	2,000.00	2,000.00
- OC3 & OC3c	0	364.00	1820.00	3,640.00	3,640.00	3,640.00
(per Entrance Ring POP)						
0		150.00	375.00	1,500.00	1,500.00	1,500.00
Special Access ISDP¹						
0		20.00	50.00	200.00	200.00	200.00
Special Access ISDP²						
0		20.00	50.00	200.00	200.00	200.00
Switched Access ISDP						
0		20.00	50.00	200.00	200.00	200.00
LAN Extension Service						
0		140.00	280.00	1,400.00	1,400.00	1,400.00

(D)
(D)

1 Price Cap

2 Price Bands 4, 5, and 6

(Issued under Transmittal No. 1385)

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(4) (Cont'd)

Verizon Optical Networking (per On-Net Channel Extension)

(T)

10 Mbps Ethernet or 10 Mbps Ethernet Mapped to STS1

APP	SID	DLRD	RID	WOT	PTD
\$0	\$200.00	\$500.00	\$2,000.00	\$2,000.00	\$2,000.00

100 Mbps Ethernet or 100 Mbps Ethernet Mapped to STS1 or OC3c

APP	SID	DLRD	RID	WOT	PTD
\$0	\$364.00	\$1,820.00	\$3,640.00	\$3,640.00	\$3,640.00

1 Gbps Ethernet or 1 Gbps Ethernet Mapped to OC3, OC12, OC12c or OC48

APP	SID	DLRD	RID	WOT	PTD
\$0	\$364.00	\$1,820.00	\$3,640.00	\$3,640.00	\$3,640.00

1 Gbps Fibre Channel or 1 Gbps Fibre Channel Mapped to OC48

APP	SID	DLRD	RID	WOT	PTD
\$0	\$364.00	\$1,820.00	\$3,640.00	\$3,640.00	\$3,640.00

(N)

1 Gbps FiCON or 1 Gbps FiCON Mapped to OC48

APP	SID	DLRD	RID	WOT	PTD
\$0	\$364.00	\$1,820.00	\$3,640.00	\$3,640.00	\$3,640.00

(N)

Verizon Optical Networking (per Access Aggregation Port)

(T)

OC3 Aggregation Port

APP	SID	DLRD	RID	WOT	PTD
\$0	\$364.00	\$1,820.00	\$3,640.00	\$3,640.00	\$3,640.00

OC12 Aggregation Port

APP	SID	DLRD	RID	WOT	PTD
\$0	\$364.00	\$1,820.00	\$3,640.00	\$3,640.00	\$3,640.00

OC48 Aggregation Port

APP	SID	DLRD	RID	WOT	PTD
\$0	\$364.00	\$1,820.00	\$3,640.00	\$3,640.00	\$3,640.00

(Issued under Transmittal No. 576)

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Effective: June 7, 2005

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.3 Cancellation of an Access Order (Cont'd)

(D)

(D)

(Issued under Transmittal No. 767)

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3 Cancellation of an Access Order (Cont'd)

- (C) When a customer cancels an order for the discontinuance of service, no charges apply for the cancellation.

5.2.4 Selection of Facilities For Access Orders

- (A) When there are analog or digital high capacity facilities to a Hub or to a customer designated premises at which a DS3 Premises Multiplexer is provided, or a Switched Access DS1 Service provided over a channel of a Shared Use Special Access facility that utilizes a DS3 Premises Multiplexer as described in Sections 5.2.8 and 7.2.9(D) following, 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. (N)
- (B) For all other Access Orders, the option to request a specific transmission path or channel is not provided except as provided for under Special Facilities Routing as set forth in 11. following. (N)

(Issued under Transmittal No. 1103)

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Effective: September 2, 2010

Vice President, Federal Regulatory
1300 I Street, NW, Washington, DC 20005

(T)
(T)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.5 Minimum Period

- (A) Except as set forth in (B) following, 7.2.5(E), (F) and (G), 7.2.11(D), 7.2.13(C), 7.2.14(C), 7.2.15(C), 7.2.16, 7.4.13, 7.4.16, 7.4.17, 8.2(C)(1), 8.3(C)(1), 9.4(A), and 16.4, 16.5, 16.6, 16.7, 25.1.10 and 25.3.8 following, the minimum period for which Access Service is provided and for which charges are applicable, is one month.
- (B) The minimum period for part-time Video (Basic, SCVS and DVTS) is one day 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.). (D)
- (C) Service Rearrangements as set forth in 6.8.1(C)(2) and 7.4.1(C)(3) following for Switched and Special Access Services respectively, may be made without a change in minimum period requirements.
- (D) Changes other than those identified in 6.8.1(C)(2) or 7.4.1(C)(3) following will be treated as a discontinuance of the existing service and an installation of a new service. All associated nonrecurring charges will apply for the new service. A new minimum period will be established for the new service. The customer will also remain responsible for all outstanding minimum period obligations associated with the disconnected service.

The changes listed below are those which will be treated as a discontinuance and installation of service except as specified in 2.1.2(A) preceding and for which a new minimum period is to be established.

- (1) A change of customer of record (i.e., Access Service is provided to and billed to a different customer)
- (2) A move to a different building as set forth in 6.8.7(B) or 7.4.5(B) following
- (3) A change in type of service (i.e., Switched Access to Special Access, one type of Special Access to another, or one type of Switched Access Feature Group to another except as set forth in 6.8.6 following)
- (4) A change in the type of Special Access Service Channel Termination and IEF and IBT Terminations
- (5) A change in Switched Access Service or Directory Assistance Service Interface Group
- (6) Change in Switched Access Service traffic type
- (7) Change from two-point to multipoint Special Access Service or from multipoint to two-point Special access service.

(Issued under Transmittal No. 1363)

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.5 Minimum Period (Cont'd)

(D) (Cont'd)

- (8) A change from point-to-point Special Access DS3 High Capacity Service to a point-to-point Special Access DS3 High Capacity Service provided with the DS3 Premises Multiplexer optional feature and function as set forth in Section 7.2.9(D)(8) following. (N)
- (9) A change from a Special Access DS3 High Capacity Service multiplexed at a Telephone Company Hub to a point-to-point Special Access DS3 High Capacity Service provided with the DS3 Premises Multiplexer optional feature and function as set forth in Section 7.2.9(D)(8) following.
- (10) A change involving the retermination of a Special Access DS1 High Capacity Service from a channel assignment on a DS3 to DS1 Central Office Multiplexer to a channel assignment on a DS3 Premises Multiplexer as set forth in Section 7.2.9(D)(8) following.
- (11) A change from a Switched Access High Capacity DS1 Service provided over a channel of a Shared Use Special Access DS3 facility to a Hub to a Switched Access High Capacity DS1 Service provided over a channel of a Shared Use Special Access DS3 facility that utilizes a DS3 Premises Multiplexer as described in Sections 5.2.8 and 7.2.9(D)(8) following. (N)

(Issued under Transmittal No. 1103)

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.6 Minimum Period Charges

When Access Service is disconnected 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.

Except as specifically stated in other sections of this tariff, the Minimum Period Charge for monthly billed services will be determined as follows:

- (A) For Switched Access Service, the charge is equal to the applicable minimum monthly charge for the capacity as set forth in 6.8.4 following.
- (B) For Switched Transport and Special Access facilities, the charge for a month or fraction thereof is the applicable monthly rates for the service as set forth in 6.9, 7.5 and 8.2 following, except for DS3 Switched Access Entrance Facility channel terminations and Special Access DS3 High Capacity Service channel terminations, which are calculated using the rate band determined by the last count taken. When service is provided under a DS3 TPP, DS3 High Capacity TPP, Commitment Discount Plan, Service Discount Plan, or National Discount Plan, the discount percentage specified in Section 6.8.22, Section 7.4.13(B), Section 25.1, Section 25.2, or Section 25.3 following, respectively, shall be applied to the applicable monthly rates.
- (C) For Packet Data Services, the charge for a month or fraction thereof is the applicable monthly rates for the service as set forth in 16 following.

The Minimum Period Charge for part-time video (Basic, SCVS and DVTS) is the applicable daily rate for the service as set forth in 7.5 following. (D)

The Minimum Period Charge is in addition to all applicable nonrecurring charges for the service.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.7 Discontinuance of Access Service

Except as set forth in Sections 6.8.22(D), 7.4.15(A), and (D)
7.4.16(C) following, a customer may request disconnect of an
access service, in writing, at any time after the service has
been established. Billing for the service involved will cease
no later than 2 business days following receipt of the
written notice by the Telephone Company or on the customer's
requested date, whichever is later. Minimum Period Charges
are applicable if the Minimum Period, as specified in 5.2.6
preceding, has not been satisfied at the time of disconnect.

5.2.8 Shared Use Facilities

Shared Use (i.e., Switched and Special Access Services
provided over the same analog or digital high capacity
facilities) is allowed. Shared use facilities to a Hub will
be ordered and provided as Special Access Service. While
shared use is allowed, individual services utilizing these
facilities must be ordered either as Switched Access Service
or Special Access Service. When placing the order for the
individual service(s) the customer must specify a channel
assignment for each service ordered. When the Shared Use
facility is associated with a DS3 Premises Multiplexer as set
forth in Section 7.2.9(D)(8) following, the Shared Use
facility must be ordered as Special Access.

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ACCESS SERVICE

6. Switched Access Service6.1 General

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a two-point electrical communications path to a customer's facilities from an end user's premises. It provides for the use of common terminating switching and transport facilities and common subscriber plant of the Telephone Company. Switched Access Service provides for the ability to originate calls from an end user's premises to a customer's facilities, and to terminate calls from a customer's facilities 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 6.1.1 and 6.1.2 following.

Rates and charges for Switched Access Service depend generally on its use by the customer, i.e., for MTS or WATS services, MTS-WATS equivalent services, or other services (e.g., foreign exchange service). Rates and charges for Switched Access Service are set forth in 6.9 following. The application of rates for Switched Access Service is described in 6.8 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 6.2.1(A)(7), 6.2.1(B)(4), 6.2.2(A)(5), 6.2.3(A)(5), 6.2.4(A)(4), 6.8.10 and 6.8.12 following. Finally, a credit is applied against lineside Switched Access Service charges as described in 6.8.11 following. (D)

Pursuant to FCC Report and Order and Order On Further Reconsideration and Supplemental Notice of Proposed Rulemaking, 6 FCC Rcd 4524 (1991), the Telephone Company offers a Lineside Switched Access BSA (Lineside BSA) and a Trunkside Switched Access BSA (Trunkside BSA) and a number of BSEs.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements

Switched Access Service is provided in three unbundled service arrangements of alternative features and optional BSEs called (1) Lineside Switched Access BSA (Lineside BSA) and (2) Trunkside Switched Access BSA (Trunkside BSA) and (3) Dedicated Network Access Link (DNAL) BSA, and in four optional service arrangements of standard and optional features called (1) Feature Group A (FGA), (2) Feature Group B (FGB), (3) Feature Group C (FGC), and (4) Feature Group D (FGD).

The arrangements are differentiated by their technical characteristics, e.g., lineside vs. trunkside connection at the Telephone Company entry switch, and by the manner in which an end user accesses them in originating calling, e.g., with or without an access code. A description of Lineside BSA, Trunkside BSA and DNAL BSA is in 6.3 following. A description of each Feature Group is in 6.2 following.

Switched Access Service is provided in six service categories of standard and optional features.

These are differentiated by their technical characteristics, e.g., lineside vs. trunkside connection at the Telephone Company entry switch, and the manner in which an end user accesses them in originating calling, e.g., with or without an access code. Following is a brief description of the Feature Group arrangements.

(A) Feature Group A (FGA)

FGA Access provides lineside access to Telephone Company end office switches with an associated seven-digit local telephone number for the customer's use in originating and terminating communications (1) to an Interexchange Carrier's interstate service or (2) to the Telephone Company's facilities when used to provide dial tone service from the Telephone Company's end office switch in a state other than the state of the customer's normal serving end office.

When ordering FGA service, the customer must specify the Interexchange Carrier to which the FGA service is physically connected or specify the means by which the FGA access communications is transported interstate. If the customer cannot specify the type of connection used to transport traffic interstate, the lineside service should be obtained as provided under the Telephone Company's local and/or general exchange service tariffs.

A more detailed description of FGA Access is provided in 6.2.1 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements (Cont'd)

(B) Feature Group B (FGB)

FGB Access, which is available to all customers, provides trunkside access to Telephone Company end office switches with an associated uniform 950-0XXX or 950-1XXX access code for the customer's use in originating and terminating communications. A more detailed description of FGB Access is provided in 6.2.2 following.

WATS Access Line Service, for use in the originating and terminating direction, is available with Feature Group B.

(C) Reserved for Future Use

(C)

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(D)

(D) Feature Group D (FGD)

FGD Access, which is available to all customers, provides trunkside access to Telephone Company end office switches with an associated 101XXXX access code for the customer's use in originating and terminating communications. WATS Access Lines are ordered as set forth in 5.2 preceding. As an option, 950 on FGD Access is also available, where technically feasible, with an associated uniform 950-XXXX access code for the customer's use in originating traffic. Calls in the terminating direction will not be completed to 950-XXXX access codes. When used with the 950 dialing option, FGD is only available with SS7 signaling. A more detailed description of FGD Access is provided in 6.2.4 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements (Cont'd)(D) Feature Group D (Cont'd)

Switched 56 Kilobit Service, as described in Section 6.2.4(A)(7) following is an optional service available for use with Feature Group D. Switched 56 Kilobit Service is ordered as set forth in 5.2 preceding.

(D)

(D)

(E) WATS Access Line Service

WATS Access Line Service is a type of special Access Service that is provided only for use with Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and Feature Groups A, B, and D Switched Access Services. WATS Access Line Service connects an end user premises with a WATS serving office. This service is described in 7.2.3.1 following.

(F) Manner of Provision

Switched Access is furnished on a per-line or per-trunk basis respectively.

Trunks are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement. Differentiation of traffic is necessary for the Telephone Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the customer.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements (Cont'd)(F) Manner of Provision (Cont'd)

There are three major traffic types. These are: Originating, Terminating and Directory Assistance. Originating traffic type represents access capacity within a LATA for carrying traffic from the end user to the customer; Terminating traffic type represents access capacity within a LATA for carrying traffic from the customer to the end user; and, Directory Assistance traffic type represents access capacity within a LATA for carrying Directory Assistance traffic from the customer to a Directory Assistance location. When ordering capacity for Trunkside BSA - 950 Option, Trunkside BSA- 101XXXX Option, FGB Access, or FGD Access, the customer must at a minimum specify such access capacity in terms of originating traffic type and/or terminating traffic type. All Feature Group B, Feature Group D, and Trunkside BSA traffic must be associated with a customer-provided Carrier Identification Code ("CIC" code). Directory Assistance traffic type is used for ordering Directory Assistance Access Service as set forth in 9. following.

Because some customers will wish, or may be required, to further segregate their originating Trunkside BSA-101XXXX Option or FGD traffic into separate trunk groups, Originating traffic type is further categorized into Domestic, 500 Access Service, Toll Free* Data Base Access Service, 900, Operator, IDDD, Switched 56 (S56) Kilobit Service, and Telecommunication Relay Service. (D)
Domestic traffic type represents access capacity for carrying only domestic traffic other than 500 Access Service, Toll Free Data Base Access Service, 900 and Operator traffic; IDDD traffic type represents access capacity for carrying only international traffic; 500 Access Service, Toll Free Data Base Access Service, 900 and Operator traffic type represents access capacity for carrying, respectively, only 500 Access Service, Toll Free Data Base Access Service, 900 or Operator traffic; and Switched 56 (S56) Kilobit Service, Operator Transfer, and Telecommunication Relay Service traffic types represents access capacity for carrying, respectively, only Software Network traffic, Switched 56 (S56) Kilobit Service, and Telecommunication Relay Service. (D)

* "Toll Free" service includes any access service which utilizes the following NPA's: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Arrangements (Cont'd)

(F) Manner of Provision (Cont'd)

When ordering such types of access capacity, the customer must specify Domestic, 500, Toll Free, 900, Operator IDDD, Switched 56 (S56) Kilobit Service, or Telecommunication Relay Service traffic type. Switched 56 (S56) Kilobit Service traffic must be carried over a separate trunk group and cannot be combined with other traffic types. (D)
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(D)

An out of band signaling connection as described in following is required in conjunction with Trunkside BSA-101XXXX Option and Feature Group D equipped with out of band signaling and/or Billing Validation Service. An out of band signaling connection provides the interconnection between the Telephone Company's STP pair and the customer's SPOI(s).

When ordering out of band signaling with Trunkside BSA- 101XXXX Option and Feature Group D the customer shall specify that all traffic is to be equipped with out of band signaling.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories

The following rate categories apply to Switched Access Service:

- Switched Transport (described in 6.1.2(A) following)
- End Office (described in 6.1.2(B) following)
- Common Line (described in Sections 3. and 4. preceding)
- Toll Free Data Base Access Service (described in 6.4.3(C) following)

In addition to the rate categories there is an Information Surcharge that applies to Lineside BSA, Trunkside BSAs and all Switched Access Feature Groups. The description and application of these charges are set forth in 6.1.2(B)(3) following. (D)

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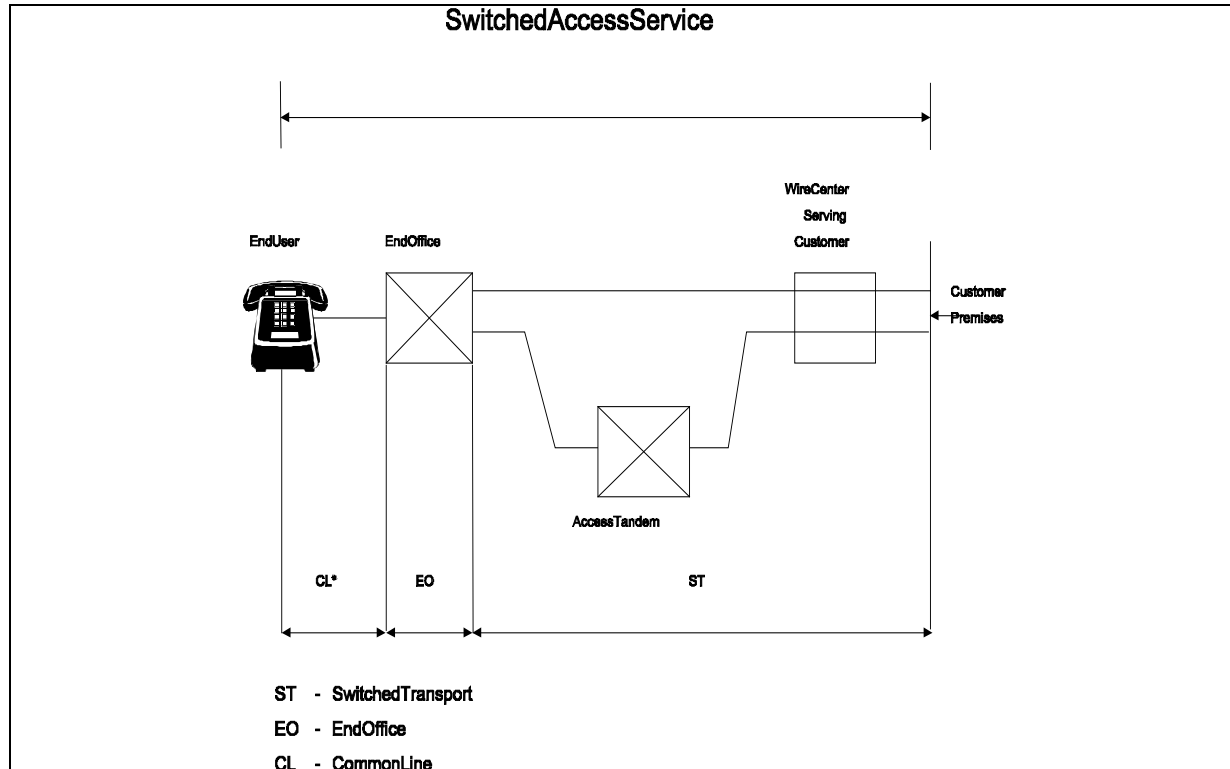
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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 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.



* Common Line access is provided under Sections 3. and 4. preceding.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport

Switched Transport provides the transmission facilities between the customer's facilities and the end office switch(es) where the customer's traffic is switched to originate or terminate customer's communications. For purposes of determining Switched Transport mileage, distance will be measured from the wire center that normally serves the customer's facilities to the end office switch for Direct Trunked Transport or from the end office to an access tandem for Tandem Switched Transport. Mileage measurement rules are set forth in 6.8.13 following.

Switched Transport is a two-way voice frequency transmission path comprised of Switched Entrance facilities, Direct Trunked Transport facilities, Tandem Switched Transport facilities and/or Host/Remote facilities which permit the transport of calls in the originating direction (from the end user switch to the customer's facilities) and in the terminating direction (from the customer's facilities 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.

The Telephone Company will work cooperatively with the customer in determining (1) the Entrance Facility, (2) whether the service is to be directly routed to an end office switch or through an access tandem switch via Tandem Switched facilities, and (3) the directionality of the service. When the customer has ordered Trunkside BSA-101XXXX Option or FGD with the Switched 56 Kilobit Service, the Telephone Company will provide facilities that are capable of supporting transmission of digital data at a speed of 56 Kbps.

When the customer has ordered Trunkside BSA-101XXXX Option or FGD to carry traffic originated from a TRS Center, the Telephone Company will provide facilities between the TRS Center and the access tandem. The Telephone Company will ensure sufficient capacity exists between the TRS and the access tandem to handle all TRS originated traffic. Switched transport charges for TRS traffic will be applied as specified in 6.9.1, 6.8.1(D), and 6.8.13(J) following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

Switched Transport is ordered under the access order provisions as set forth in Section 5 preceding. Design and traffic routing of Switched Transport Service is described in Section 6.6.2 following.

(T)

Switched Transport is comprised of an Entrance Facility rate category, as described in (1) following, a Direct Trunked Transport rate category, as described in (2) following, a Tandem Switched Transport rate category, as described in (3) following, and an Interconnection charge as described in (5) following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(1) Entrance Facility Rate Category

An Entrance Facility provides the communication path between a customer's premises and the Telephone Company SWC of that premises for the sole use of the customer. The Entrance Facility category is comprised of a Voice Grade rate, a DS1 rate, a DS3 rate, IDSR, ISAN, ISSP, or an IntelliLight Entrance Facilities (IEF) rate, plus IEF Interface when appropriate. An Entrance Facility is required whether the customer's premises and the SWC are located in the same or different buildings. The types of facilities available for Entrance Facilities are described in 6.2.5 following.

(2) Direct Trunked Transport Rate Category

Direct Trunked Transport provides the transmission path from the SWC of the customer's premises to an end office or from the SWC to a tandem or in the case of voice grade service used for FGA/Lineside BSA, from the SWC to the Dial Tone Office (DTO). This transmission path is dedicated to the use of a single customer.

The Direct Trunked Transport rate category is comprised of a monthly fixed rate and a monthly per mile rate based on the facility provided (i.e., Voice Grade, DS1, DS3, ISSP, IDSR, or ISAN). IDSR is comprised of Nodes, Fiber Mileage (per mile between nodes), and Ports. ISAN is comprised of a fixed charge by Mileage Band. The fixed rate provides the circuit equipment at the ends of the transmission links. The per mile rate provides the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. The Direct Trunked Transport rate is the sum of the fixed rate and the per mile rate. For purposes of determining the per mile rate, mileage shall be measured as airline mileage between the SWC of the customer's premises and the end office or directly to the access tandem using the V&H coordinates method. The types of facilities available for Direct Trunked Transport are described in 6.2.5 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(3) Tandem Switched Transport Rate Category

Tandem Switched Transport provides the transmission facilities from the end office to the tandem utilizing tandem switching functions. Tandem Switched Transport consists of circuits used in common by multiple customers from the access tandem to an end office.

The Tandem Switched Transport rate category is comprised of a Tandem Transport fixed MOU rate, Tandem Transport Per Mile/Per MOU rate, and a Tandem Switching MOU rate. The fixed rate provides the circuit equipment at the end of the interoffice transmission links. The per mile rate provides the transmission facilities, including intermediate transmission circuit equipment between the end points of the interoffice circuit. For purposes of determining the per mile rate, mileage shall be measured as airline mileage between the end office and the tandem using the V&H coordinates method. The Tandem Switching rate provides for tandem switching facilities. The Tandem Switched Transport rate is the sum of the fixed rate, the per mile rate, and the Tandem Switching MOU rate.

The Tandem Switched Transport fixed rate and the Tandem Transmission per mile/per MOU rate also apply to FGA with a Voice Grade Facility. The miles are measured from the DTO to the End Office.

The Dedicated Tandem Trunk Port is a monthly per port rate that provides a port for each dedicated trunk terminating on the serving wire center side of the access tandem.

The Transport Multiplexing rate provides for the use of common DS3 to DS1 multiplexers in the end office side of the access tandem for traffic that is switched at an access tandem and/or Feature Group A traffic.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(4) Host/Remote Rate Category

Host/Remote Transmission is composed of a fixed MOU rate and per mile/per MOU rate. The fixed rate provides for the circuit equipment at the end of the interoffice transmission. The per mile rate provides the transmission facilities between the end points of the interoffice circuit between the host and the remote. For purposes of determining the per mile rate, mileage will be measured as airline mileage using the V&H coordinates method. Mileage measurement rules are set forth in 6.8.13 following.

(5) Interconnection Charge

The Switched Transport Interconnection Charge charge is applied to all access minutes based on the directionality of the traffic carried over the Switched Access Service and whether or not it is provided under a collocated Interconnection Agreement.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(6) Interface Groups

Ten Interface Groups are provided for terminating the Switched Transport at the customer's facilities. Each Interface Group provides a specified interface at customer's facilities (e.g., two-wire, four-wire, DS1, etc.). Where Telephone Company transmission facilities permit, the individual transmission path between the customer's facilities and the first point of switching may at the option of the customer be provided with optional features as set forth in 6.1.2(A)(7) and (8) following.

As a result of the customer's access order and the type of Telephone Company transport facilities serving the customer's facilities, 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's facilities. For example, if a voice frequency interface is ordered by the customer and the Telephone Company facilities serving the customer's facilities are digital, then Telephone Company channel bank equipment must be placed at the customer's facilities in order to provide the voice frequency interface ordered by the customer.

Interface Group 1 is provided with Type C Transmission Specifications, and Interface Groups 2 through 10 are provided with Type A or B Transmission Specifications, 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's facilities. The premises interfaces associated with the Interface Groups may vary among Switched Access Arrangements. The various premises interfaces which are available with the Interface Groups, and the Switched Access Arrangements with which they may be used, are set forth in 6.1.2(A)(6)(k) following. Compatibility and interface requirements for Trunkside BSA-101XXXX Option and FGD equipped with Switched 56 Kilobit Service capability are described in Technical Reference GR-334-CORE, Issue 1.

(C)(x)
(C)(x)

(x) GR-334-CORE, Issue 1, replaces TR-NPL-000334 in its entirety.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(6) Interface Groups (Cont'd)(a) Interface Group 1 (USOC TPP1X)

Interface Group 1, except as set forth in the following, provides two-wire voice frequency transmission at the point of termination at the customer's 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 Trunkside BSA-101XXXX Option (D)
and FGD when the first point of switching is an access tandem. In addition, Interface Group 1 (D)
is not provided in association with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, (D)
FGB, or FGD when the first point of switching provides only four-wire terminations. (D)

The transmission path between the point of termination at the customer's premises and the first point of switching 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 Lineside BSA or FGA, such signaling will be loop start or ground start signaling. When the interface is associated with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, (D)
FGB, or FGD, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling. (D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(6) Interface Groups (Cont'd)(b) Interface Group 2 (USOC TPP2X)

Interface Group 2 provides four-wire voice frequency transmission at the point of termination at the customer's 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's premises and the first point of switching 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.

The interface is provided with loop supervisory signaling. When the interface is associated with Lineside BSA or FGA, such signaling will be loop start or ground start signaling. When the interface is associated with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, (D)
FGB, or FGD, such signaling, except for two-way (D)
calling which is E&M signaling, will be reverse battery signaling.

(c) Interface Group 3 (USOC TPP3X)

Interface Group 3 provides group level analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 60 to 108 kHz, with the capability to channelize up to 12 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group 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 12 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(6) Interface Groups (Cont'd)(c) Interface Group 3 (USOC TPP3X) (Cont'd)

The interface is provided with individual transmission path SF supervisory signaling.

(d) Interface Group 4 (USOC TPP4X)

Interface Group 4 provides supergroup level analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 312 to 552 kHz, with the capability to channelize up to 60 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group 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 and channel bank equipment to derive 60 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with individual transmission path SF supervisory signaling.

(e) Interface Group 5 (USOC TPP5X)

Interface Group 5 provides mastergroup level analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 564 to 3084 kHz, with the capability to channelize up to 600 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group 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 and channel bank equipment to derive 600 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with individual transmission path SF supervisory signaling.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(6) Interface Groups (Cont'd)(f) Interface Group 6 (USOC TPP6X)

Interface Group 6 provides DS1 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 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 24 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, at the first point of switching, a DS1 signal in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

(g) Interface Group 7 (USOC TPP7X)

Interface Group 7 provides DS1C level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 3.152 Mbps, with the capability to channelize up to 48 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 up to 48 voice frequency 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, at the first point of switching, DS1 signals in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(6) Interface Groups (Cont'd)(h) Interface Group 8 (USOC TPP8X)

Interface Group 8 provides DS2 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 6.312 Mbps, with the capability to channelize up to 96 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 in its office to derive up to 96 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, at the first point of switching, DS1 signals in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

(i) Interface Group 9 (USOC TPP9X)

Interface Group 9 provides DS3 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 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 up to 672 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, at the first point of switching, DS1 signals in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(6) Interface Groups (Cont'd)(j) Interface Group 10 (USOC TPPAX)

Interface Group 10 provides DS4 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 274.176 Mbps, with the capability to channelize up to 4032 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 up to 4032 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, at the first point of switching, DS1 signals in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(6) Interface Groups (Cont'd)(k) Available Premises Interface Codes

Following is a matrix showing, for each Interface Group, which premises interface codes are available as a function of the Telephone Company switch supervisory signaling and Feature Group. For explanations of these codes, see the glossary of Channel Interface Codes in 7.3.1 following.

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Switched Access Service			(D)
			1	2	4	
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	(D)
	RV, EA, EB, EC	4EA3-E		X	X	
	RV, EA, EB, EC	4EA3-M		X	X	
	RV, EA, EB, EC	6EB3-E		X	X	
	RV, EA, EB, EC	6EB3-M		X	X	
	EA, EB, EC	6EC3			X	
	RV	2RV3-O		X	X	
	RV	2RV3-T		X	X	(D)
	Out of Band Signaling	2N02			X	

(1) Lineside BSA or FGA.

(2) Trunkside BSA - 950 Option or FGB.

(4) Trunkside BSA-101XXXX Option or FGD.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(6) Interface Groups (Cont'd)(k) Available Premises Interface Codes (Cont'd)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Switched Access Service			(D)
			1	2	4	
2	LO, GO	4SF2	X			
	LO, GO	4SF3	X			
	LO	4LS2	X			
	LO	4LS3	X			
	LO	6LS2	X			
	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	(D)
	RV, EA, EB, EC	4SF3		X		
	RV, EA, EB, EC	4DX2		X	X	(D)
	RV, EA, EB, EC	4DX3		X		
	RV, EA, EB, EC	6DX2				(D)
	RV, EA, EB, EC	6EA2-E		X	X	
	RV, EA, EB, EC	6EA2-M		X	X	
	RV, EA, EB, EC	8EB2-E		X	X	
	RV, EA, EB, EC	8EB2-M		X	X	
	EA, EB, EC	8EC2-M			X	
	RV	4RV2-O		X	X	
	RV	4RV2-T		X	X	
	RV	4RV3-O		X		
	RV	4RV3-T		X		(D)
	Out of Band Signaling	4N02			X	
3	LO, GO	4AH5-B	X			
	RV, EA, EB, EC	4AH5-B		X	X	(D)
	Out of Band Signaling	4AH5-B			X	
4	LO, GO	4AH6-C	X			
	RV, EA, EB, EC	4AH6-C		X	X	(D)
	Out of Band Signaling	4AH6-C			X	

(1) Lineside BSA or FGA.

(2) Trunkside BSA - 950 Option or FGB.

(4) Trunkside BSA-101XXXX Option or FGD.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(6) Interface Groups (Cont'd)(k) Available Premises Interface Codes (Cont'd)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Switched Access Service			(D)
			1	2	4	
5	LO, GO	4AH6-D	X			
	RV, EA, EB, EC	4AH6-D		X	X	(D)
	Out of Band Signaling	4AH6-D			X	
6	LO, GO	4DS9-15	X			
	RV, EA, EB, EC	4DS9-15		X	X	(D)
	Out of Band Signaling	4DS9-15			X	
	64CCC	4DS9-15S 4DS9-1S			X X	
7	LO, GO	4DS9-31	X			
	LO, GO	4DS9-31L	X			
	RV, EA, EB, EC	4DS9-31		X	X	(D)
	RV, EA, EB, EC	4DS9-31L		X	X	(D)
	Out of Band Signaling	4DS9-31			X	
8	LO, GO	4DS0-63	X			
	LO, GO	4DS0-63L	X			
	RV, EA, EB, EC	4DS0-63		X	X	(D)
	RV, EA, EB, EC	4DS0-63L		X	X	(D)
	Out of Band Signaling	4DS0-63			X	
9	LO, GO	4DS6-44	X			
	LO, GO	4DS6-44L	X			
	RV, EA, EB, EC	4DS6-44		X	X	(D)
	RV, EA, EB, EC	4DS6-44L		X	X	(D)
	Out of Band Signaling	4DS6-44			X	
	64CCC	4DS6-44			X	
10	LO, GO	4DS6-27	X			
	LO, GO	4DS6-27L	X			
	RV, EA, EB, EC	4DS6-27		X	X	(D)
	RV, EA, EB, EC	4DS6-27L		X	X	(D)
	Out of Band Signaling	4DS6-27			X	

(1) Lineside BSA or FGA.

(2) Trunkside BSA - 950 Option or FGB.

(4) Trunkside BSA-101XXXX Option or FGD.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(6) Interface Groups (Cont'd)(1) Out of Band Signaling Connection (USOC TPPSX)Premises Interface Codes

Common Channel Signaling Access Service is provided with Trunkside BSA-101XXXX Option and Feature Group D equipped with out of band signaling and/or Billing Validation Service. The associated out of band signaling connections are provided using Interface Groups 6 through 10. Following is a matrix for Interface Groups 6 through 10 showing which premises interface codes are available for signaling connections as a function of the out of band signaling level of digital transmission. These codes also apply for Collocated Interconnected arrangements.

<u>Interface Groups</u>	<u>Level of Transmission</u>	<u>Premises Interface Codes</u>
6	DS1	4DS9-15
7	DS1C	4DS9-31
8	DS2	4DS0-63
9	DS3	4DS6-44
10	DS4	4DS6-27

(7) Nonchargeable Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following nonchargeable optional features in association with Switched Transport.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(7) Nonchargeable Optional Features (Cont'd)(a) Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability, the customer may order an optional supervisory signaling arrangement for each transmission path provided as follows:

- For Interface Groups 1 and 2

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

SF Supervisory Signaling, or
Tandem Supervisory Signaling

- 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 central office. Generally such signaling is available only where the entry switch provides an analog, i.e., non-digital, interface to the transport termination.

These optional supervisory signaling arrangements are not available in combination with Trunkside BSA-101XXXX Option or FGD with out of band signaling.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(7) Nonchargeable Optional Features (Cont'd)(b) Customer Specified Entry Switch Receive Level

This feature 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, Issue 1. This feature is available with Interface Groups 2 through 10 for Lineside BSA, and Trunkside BSA - 950 Option and Feature Groups A and B. (C)(x)

(c) Customer Specification of Switched Transport Termination

This option allows the customer to specify, for Trunkside BSA - 950 Option or Feature Group B routed directly to an end office or access tandem, a four-wire termination of the Switched Transport at the entry switch in lieu of a Telephone Company selected two-wire termination. This option is available only when the Trunkside BSA - 950 Option or Feature Group B arrangement is provided with Type B Transmission Specifications.

(d) Switched Transport Re-Route Option

Customers may, at no charge and at their option, subject to the following criteria, convert existing tandem routed trunks to end office direct routed trunks.

Conversions from tandem routing to end office direct routing will be performed at no charge if the order is placed by December 31, 1998.

- (1) The number of trunks connected cannot exceed the number of trunks disconnected except as provided below, i.e., a one-for-one substitution of end office trunks for tandem trunks. In cases where the customer requests the installation of additional trunks greater than the number disconnected, the customer must provide usage data, and an engineering table capacity evaluation, justifying the requirement for additional trunks.

(x) GR-334-CORE, Issue 1, replaces TR-NPL-000334 in its entirety.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(7) Nonchargeable Optional Features (Cont'd)(d) Switched Transport Re-Route Option (Cont'd)

- (2) The customer's order for the Switched Transport Re-route option will be scheduled on a project basis by the Telephone Company in cooperation with the customer.
- (3) Additional trunks installed beyond those specified or provided for in (1) preceding, will be subject to full nonrecurring installation charges.
- (4) The technical specifications of the tandem trunk, e.g., interface type, must be retained when the trunk is connected at the end office or tandem, unless otherwise mutually agreed upon by the Telephone Company and the customer when appropriate Telephone Company central office switching equipment and other facilities exist.
- (5) This option may not be scheduled at the same time as an upgrade to Trunkside BSA-101XXXX Option or FGD with out of band signaling unless otherwise mutually agreed upon by the Telephone Company and the customer when appropriate Telephone Company central office switching equipment and other facilities exists. If requests for the Switched Transport Re-Route Option are to be combined with a conversion to out of band signaling at the same time, the Telephone Company may treat such requests as two separate projects and charges will be waived subject to the above and as specified in section 6.1.2(A)(7)(e)(5) (T) following.
- (6) The same customer facilities must be maintained on the connect order for the end office or tandem routed trunks, unless mutually agreed upon by the Telephone Company and the customer when appropriate Telephone Company central office switching equipment and other facilities exists.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(7) Nonchargeable Optional Features (Cont'd)(d) Switched Transport Re-Route Option (Cont'd)

- (7) In connection with a request for Switched Transport Re-Route Option and subject to availability of Telephone Company central office switching equipment and facilities, Trunkside BSA - 950 Option or FGB trunks may be upgraded to Trunkside BSA-101XXXX Option or FGD trunks provided the customer requests MF signaling on the Trunkside BSA-101XXXX Option or FGD order, and complies with the specifications as set forth in 6.1.2(A)(2)(d) preceding. Conversion from tandem or end office routed Trunkside BSA -950 Option or FGB trunks to end office or tandem routed Trunkside BSA-101XXXX Option or FGD trunks with MF signaling will be scheduled on a project basis by the Telephone Company, in cooperation with the customer.
- (8) The orders for the disconnect and connection of trunks shall be placed with the Telephone Company at the same time. The Telephone Company will disconnect the tandem or end office routed trunks at the same time as the connection of the end office or tandem routed trunks, unless otherwise negotiated, but in no case to exceed 90 days after the connection of the end office or tandem routed trunks.
- (9) Subject to the conditions above and the availability of Telephone Company central office switching equipment and facilities, the customer may change one-way trunks to two-way trunks provided two-way is specified on the connect order for the end office or tandem routed trunks.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(7) Nonchargeable Optional Features (Cont'd)(e) Out of Band Signaling

- (1) This ordering option allows the customer to exchange signaling for Trunkside BSA- 101XXXX Option and Feature Group D call set-up over a communications path which is separate from the message path. This option is provided with SS7 protocol and is only available with Trunkside BSA-101XXXX Option and Feature Group D. This option requires the establishment of a Common Channel Signaling Access Service between the customer's SPOI and the Telephone Company's STP as specified in 6.4.3(A) following.

- (2) Out of band signaling is provided in both the originating and terminating direction on Trunkside BSA-101XXXX Option and FGD service.

Each signaling connection is provisioned for two-way transmission of out of band signaling information.

- (3) Customers ordering out of band signaling are subject to the requirements specified in 2.3.9 and 2.3.10(A) preceding.

(T)

- (4) Out of band signaling is subject to the rates and charges as specified in 6.8.1(C)(2), 6.9.1(E), and 6.9.1(G) following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(7) Nonchargeable Optional Features (Cont'd)(e) Out of Band Signaling (Cont'd)

(5) Conversion from MF signaling to SS7 signaling or from SS7 signaling to 64 Clear Channel Capability (64CCC) is not subject to charges as specified in section 6.8.1(C)(2) following. These conversions will be performed at Telephone Company access tandems and end offices designated as having SS7 or 64CCC. The number of trunks converted to SS7 signaling cannot exceed the number of trunks with MF signaling that are converted, and the number of trunks converted to 64CCC cannot exceed the number of trunks with MF or SS7 signaling that are converted. The customer must retain the same technical interface specifications unless otherwise mutually agreed upon by the Telephone Company and the customer, when appropriate Telephone Company central office switching equipment and other facilities exists. Conversion of tandem or end office trunks from MF signaling to SS7 signaling or from SS7 signaling to 64CCC will be scheduled on a project basis by the Telephone Company, in cooperation with the customer.

(6) At the customer's request, the Telephone Company will modify Trunkside BSA-101XXXX Option and FGD with out of band signaling to accept SS7 signaling messages and protocol contained in Technical Reference GR-905-CORE, Issue 11, pursuant to successful completion of testing specified in section 6.4.3(A), following.

(C)(x)
(C)(x)

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000962, Issue 1, in its entirety.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(7) Nonchargeable Optional Features (Cont'd)(e) Out of Band Signaling (Cont'd)

(7) 64 Clear Channel Capability (64CCC) will be provided in connection with Trunkside BSA-101XXXX Option and FGD with out of band signaling digital trunk facilities provisioned at Interface Group 6 or 9, where appropriate Telephone Company equipment and other facilities exist.

(8) 64CCC is provided through the use of Bipolar with Eight-Zeros Substitution line code which must be provided in both directions of transmission. 64CCC will be provisioned on T1 facilities whose digital transmission signaling is framed in the Extended Superframe Format. The same framing format must be used in both directions of transmission. Technical Reference GR-334-CORE, Issue 1, provides the technical specifications for 64CCC. (C)(x)

(9) 64CCC requires the establishment of CCSAS as specified in section 6.4.3(A) following. The CCS/SS7 protocol requirements for 64CCC are specified in Technical Reference GR-905-CORE, Issue 11. When 64CCC is ordered, the Telephone Company will schedule additional network compatibility and other operational tests as specified in section 6.4.3(A) following. (C)(x)

(8) Chargeable Optional Features(a) Toll Free Data Base Access Service(1) Toll Free Basic Query Charge

The basic query charge is assessed the customer based on the query of the Toll Free number delivered to the customer. The query is completed when the appropriate call routing information is returned, as described in 6.4.3(C) following. The query charge is assessed for all completed queries whether or not the actual Toll Free call is delivered to the customer.

(x) GR-334-CORE, Issue 1, replaces TR-NWT-000938, Issue 1, in its entirety.
GR-905-CORE, Issue 11, replaces TR-TSV-000962, Issue 1, in its entirety.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(8) Chargeable Optional Features(a) Toll Free Data Base Access Service (Cont'd)(2) Toll Free Vertical Feature Package Charge

The vertical feature package charge is assessed the customer when, in addition to the basic query, a Toll Free Data Base query contains one, all, or any combination of the vertical features as described in 6.4.3(C) following.

(3) 500 Query Charge

The query charge is assessed the customer based on the query of the 500+NXN number dialed and/or delivered to the customer in conjunction with 500 Access Service. 500+NXN calls delivered to the customer are routed based on information derived via queries to the 500 Data Base. In cases where certain end offices are not equipped with 500 NXN query functionality, certain 0+500 dialed calls are delivered to the customer from a Telephone Company Operator Switch.

(b) Multiplexing

Multiplexing provides the capability of converting the capacity or bandwidth of a facility from a higher level to a lower level or from a lower level to a higher level. Multiplexing arrangements available for Entrance Facilities and Direct Trunked Transport facilities are described in (1) through (3) following. Rates and charges are set forth in Section 6.9 following.

(T)

(C)

When the customer requests Tandem Switched Transport and Direct Trunked Transport to connect to the same Entrance Facility, multiplexing is required at the SWC and must be ordered by the customer as a chargeable optional feature of the Entrance Facility as set forth in (1) and/or (2) following.

(T)

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(8) Chargeable Optional Features (Cont'd)(b) Multiplexing (Cont'd)

Chargeable multiplexing arrangements ordered with an Entrance Facility at a SWC, with a Direct Trunked Transport facility at an end office, or with a DS3 Premises Multiplexer* at a customer premises, are associated with the facility with the higher capacity or bandwidth (e.g., a DS1 to Voice Grade multiplexing arrangement is associated with the facility using a DS1 connection). (C)

(1) DS1 to Voice Grade

An arrangement that converts a DS1 channel to twenty-four Voice Grade channels utilizing time division multiplexing. For example, the customer has the option of ordering a DS1 to Voice Grade multiplexing for the Entrance Facility at the SWC when Voice Grade Direct-Trunked Transport is requested to an end office. A DS1 to Voice Grade multiplexing is required at the end office when the customer orders Lineside Access which is transported via a DS1 Direct-Trunked Transport facility. (N)

(2) DS3 to DS1

An arrangement which converts a DS3 channel to twenty-eight DS1 channels utilizing time division multiplexing. The twenty-eight channels may be further multiplexed utilizing DS1 to Voice Grade multiplexers. DS3 to DS1 multiplexing is available as a chargeable optional feature for Entrance Facilities and Direct Trunked Transport facilities. DS3 to DS1 multiplexing is always required at the SWC of the customer's premises when a DS3 Entrance Facility is to connect to a lower level of capacity. (N)

Note: Applicable only to the Switched Access portion of a Shared Use Special Access DS3 facility utilizing a DS3 Premises Multiplexer as described in Section 5.2.8 preceding and Section 7.2.9(D)(8) following. (N)

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(8) Chargeable Optional Features (Cont'd)(b) Multiplexing (Cont'd)(3) DS3 Premises Multiplexer (see Note) (N)

An arrangement located at a customer designated premises which converts a Special Access DS3 High Capacity channel to twenty-eight DS1 channels utilizing time division multiplexing. The DS3 Premises Multiplexer is described in Section 7.2.9(D)(8) following.

(N)

(N)

Note: Applicable only to the Switched Access portion of a Shared Use Special Access DS3 facility utilizing a DS3 Premises Multiplexer as described in Section 5.2.8 preceding and Section 7.2.9(D)(8) following.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(8) Chargeable Optional Features (Cont'd)(c) Alternate Serving Wire Center (Cont'd)

(1) Alternate Serving Wire Center (ASWC) is an optional feature which provides a transmission path for a High Capacity Service between the customer's designated premises and a serving wire center separate from the normal serving wire center.

(2) The Telephone Company will designate the serving wire center to be used as the alternate. The ASWC feature is available where contiguous wire centers with adjacent fiber feeder routes exist. Where facilities are not available, Special Construction rates and regulations may apply as set forth in the appropriate Special Construction tariff. Where service is available, provisioning is based on a Negotiated Interval as described in 5.2.1(B) preceding.

(3) The rate for Alternate Serving Wire Center, as specified in 6.9.1(E) following, applies per point of termination and is in addition to the entrance facility, IEF Termination, IEF Interface when applicable, and Channel Mileage Rates and Charges for each High Capacity or IEF service provided over the alternate path. Channel mileage for the alternately routed service is based on mileage measured from or to the alternate serving wire center. Section 6 contains rate regulations specific to Shared Network Arrangements.

(d) Special Facilities Routing

A customer may request that the facilities used to provide Switched Transport Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Diversity) are set forth in section 11 following.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(8) Chargeable Optional Features (Cont'd)(e) Diversity

Diversity denotes that a service must be provided over not more than two different physical routes. The rates for Diversity as specified in 6.9.1(F) following, applies per entrance facility, and is in addition to the entrance facility and channel mileage rates and charges for each high capacity service.

(f) Shared Network Arrangement

(1) A Shared Network Arrangement is a service offering that enables a customer (the "Service User") to connect subtending services to the multiplexed High Capacity service or IntelliMuxsm service of another customer (the "Host Subscriber"), with the Telephone Company maintaining separate records and billing for each. Each customer will be billed for those rate elements associated with his own portion of the service configuration. Under no circumstances will the rates or charges for individual rate elements be split. This offering is limited to service configurations where a Service User obtains either subtending Voice Grade or Data Digital circuits from a Host's multiplexed DS1 service, or DS1 circuits from a Host's multiplexed DS3 service.

(2) Under the Shared Network Arrangement, the telephone company may share with the host subscriber record information pertaining to the services of other users of the shared network. Such disclosure will be under the sole discretion of the telephone company as is necessary to perform billing reconciliations and/or other functions required in connection with maintaining account records.

(3) Section 6.8.20 contains rate regulations specific to Shared Network Arrangements

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) End Office

The End Office rate category provides 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 (i.e., Directory Assistance) rate elements. Directory Assistance Service and the applicable rates for it are set forth in Section 9 following.

(1) Local Switching

The Local Switching rate element provides for the use of end office switching equipment, terminations for the end user lines terminating in the local end office, and for the termination of calls at a Telephone Company Intercept operator or recording.

There are two categories, or rate levels, associated with Local Switching. The first category, LS1, provides the functions described preceding for Lineside BSA, Trunkside BSA - 950 Option and Feature Groups A and B, except when Trunkside BSA-950 Option or FGB is subscribed to by a provider of MTS and WATS. (D)

The second category, LS2, provides the functions described preceding for Trunkside BSA-101XXXX Option and Feature Group D, and for Trunkside BSA-950 Option or FGB when subscribed to by a provider of MTS and WATS, and Trunkside BSA-101XXXX Option and FGD used to carry originating Telecommunication Relay Service traffic. (D)

LS2 rates apply to dedicated access lines, e.g., WATS Access Line Service, when such lines are terminated in end office switches and are used in conjunction with switched access services, and in conjunction with Trunkside BSA-950 Option or FGB when subscribed to by a provider of MTS and WATS. (D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) End Office (Cont'd)(1) Local Switching (Cont'd)

The Local Switching rates for Lineside BSA, Trunkside BSAs and Feature Groups are applied on a per minute of use basis and are offered in two categories, LS1 and LS2.

- (a) LS1 provides local dial switching functions for Lineside BSA, Trunkside BSA - 950 Option and Feature Groups A and B except for Lineside BSA, Trunkside BSA - 950 Option and Feature Groups A and B used to terminate traffic to a WATS Access Line (WAL) provided from an equal access end office, or when Trunkside BSA-950 Option or FGB is subscribed to by provider of MTS and WATS.
- (b) LS2 provides local dial switching functions for Trunkside BSA- 101XXXX Option and Feature Group D and for Lineside BSA, Trunkside BSA - 950 Option and Feature Groups A and B used to terminate traffic to a WAL provided from an equal access end office, for 500 Access Service, Toll Free Data Base Access Service, and 900 Access Service traffic originating from or terminating to an equal access end office, or in conjunction with Trunkside BSA-950 Option or FGB when subscribed to by a provider of MTS and WATS, and for Trunkside BSA-101XXXX Option and for FGD Service used in conjunction with Telecommunication Relay Service Center traffic. Where end offices are appropriately equipped, international dialing may also be provided as a capability of LS2 local dial switching functions for Trunkside BSA-101XXXX Option and Feature Group D, i.e., the capability of switching international calls with service prefix and address codes having more digits than can be switched through a standard Trunkside BSA-101XXXX Option or Feature Group D end office.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) End Office (Cont'd)(1) Local Switching (Cont'd)

Rates for LS1 - Lineside BSA, Trunkside BSA - 950
Option and Feature Groups A and B, Trunkside (D)
BSA-101XXXX Option and Feature Group D, are set (D)
forth in 6.9.2(A) following. The application of
these rates is as set forth in 6.8.1(D) following.

Local Switching Shared End Office Trunk Port

The Local Switching Shared End Office Trunk Port
minutes-of-use rate provides for the use of the
shared end office trunk ports for termination of
common transport trunk, and/or FGA access minutes at
an end office.

Local Switching Dedicated End Office Trunk Port

The Local Switching Dedicated End Office Trunk Port
monthly rate provides for termination of a dedicated
trunk in the end office port. The rate is assessed
per activated trunk for all trunkside services, per
analog or digital end office.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) End Office (Cont'd)(1) Local Switching (Cont'd)(c) End Office Switching Equipment

Where end offices are appropriately equipped, international dialing may be provided as a capability associated with LS2. 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 Trunkside BSA-101XXXX Option or FGD equipped end office. (D)

There are two types of switching functions performed in the end office, i.e., Common Switching functions and Transport Termination functions. These are described following:

- Common Switching

Common Switching provides the local end office switching functions associated with the various access (i.e., Feature Group Services, Lineside and Trunkside BSAs) switching arrangements. The Common Switching arrangements provided for the various Switched Access arrangements are described in 6.2 following.

Included as part of the 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 6.4.1 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) End Office (Cont'd)(1) Local Switching (Cont'd)(c) End Office Switching Equipment (Cont'd)- Transport Termination

Transport Termination provides for the line or trunk side arrangements which terminate the Switched Transport facilities. Included as part of Transport Termination are various nonchargeable optional termination arrangements. These optional terminating arrangements are described in 6.4.2 following.

The number of transport terminations provided will be determined by the Telephone Company as set forth in 6.6.6 following.

(d) Line Termination

The Line Termination function provides the terminations for the end user lines terminating in the local end office. There are two types of Line Terminations, i.e., Common Line Terminations and WATS Access Line Terminations.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) End Office (Cont'd)(1) Local Switching (Cont'd)(d) Line Termination (Cont'd)

The WATS Access Line Service, Line Terminations are differentiated by line side vs. trunk side terminations. The standard WATS Access Line Service arrangement is available with a line side termination. There are various types of originating and terminating line side terminations depending on the type of signaling associated with the WATS Access Line (i.e., loop start or ground start). In addition, there are also two types of originating and terminating WATS Access Line trunk side terminations that are available in lieu of standard line side terminations. Trunk side terminations are provided only in association with certain Line Termination optional features as specified following:

- Dialed Number Identification Service (DNIS)

The Dialed Number Identification Service optional feature, which is available with terminating only WATS Access Lines, permits a customer's end user with multiple Toll Free Data Base Access Service telephone numbers in the same service group to identify the specific telephone number which was dialed by the calling party. Identification is accomplished by outpulsing four digits which distinguish the dialed Toll Free Data Base Access Service number to customer premises equipment at the end user's premises. The digits are outpulsed to the end user premises over the WATS Access Connection. All WATS Access Line Connections in the same service group must be equipped for DNIS. The number of dialable Toll Free Data Base Access Service telephone numbers accessing a service group equipped for DNIS cannot exceed the number of WATS Access

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) End Office (Cont'd)(1) Local Switching (Cont'd)(d) Line Termination (Cont'd)- Dialed Number Identification Service
(DNIS)(Cont'd)

Lines in the service group. DNIS is provided with reverse battery type supervisory signaling and requires battery type supervisory signaling and requires the use of trunk side terminations in lieu of standard line side terminations.

DNIS is a non chargeable optional feature.

- WATS Answer Supervision

WATS originating only Access Connections may, at the option of the customer be ordered with WATS Answer Supervision. When the terminating end answers, provided the Interexchange Carrier passes Answer Supervision to the Exchange Carrier, Answer Supervision will provide a signal to the originating end user that the distant end has answered. The exact timing of Answer Supervision is dependent upon the Interexchange Carrier. Answer Supervision is available with both two and four wire WATS Access Lines and is arranged for Wink reverse battery supervision on MF signaling. Answer Supervision is subject to the rates in 6.9.2(B)(3) following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

(e) 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) Reserved for Future Use

(C)

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) End Office (Cont'd)

(D)

(D)

(3) Information Surcharge

The Information Surcharge is a charge to recover costs that have been assigned to the interstate Information category through Parts 36 and 69 of the Commission's Rules. These costs are other than those incurred in the provision of interstate Directory Assistance Service as set forth in 9. following.

The Information Surcharge is assessed to the customer based on the total number of access minutes. The rates are set forth in 6.9.7 following. The application of these rates with respect to the individual Feature Groups is as set forth in 6.8.1(D) following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) End Office (Cont'd)(4) Toll Free Access Service Nonrecurring Charge

The Toll Free Access Service nonrecurring charge is assessed to the customer based on NXXs activated, or deactivated, in conjunction with Toll Free Access Service. The charge varies depending on how the customer orders NXXs activated or deactivated, i.e., by State or LATA. When ordered by LATA, for both NXXs activated and deactivated, each NXX in the LATA is subject to the charge. Subsequent orders for those NXXs to be activated or deactivated in a different LATA will again be subject to the charge. When ordered by State, for both NXXs activated or deactivated, the charge applies for each NXX only once even if multiple LATAs are involved.

(5) 900 Access Service Nonrecurring Charge

The 1+900 Access Service nonrecurring charge is assessed to the customer based on NXX codes activated, or deactivated, in conjunction with 900 Access Service. The charge varies depending on how the customer orders NXXs activated or deactivated, i.e., by State or LATA. When ordered on a LATA basis, for both NXXs activated and deactivated, each NXX in the LATA is subject to the charge. If subsequent orders activate or deactivate NXX codes previously ordered in a different LATA, the nonrecurring charge still applies to the NXX codes activated or deactivated on the subsequent order.

The 0+900 Access Service nonrecurring charge is assessed to the customer based on end offices activated in conjunction with 900 Access Service.

(6) The Switched 56 Kilobit charge is assessed to the customer based on the total number of Switched 56 Kilobit access minutes. Switched 56 Kilobit access minutes are those access minutes transported via separate Switched 56 Kilobit trunks as specified in 6.2.4(A)(9) following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are as set forth in 11. following.

6.1.4 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.

6.1.5 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 Switched 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 Switched Transport), balance parameters (equal level echo path loss) may also be tested.

6.1.6 Ordering Options and Conditions

Switched Access Service is ordered under the Access order provisions set forth in 5. preceding. Also, included in that Section are other charges which may be associated with ordering Switched Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements

Switched Access Feature Group Service is provided in different service arrangements; Feature Group A through D. The provision of each arrangement requires Switched Transport facilities and the appropriate End Office functions. In addition, WATS Access Lines Service as described in 7.2.3.1 following may, at the option of the customer, be provided for use with Feature Groups A, B, C and D.

There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Switched Access Arrangements. 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 6.5.1 following.

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered, while 500 Access Service, Toll Free Data Base Access Service, and 900 Access Service are arranged for originating only. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises 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.

For Telephone Company provided facilities between an access tandem and a TRS Center, calls will be delivered only in the originating direction. For calls originating from a TRS Center routed through an access tandem, access minutes of use will be reported by the TRS provider until the Telephone Company attains the appropriate measurement capabilities.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)

There are various nonchargeable optional and chargeable optional features available with the Switched Access Arrangements. These additional optional features are provided as Switched Transport, Common Switching, Transport Termination or Line Termination Options.

Following are detailed descriptions of each of the available Feature Groups. Each is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, 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 6.4 following, are available at all Telephone Company end office switches, unless specifically stated otherwise.

6.2.1 Feature Group A (FGA)(A) Description

- (1) FGA is provided in connection with Telephone Company electronic and electromechanical end offices. 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. FGA is arranged for use by the customer in the provision of its FX/ONAL service or MTS/WATS-type service.
- (2) FGA provides a line side termination at the first point of switching. 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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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Feature Groups
(Cont'd)6.2.1 Feature Group A (FGA) (Cont'd)(A) Description (Cont'd)

(3) The Telephone Company shall select the first point of Switching, within the selected LATA, at which the lineside termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities are available to accommodate such a request. Feature Group A service will only be provided in switch types with technical capabilities to provide terminating call screening and individualized call billing detail for both originating and terminating traffic existing. FGA customers (Service in place prior to January 1, 1986) provided service out of offices not possessing these technical capabilities may retain their existing services and may continue to add or subtract lines.

(D)

(4) Entrance facilities are required between the serving wire center and an interexchange carrier's point of presence, or to a Telephone Company provided interstate transport capability, and the customer shall provide the connecting facility assignment (CFA) information, as defined in Section 2.6 preceding, using the industry standard Common Language Facility Identification. The CFA must include channel assignment information necessary to connect the FGA service to the interstate network.

(5) For existing FGA service installed prior to February 24, 1997, connecting facility assignment information is not required. This information must be provided if any changes or rearrangements are requested for the existing services.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.1 Feature Group A (FGA) (Cont'd)(A) Description (Cont'd)

- (6) 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.

- (7) 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.
- (8) 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.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.1 Feature Group A (FGA) (Cont'd)(A) Description (Cont'd)

- (9) 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 or 555-1212, whichever is available), emergency reporting service (911), exchange telephone repair ((800) 275-2355 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 on calls to (800) 275-2355 or 911 will only apply where sufficient call details are available. Additional non-access charges will also be billed on a separate account for (1) an operator surcharge, as set forth in the general services tariffs, for local operator assistance (0- and 0+) calls, (2) calls to certain community information services, for which rates are applicable under Telephone Company local general services tariffs, e.g., 976 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. Calls to community information services are permitted only where billing capability exists, i.e., sufficient billing and call detail is available to permit the billing of applicable non-access charges. For calls to Directory Assistance (411 and 555-1212 whichever is available), Switched Access Service usage rates will not apply. Instead, calls to this service are subject to the Directory Assistance Service per call rates as set forth in 9.6(B) following.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.1 Feature Group A (FGA) (Cont'd)(A) Description (Cont'd)

(10) 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.

(B) Optional Features(1) Common Switching Optional Features

- (a) Hunt Group Arrangement
- (b) Uniform Call Distribution Arrangement
- (c) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement
- (d) Call Denial
- (e) Service Code Denial
- (f) Toll Billing Exception
- (g) WATS Access Line Service with the following options:
 - 1) Hunt Group Arrangement
 - *2) Uniform Call Distribution Arrangement
 - *3) Nonhunting Number for use with Hunt Group or Uniform Call Distribution Arrangements
 - 4) Code Screening
 - 5) Overflow Advance Arrangement

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.1 Feature Group A (FGA) (Cont'd)(B) Optional Features (Cont'd)(2) Transport Termination Optional Features

- (a) Two-way operation with dial pulse address signaling and loop start supervisory signaling
- (b) Two-way operation with dial pulse address signaling and ground start supervisory signaling
- (c) Two-way operation with dual tone multifrequency address signaling and loop
- (d) Two-way operation with dual tone multifrequency address signaling and ground start supervisory signaling
- (e) Terminating operation with dial pulse address signaling and loop start supervisory signaling
- (f) Terminating operation with dial pulse address signaling and ground start supervisory signaling
- (g) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
- (h) Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling
- (i) Originating operation with loop start supervisory signaling
- (j) Originating operation with ground start supervisory signaling.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.1 Feature Group A (FGA) (Cont'd)(B) Optional Features (Cont'd)(3) Switched Transport Optional Features

- (a) Supervisory Signaling (as set forth in 6.1.2(A)(2)(a) preceding)
- (b) Customer Specified Entry Switch Receive Level

(4) Certain other features which may be available in connection with Feature Group A are provided under the Telephone Company's local general services tariffs: These are:

- (a) Call Forwarding
- (b) Call Waiting
- (c) Speed Calling
- (d) Remote Call Forwarding
- (e) IntraLATA extensions
- (f) Directory listings

(C) Transmission Specifications

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.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Feature Groups
(Cont'd)6.2.1 Feature Group A (FGA) (Cont'd)(D) 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 6.1.5 preceding which are included with the installation of service, additional Cooperative Acceptance Testing and Nonscheduled Testing are available for FGA as set forth in 13.3. 4. following.

6.2.2 Feature Group B (FGB)(A) Description

- (1) 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.
- (2) 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.
- (3) 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 in 6.4 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 Switched Transport provided.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangement
(Cont'd)6.2.2 Feature Group B (FGB) (Cont'd)(A) Description (Cont'd)

- (4) The access code for FGB switching is a uniform access code. The form of the uniform access code is 950-XXXX for carriers. These uniform access codes will be the assigned access numbers of all FGB switched access service provided to the customer by the Telephone Company.
- (5) 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

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Feature Groups
(Cont'd)6.2.2 Feature Group B (FGB) (Cont'd)(A) Description (Cont'd)

(5) (Cont'd)

Telephone Company local general services tariffs, e.g., 976 Network Service. Calls to community information services are permitted only where billing capability exists, i.e., sufficient billing and call detail is available to permit the billing of applicable non-access charges. 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 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 or 555-1212 whichever is available), service codes (800) 275-2355 and 911 or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 411 or 555-1212, whichever is available) when FGB Switching is combined with Directory Assistance Switching. The combination of FGB Switched Access Service with DA Service is provided as set forth in 9. following. FGB may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, D, Trunkside BSA - 950 Option, and Trunkside BSA-101XXXX Option. When a provider of MTS and WATS subscribes to both FGB and FGD at an equal access end office, all such FGB and FGD usage originating and terminating at those end office will be subject to the premium Carrier Common Line, Switched Transport, Local Switching - LS2, the Residual Interconnection Charge, and Information Surcharge rates set forth in 3.9 and 6.9. (D) (D)

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.2 Feature Group B (FGB) (Cont'd)(A) Description (Cont'd)

- (6) 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 provided. 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.
- (7) 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.

(B) Optional Features(1) Common Switching Optional Features

- (a) Automatic Number Identification (ANI)
- (b) Up to 7 Digit Outpulsing of Access Digits to customer
- (c) WATS Access Line Service with the following options:
 - 1) Hunt Group Arrangement
 - *2) Uniform Call Distribution Arrangement
 - *3) Non hunting number for use with Hunt Group or Uniform Call Distribution Arrangements
 - 4) Code Screening
 - 5) Overflow Advance Arrangement
- (d) Alternate Traffic Routing

* Available only when the WATS Access Line service is provided from a converted or equal access end office.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

(B) Optional Features (Cont'd)

(2) Transport Termination Optional Features

(a) Rotary Dial Station Signaling

(3) Switched Transport Optional Features Where Available

(a) Customer Specification of Switched Transport Termination

(b) Supervisory Signaling (as set forth in 6.1.2(A)(2)(a) preceding.)

(c) Customer specified Entry Switch Received Level.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.2 Feature Group B (FGB) (Cont'd)(C) Transmission Specifications

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.

(D) Testing Capabilities

FGB 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, 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 6.1.5 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Nonscheduled Testing are available for FGB as set forth in 13.3.4. following.

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6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)

6.2.3 Reserved for Future Use

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6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)

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6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Feature Groups
(Cont'd)

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.3 Feature Group C (FGC) (Cont'd)(B) Optional Features(1) Common Switching Optional Features Where Available

- (a) Automatic Number Identification (ANI)
- (b) Service Class Routing
- (c) Dial Pulse Address Signaling
- (d) Revertive Pulse Address Signaling
- (e) Immediate Dial Pulse Address Signaling
- (f) Alternate Traffic Routing
- (g) Panel Call Indicator Address Signaling
- (h) Code Screening for Use with WATS Access Line Service
- (i) Hunt Group Arrangement for Use with WATS Access Line Service
- (j) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (k) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Lines.
- (l) Overflow Advance Arrangement for Use with WATS Access Line Service
- (m) Delay Dial Start-Pulsing Signaling
- (n) 900 Access Service

(2) Transport Termination Optional Features

- (a) Operator Trunks - i.e., Coin, Non-Coin and Combined Coin and Non-Coin. (Non-Coin Trunks are provided at Telephone Company electronic and electromechanical end offices. Coin and Combined Coin and Non-Coin are provided only at Telephone Company electronic end offices and other Telephone Company end offices where equipment is available.)

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.3 Feature Group C (FGC) (Cont'd)(B) Optional Features (Cont'd)(3) Switched Transport Optional Features

- (a) Supervisory Signaling (as set forth in 6.1.2(A)(2)(a) preceding)

(4) Line Termination Optional Features

- (a) Dialed Number Identification Service
- (b) Answer Supervision

(C) Transmission Specifications

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's premises and the end office when directly routed to the end office, and Type DB Data Transmission Parameters are provided for the transmission between the customer's premises and the access tandem and between the access tandem and the end office when routed via an access tandem.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.3 Feature Group C (FGC) (Cont'd)(D) 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 6.1.5 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Cooperative Scheduled Testing or Manual Scheduled Testing, and Nonscheduled Testing are available as set forth in 13.3.4 following for FGC.

6.2.4 Feature Group D (FGD)(A) Description

- (1) FGD is provided at Telephone Company designated electronic end office switches whether routed directly or via Telephone Company designated electronic access tandem switches.

Feature Group D with out of band signaling is provided where conditions permit through Telephone Company designated switches.

- (2) FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment may be provided with wink start start-pulsing signals and answer and disconnect supervisory signaling, or without signaling when out of band signaling is specified.

- (3) FGD switching is provided with multifrequency address or out of band signaling. When FGD switching is used with the 950 dialing option, FGD is only available from SS7 equipped offices. 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 Switched Transport provided.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.4 Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

- (4) 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 local general service tariffs, e.g., 976 Network Service. Calls to community information services are permitted only where billing capability exists, i.e., sufficient billing and call detail is available to permit the billing of applicable non-access charges. 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 or 555-1212 whichever is available), service codes (800) 275-2355 and 911, 101XXXX access codes or to a TRS Center. Calls will be completed to Directory Assistance (NPA-555-1212 or 411 or 555-1212, whichever is available) 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 9. following. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, D, Trunkside BSA - 950 Option, or Trunkside BSA-101XXXX Option. (D)

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.4 Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

- (5) 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, or in the case of Switched 56 Kilobit Service, 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. (D)
- (6) The access code for FGD switching is a uniform access code of the form 101XXXX. A single access code 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 4. preceding. As an option, where technically feasible, 950 on FGD may be accessed by dialing an associated uniform 950-XXXX access code. When used with the 950 dialing option, FGD is only available with SS7 signaling equipped offices.

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), except for 00- dialed calls which are routed to the predesignated customer. 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's premises.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.4 Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

(6) (Cont'd)

When the 101XXXX 1+ or 011+ sent-paid access code is dialed from a Telephone Company pay telephone to a customer that has not ordered per 6.4.2(B) or (C) following, the calls will be routed to a Telephone Company recording.

Rates and charges applicable to 950 on FGD service are as specified in Section 6.9.2 following.

In addition, customers who order 950 on FGD service from the effective date of this tariff until January 31, 1998 will only pay fifty percent of the appropriate nonrecurring charge.

- (7) At the option of the customer, Switched 56 Kilobit Service as specified following is available for use with Trunkside BSA-101XXXX Option and Feature Group D. Switched 56 Kilobits traffic is ordered as set forth in 5.2 preceding and is delivered to the customer via separate Trunkside BSA-101XXXX Option or FGD trunks capable of or FGD trunks capable of supporting 56 Kbps digital transmission.

Switched 56 Kilobit service is an arrangement whereby customers may receive, or send, data at a speed of 56 Kbps from designated switches over dedicated trunks. The number dialed by the customer's end user shall be a seven or ten digit number in the form of NXX-XXXX, 1+NXX-XXXX, 101XXXX+NXX-XXXX, NPA+NXX-XXXX, 1+NPA+NXX-XXXX, or 101XXXX+NPA+NXX-XXXX and when the end office is equipped for International Direct Distance Dialing (IDDD), 011+CC+NN.

All rates and charges normally applicable to Trunkside BSA-101XXXX Option and Feature Group D, i.e., non-recurring, monthly recurring, and usage sensitive apply to Switched 56 Kilobit Service. Additionally, a per Switched 56 Kilobit access minute of use charge specified in 6.1.2 (9) preceding and 6.9.7 following, apply to Switched 56 Kilobit Service.

This option is not available in combination with out of band signaling.

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6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements
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6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements
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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.4 Feature Group D (FGD) (Cont'd)(B) Optional Features(1) Common Switching Optional Features

- (a) Automatic Number Identification (ANI)
- (b) Service Class Routing
- (c) Alternate Traffic Routing
- (d) International Carrier Option
- (e) Code Screening for Use with WATS Access Line Service
- (f) Hunt Group Arrangement for Use with WATS Access Line Service
- (g) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (h) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Lines
- (i) Overflow Advance Arrangement for Use with WATS Access Line Service
- (j) Calling Party Number * +
- (k) Charge Number *
- (l) Carrier Selection Parameter * ++
- (m) Access Transport Parameter * ++
- (n) Flexible Automatic Number Identification (Flex ANI)
- (o) 900 Access Service
- (p) Carrier Identification Parameters (CIP) * ++
- (q) 950-XXXX Dialing On FGD*

(2) Transport Termination Optional Features

- (a) Operator Trunk, Full Feature Arrangement

- + CPN is not offered in Pennsylvania and/or where it is not technically feasible.
- ++ Available only at selected Telephone Company switches.
- * Available only on originating FGD.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.4 Feature Group D (FGD) (Cont'd)(B) Optional Features (Cont'd)(3) Switched Transport Optional Features

- (a) Supervisory signaling (as set forth in 6.1.2(A)(6)(a) preceding).
- (b) Customer Specified Entry Switch Receive Level (as set forth in 6.1.2(A)(6)(b) preceding).
- (c) Customer Specification of Switched Transport Termination (as set forth in 6.1.2(A)(6)(c) preceding).
- (d) Tandem to End Office Re-Route Option (as set forth in 6.1.2(A)(6)(d) preceding).
- (e) Out of band signaling (as set forth in 6.1.2(A)(6)(e) preceding).

(4) Line Termination Optional Features

- (a) Dialed Number Identification Service
- (b) Answer Supervision

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.4 Feature Group D (FGD) (Cont'd)(C) Transmission Specifications

FGD is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed directly 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.

900 Access Service traffic originating from equal access end offices with six digit translation capability, and for 500 Access Service and Toll Free Data Base Access Service traffic originating from end offices with Data Base query functionality, all normal Feature Group D parameters apply.

500 Access Service, Toll Free Data Base Access Service, and 900 Access Service, traffic originating from all other end offices, Type A Transmission Specifications are provided for the facility between the access tandem and the customer's premises.

Feature Group D trunks equipped for Switched 56 Kilobit Service traffic are subject to the following transmission specification:

- Transmission rate is 56 Kbps full duplex

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.5 Switched Transport Facilities

Customers requesting Lineside or Trunkside Switched Access service must specify the type of Collocated Interconnection Cross-Connect Service and SPOT Bay Frame and Terminations pursuant to Section 19 following, Entrance Facility, or DS3, DS1, or Voice Grade between the customer's facilities or Collocated Interconnected arrangement and the SWC. (See Note below.)

The customer must also specify if Direct Trunked Transport or Tandem Switched Transport is desired. Tandem Switched Transport is not available for Lineside Switched Access Service. If Direct Trunked Transport is requested, the customer must specify the type of Direct Trunked Transport facility, DSR, ISAN, ISSP, DS3, DS1, or Voice Grade to be utilized. If Tandem Switched Transport is requested, the Telephone Company shall determine the type of facilities to be utilized from the SWC of the customer's facilities to the end office, via the access tandem, based on the customer's order for service on a busy hour minutes of capacity or on a per trunk basis. (T)

There are several types of facilities, IEF, DSR, ISAN, ISSP, DS3, DS1, or Voice Grade, available to the customer for Entrance Facilities and Direct Trunked Transport facilities for Lineside or Trunkside Switched Access service. Following is a brief description of each type of facility. Each type, as well as Collocated Interconnection Cross-Connect Service and SPOT Bay Frame and Terminations as specified in Section 19 following, has its own characteristics and is available with multiplexing options as set forth in 6.1.2(A)(7)(b) preceding. (T)

(a) Voice Grade Facility

A Voice Grade facility is an electrical communications path, which provides voice-frequency transmission in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Compatible Interface Groups are described in 6.1.2(A)(6) preceding.

Note: See Section 19 following for further information.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.5 Switched Transport Facilities (Cont'd)

(b) DS1 Facility

DS1 facilities are available for Entrance Facilities and for Direct Trunked Transport facilities. A DS1 facility is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice-frequency transmission paths. Compatible Interface Groups are described in 6.1.2(A)(6) preceding.

(c) DS3 Facility

DS3 facilities are available for Entrance Facilities and Direct Trunked Transport facilities. A DS3 facility is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice-frequency transmission paths. Compatible Interface Groups are described in 6.1.2(A)(6) preceding.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.5 Switched Transport Facilities (Cont'd)

(d) IntelliLight Entrance Facilities (IEF)

IEF facilities are available for Entrance Facilities and Direct Trunk Transport. An IEF facility is capable of providing unlimited quantities of STS1s, STS3s or STS12s. An IEF facility may require both a termination and an interface. IEF facilities are described in more detail in Section 6.8.25 following.

(e) Verizon Dedicated SONET Ring (DSR)

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DSR facilities are available for Entrance Facilities and/or Direct Trunked Transport facilities. A DSR facility is capable of transmitting signals in ring capacities of OC3, OC12, and OC48. In addition, an OC12/3 node is available on OC12 DSRs.

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(f) IntelliLight Shared Assurance Network

ISAN facilities are available for Entrance Facilities and for Direct Trunked Transport facilities. The ISAN transport channel is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice-frequency transmission paths. Compatible Interface Groups are described in 6.1.2(A)(6) preceding.

(g) IntelliLight Shared Single Path (ISSP)

ISSP facilities are available for Entrance Facilities and Direct Trunked Transport facilities. An ISSP facility is capable of transmitting electrical payload signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice-frequency transmission paths. Compatible Interface Groups are described in 6.1.2(A)(6) preceding.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements
(Cont'd)6.2.5 Switched Transport Facilities (Cont'd)

Beginning August 7, 1998, the Telephone Company will no longer offer DS3C with an optical interface in response to new requests. All new requests for DS3 optical interfaces will be provisioned over SONET transmission devices. The new optical option is DS3 SONET Optical Interface (SOI). Those DS3 services provisioned prior to August 7, 1998, with Telephone Company provided Optical Line Terminating Equipment (OLTE) located in the Serving Wire Center, will continue to be provided and maintained. A more detailed description of DS3 SONET Optical Interface is included in Section 7.2.9(A) following.

When the customer has ordered Trunkside BSA-101XXXX Option or Feature Group D with out of band signaling as set forth in 6.1.2(A)(6)(e) preceding, the Telephone Company will provide out of band signaling in accordance with the technical specifications set forth in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and Supplement, August 1992, and Technical Reference GR-905-CORE, Issue 11, and as specified in sections 6.1.2 and 6.4.1.

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(x) GR-905-CORE, Issue 11, replaces TR-TSV-000905 and TR-TSV-000962, Issue 1 in their entirety.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs

Switched Access Service is also provided in the form of three unbundled Basic Serving Arrangements (BSAs) - Lineside, Trunkside and Dedicated Network Access Link (DNAL) connections. The provision of Lineside and Trunkside BSAs requires Switched Transport facilities and the appropriate Local Switching functions. The provision of DNAL BSAs requires Channel Mileage facilities and the appropriate Channel Termination functions. In addition, WATS Access Line Service as described in section 7.2.3.1 following may, at the option of the customer, be provided for use with the Lineside BSA and Trunkside BSAs.

There are also various Switched Transport and Local Switching optional features and Basic Service Elements (BSEs) available with a BSA. Unless specifically stated otherwise, these BSEs and features are available at most Telephone Company end office switches. WATS Access Line Service termination optional features and BSEs are available only in the end office designated as WATS serving offices.

There are three specific transmission specifications (i.e., Types A, B, and C) that have been identified for the provision of BSAs. 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 6.6 following.

Lineside and Trunkside BSAs are arranged for either originating, terminating or two-way calling, based on the customer end office switching capability ordered. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's facilities. Terminating calling permits the delivery of calls from the customer's facilities 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.

For Telephone Company provided facilities between an access tandem and a TRS Center, calls will be delivered only in the originating direction. For calls originating from a TRS Center routed through an access tandem, access minutes of use will be reported by the TRS provider until the Telephone Company attains the appropriate measurement capabilities.

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)

Following are detailed descriptions of each of the available BSAs. Each BSA is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, the optional features and BSEs available for use with it, and the standard testing capabilities.

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6.3.1 Lineside BSA(A) General Description

- (1) Lineside BSA is provided in connection with the Telephone Company electronic and electromechanical end offices. At the option of the customer, Lineside BSA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling. Lineside BSA provides lineside access to Telephone Company end office switches with an associated seven-digit local telephone number for the customer's use in originating communications (1) to an Interexchange Carrier's interstate service, or (2) to the Telephone Company's facilities when used to provide dial tone service from the Telephone Company's end office switch in a state other than the state of the customer's normal serving end office.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.1 Lineside BSA (Cont'd)(A) General Description (Cont'd)

(1) (Cont'd)

Entrance facilities are required between the serving wire center and an interexchange carrier's point of presence, or to a Telephone Company provided interstate transport capability, and the customer shall provide the connecting facility assignment (CFA) information, as defined in Section 2.6 preceding, using the industry standard Common Language Facility Identification. The CFA must include channel assignment information necessary to connect the Lineside BSA to the interstate network.

For existing Lineside BSA that is installed prior to February 24, 1997, connecting facility assignment information is not required. This information must be provided if any changes or rearrangements are requested for the existing services.

- (2) Lineside BSA provides for a lineside termination at the first point of switching, which shall be selected by the Telephone Company within the requested LATA, unless the customer requests a different location at which Telephone Company facilities and measurement capabilities are available to accommodate such a request.
- (3) The Telephone Company assigns a seven digit telephone number associated with the selected end office to provide access to Lineside BSA in the originating direction. The assigned number will be in the form NXX-XXXX. If the customer requests a specific number that is currently unassigned, the requested number will be assigned to the customer if the Telephone Company can comply with that request with reasonable effort.
- (4) Calls from end users to the seven digit telephone numbers associated with Lineside BSA may be subject to Telephone Company Local and/or General Exchange

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.1 Lineside BSA (Cont'd)(A) General Description (Cont'd)

(4) (Cont'd)

Service tariff charges (including message unit and toll charges, as applicable). The monthly bills rendered to customers for their Lineside BSA service for which section 3, Carrier Common Line Access Service charges apply will include a credit to reflect message unit charges collected from their end users under the Telephone Company's Local and/or General Exchange Service tariffs. The credit will apply for recorded originating usage, as appropriate, for the Lineside BSA service provided. No credit will apply for any terminating Lineside BSA access minutes. The message unit credit for originating Lineside BSA access minutes is set forth in section 6.8.11.

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(5) At the option of the customer, Lineside BSA will be provided:

(a) with either ground start or loop start supervisory signaling and

(b) on a single or multiple line group basis.

(6) When Lineside BSA is used in the originating direction, no address signaling is provided by the Telephone Company. If such signaling is required, it must be provided by the customer's end user using inband tone signaling techniques. 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.

(7) When used in the terminating direction, Lineside BSA is arranged with dial tone start-dial signaling. At the option of the customer, terminating Lineside BSA may be arranged for dial pulse or dual tone multifrequency address signaling, subject to the availability of equipment at the first point of switching. When Lineside BSA is provided with a

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.1 Lineside BSA (Cont'd)(A) General Description (Cont'd)

(7) (Cont'd)

hunt group or uniform call distribution arrangement BSE, all Lineside BSAs will be arranged for the same type of address signaling.

Lineside BSA 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), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customer's services (by dialing the appropriate digits). Charges for Lineside BSA terminating calls requiring operator assistance or calls to (800) 275-2355 or 911 will only apply where sufficient call details are available.

- (8) Additional non-access charges will also be billed on 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 Network Services, and, (3) calls from a Lineside BSA 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 Lineside BSA calls to Directory Assistance (411 where available and 555-1212), Switched Access Service usage rates will not apply. Instead, Lineside BSA calls to this service are subject to the Directory Assistance and Directory Assistance Service per call rates as set forth in section 9.6(B) following.

- (9) When Lineside BSA 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

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.1 Lineside BSA (Cont'd)(A) General Description (Cont'd)

(9) (Cont'd)

associated with the number dialed has been discontinued.

- (10) When a WAL service is provided in conjunction with a Lineside BSA, the customer will be provided with Routing of IntraLATA Calls to the Telephone Company for Use with WATS Access Line Service Option.

(B) Lineside BSA Optional Features and BSEs(1) Common Switching

- (a) Hunting Service Arrangements (BSE)
- (b) Uniform Call Distribution Arrangement (BSE)
- (c) Non-Hunt Directory Numbers (BSE)
- (d) Call Denial (Optional Feature)
- (e) Service Code Denial (Optional Feature)
- (f) Toll Billing Exception (Optional Feature)
- (g) WATS Access Line Service with the following options:
 - (1) Hunt Group Arrangement (Optional Feature)
 - (2) Uniform Call Distribution Arrangement (Optional Feature)
 - (3) Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement (Optional Feature)
 - (4) Code Screening (Optional Feature)
 - (5) Overflow Advance Arrangement (Optional Feature)
- (h) Answer Supervision with a Line Side Interface (BSE)
- (i) Make Busy Arrangement (BSE)
- (j) Three-Way Call Transfer (BSE)
- (k) Messaging Services Interface (BSE)
- (l) Three-Way Calling (BSE)
- (n) Direct Inward Dialing (DID) Service (BSE)
- (o) DID Trunk Queuing (BSE)

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.1 Lineside BSA (Cont'd)(B) Lineside BSA Optional Features and BSEs (Cont'd)(2) Transport Termination

- (a) Two-way operation with dial pulse address signaling and loop start supervisory signaling.
- (b) Two-way operation with dial pulse address signaling and ground start supervisory signaling.
- (c) Two-way operation with dual tone multifrequency address signaling and loop start supervisory signaling.
- (d) Two-way operation with dual tone multifrequency address signaling and ground start supervisory signaling.
- (e) Terminating operation with dial pulse address signaling and loop start supervisory signaling.
- (f) Terminating operation with dial pulse address signaling and ground start supervisory signaling.
- (g) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling.
- (h) Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling.
- (i) Originating operation with loop start supervisory signaling.
- (j) Originating operation with ground start supervisory signaling.

(3) Switched Transport

- (a) Supervisory Signaling (as set forth in 6.1.3(A)(2)(a) preceding).
- (b) Customer Specified Entry Switch Receive Level.

(4) Certain other features which may be available in connection with Lineside BSA are provided under the Telephone Company's General Subscriber Service Tariffs. These are:

- (a) Call Forwarding
- (b) Call Waiting
- (c) Speed Calling
- (d) Remote Call Forwarding

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.1 Lineside BSA (Cont'd)(B) Lineside BSA Optional Features and BSEs (Cont'd)

(4) (Cont'd)

- (e) IntraLATA extensions
- (f) Directory listings

(C) Transmission Specifications

Lineside BSA is provided with either Type A 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 9. Type DB Data Transmission Parameters are provided with Lineside BSA to the first point of switching.

(D) Testing Capabilities

Lineside BSA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test and milliwatt (102 type) test line. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing and Nonscheduled Testing are available for Lineside BSA as set forth in section 13.3.5 following.

6.3.2 Trunkside BSA

Trunkside BSA is provided in switched access packages. These are differentiated by their technical characteristics, e.g., the manner in which an end user accesses them in originating calls. Two options are offered as Trunkside BSA - 950 Option (C) and Trunkside BSA-101XXXX Option. The Trunkside - 950 Option is provided as set forth in 6.4.2.1 following. The Trunkside (D) BSA-101XXXX Option is set forth in 6.4.2.3 following.

Trunkside BSAs provide trunk side access to Telephone Company end office switches, either directly or through a Telephone Company designated Switched Access Service tandem switch. The Telephone Company will establish a trunk group (or groups)

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.2 Trunkside BSA (Cont'd)

between the customer's premises and end office or access tandem switches, based on the technical limitations imposed by the type, directionality and quantity of traffic specified by the customer. Different Switched Access Service arrangements may be combined in a single group at the option of the Telephone Company. (D)

6.3.2.1 Trunkside BSA - 950 Option(A) General Description

Trunkside BSA - 950 Option, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 950-XXXX access code for non-Toll Free and non-900 Access Service for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's interstate service, Telephone Company central office, or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the Trunkside BSA - 950 Option is connected or, in the alternative, specify the means by which the access communication is transported to another state. (D)

Trunkside BSA - 950 Option may be directly routed only to appropriately equipped electronic end office switches. Trunkside BSA - 950 Option may be provided via Telephone Company designated electronic access tandem switches to other Telephone Company electronic and electro-mechanical end office switches.

Trunkside BSA - 950 Option switch trunk equipment is provided with (a) wink start start-pulsing signaling and (b) answer and disconnect supervisory signaling. Trunkside BSA - 950 Option is provided with multi-frequency address signaling. With exception of Trunkside BSA - 950 Option provided with the automatic number identification (ANI) or rotary dial station signaling Local Switching optional features.

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.2 Trunkside BSA (Cont'd)6.3.2.1 Trunkside BSA - 950 Option (Cont'd)(A) General Description (Cont'd)

any other address signaling required by the customer in the originating direction must be provided by the customer's end user using inband tone signaling techniques.

Inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided.

When all Trunkside BSA - 950 Option service is discontinued at an end office and/or in a LATA, an intercept announcement indicating that the service associated with the number dialed has been discontinued will be provided for a limited period of time.

Trunkside BSA - 950 Option 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 Network Service. Additionally, non-access charges will also be billed for calls from a Trunkside BSA - 950 Option 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

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.2 Trunkside BSA (Cont'd)6.3.2.1 Trunkside BSA - 950 Option (Cont'd)(A) General Description (Cont'd)

will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes (800) 275-2355 and 911, or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when Trunkside BSA -950 Option switching is combined with Directory Assistance Switching. The combination of Trunkside BSA - 950 Option Switched Access Service with Directory Assistance Service is provided as set forth in section 9 following.

Trunkside BSA - 950 Option may not be switched, in the terminating direction, to Switched Access Service Lineside BSA, Trunkside BSAs, or Feature Groups. When a provider of MTS and WATS subscribes to both Trunkside BSA-950 Option and Trunkside BSA-101XXXX Option at an equal access end office, all such Trunkside BSA-950 Option and Trunkside BSA-101XXXX Option usage originating and terminating at those end offices will be subject to the premium Carrier Common Line, Switched Transport, Local Switching - LS2, and Information Surcharge rates set forth in 3.9 and 6.9. When a WAL Service is provided in conjunction with a Trunkside BSA - 950 Option Switched Access Service, the customer will be provided with the Routing of Intrastate Calls to the Telephone Company for Use with WATS Access Line Services Option.

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.2 Trunkside BSA (Cont'd)6.3.2.1 Trunkside BSA - 950 Option (Cont'd)(B) Trunkside BSA - 950 Option Optional Features
and BSEs(1) Common Switching

- (a) Automatic Number Identification (BSE)
- (b) Up to 7 Digit Outpulsing of Access
Digits to customer (Optional Feature)
- (c) WATS Access Line Service with the
following options:
 - (1) Hunt Group Arrangement (Optional
Feature)
 - (2) Uniform Call Distribution
Arrangement (Optional Feature)
 - (3) Non-hunting number for use with
Hunt Group or Uniform Call
Distribution Arrangements
(Optional Feature)
 - (4) Code Screening (Optional Feature)
 - (5) Overflow Advance Arrangement
(Optional Feature)
- (d) Alternate Traffic Routing (BSE)

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.2 Trunkside BSA (Cont'd)6.3.2.1 Trunkside BSA - 950 Option (Cont'd)(B) Trunkside BSA - 950 Option Optional Features and BSEs (Cont'd)(2) Transport Termination

(a) Rotary Dial Station Signaling

(3) Switched Transport

(a) Customer Specification of Switched Transport Termination

(b) Supervisory Signaling (as set forth in 6.1.3(A)(2)(a) preceding)

(c) Customer Specified Entry Switch Receive Level

(C) Transmission Specifications

Trunkside BSA - 950 Option 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 Trunkside BSA - 950 Option to the first point of switching.

(D) Testing Capabilities

Trunkside BSA - 950 Option is provided, in the terminating direction where equipment is available, with seven digit access to balance

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.2 Trunkside BSA (Cont'd)6.3.2.1 Trunkside BSA - 950 Option (Cont'd)(D) Testing Capabilities (Cont'd)

(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 6.1.5 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Nonscheduled Testing are available as set forth in 13.3.4 following.

6.3.2.2 Reserved for Future Use

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6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

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6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

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6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

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6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.2 Trunkside BSA (Cont'd)

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6.3.2.3 Trunkside BSA-101XXXX Option(A) General Description

Trunkside BSA-101XXXX Option is available to all customers at Telephone Company designated electronic end office switches, whether routed directly or via Telephone Company designated electronic access tandem switches. Trunkside BSA-101XXXX Option provides trunk side access to end office switches with an associated uniform 101XXXX access code for use in originating and terminating communications.

All Trunkside BSA-101XXXX Options provided to the customer by the Telephone Company will use these uniform access codes.

No access code is required for calls to a customer over a Trunkside BSA-101XXXX Option if the Switched Access Service customer's end user has presubscribed its Telephone Exchange Service to that customer, as set forth in section 4.2 preceding.

When no access code is required, 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. When the end office is equipped

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.2 Trunkside BSA (Cont'd)6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)(A) General Description (Cont'd)

for International Direct Distance Dialing (IDDD) the form is 01+CC+NN or 011+CC+NN.

Trunkside BSA-101XXXX Option switch trunk equipment is provided with

- (a) wink start start-pulse signaling and
- (b) answer and disconnect supervisory signaling
- (c) or without signaling when out of band signaling is specified.

Trunkside BSA-101XXXX Option is provided with multifrequency address signaling or out of band signaling. Up to twelve digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signaling will be provided by the Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Called party number signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

Trunkside BSA-101XXXX Option 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 customer Trunkside BSA-101XXXX Option 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 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 Network Service.

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.2 Trunkside BSA (Cont'd)6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)(A) General Description (Cont'd)

Additionally, non-access charges will also be billed for calls from a Trunkside BSA-101XXXX Option 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 (800) 275-2355 and 911, 101XXXX access codes, or to a TRS Center. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when Trunkside BSA-101XXXX Option switching is combined with Directory Assistance Switching. The combination of Trunkside BSA-101XXXX Option Switched Access Service with Directory Assistance Service is provided as set forth in section 9. following. Trunkside BSA-101XXXX Option may not be switched, in the terminating direction, to Switched Access Service Trunkside BSAs.

The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where Trunkside BSA-101XXXX Option Switching is provided. When required by technical limitations, a separate trunk group will be established for each type of Trunkside BSA-101XXXX Option switching arrangement provided. Different types of Trunkside BSA-101XXXX Option or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

The access code for Trunkside BSA-101XXXX Option switching is a uniform access code of the form 101XXXX. These uniform access codes will be the assigned access numbers of all Trunkside BSA-101XXXX Option access provided to the customer by the Telephone Company. No access code is required for calls which originate from a WATS Access Line (WAL) Service. No access code is

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.2 Trunkside BSA (Cont'd)6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)(A) General Description (Cont'd)

required for calls to a customer over Trunkside BSA-101XXXX Option Switched Access Service if the end user's telephone exchange service, the Pay Telephone Service Provider's Telephone Service, or the customer's Lineside BSA Switched Access Service is arranged for presubscription to that customer, as set forth in 13 following.

Calls originating from a WAL Service by the end user's dialing 0+500+NXX, 1+500+NXX, Toll Free Code+NXX+XXXX, 1+Toll Free Code+NXX-XXXX, 900+NXX-XXXX, 0+900+NXX-XXXX, or 1+900+NXX-XXXX will be routed to the Switched Access Service of the 500, Toll Free, or 900 service provider. Calls originating from a WAL Service by the end user's dialing unassigned NXXs, local operator assistance (0-), service codes (211, (800) 275-2355 and 911), directory assistance (411) and 101XXXX access codes will not be completed.

When the 101XXXX access code is used, Trunkside BSA-101XXXX Option 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's premises.

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.2 Trunkside BSA (Cont'd)6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)(A) General Description (Cont'd)

Trunkside BSA-101XXXX Option switching will be arranged to accept calls from telephone exchange service, Public Telephone Service or Lineside BSA locations without the need for dialing 101XXXX uniform access code. Each telephone exchange service line, Public Telephone Service Line or Lineside BSA may be marked with a presubscription code to identify which 101XXXX code its calls will be directed to for interLATA service. Presubscription codes are applied as set forth in section 13 following.

When a customer has had Trunkside BSA - 950 Option access in an end office and subsequently replaces the Trunkside BSA - 950 Option access with Trunkside BSA-101XXXX Option access, at the customer's request and where facilities permit, the Telephone Company, will, for a period of 90 days, direct calls dialed by the customer's end users using the customer's previous Trunkside BSA - 950 Option access code to the customer's Trunkside BSA-101XXXX Option access service. The customer must be prepared to handle normally dialed Trunkside BSA-101XXXX Option calls dialed with the Trunkside BSA - 950 Option access code which require the customer to receive additional address signaling from the end user. Such calls will be rated as Trunkside BSA-101XXXX Option.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.2 Trunkside BSA (Cont'd)6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)(A) General Description (Cont'd)

At the option of the customer, Switched 56 Kilobit Service as specified following is available for use with Trunkside BSA-101XXXX Option. Switched 56 Kilobits traffic is ordered as set forth in 5.2 preceding and is delivered to the customer via separate Trunkside BSA-101XXXX Option trunks capable of supporting 56 Kbps digital transmission.

Switched 56 Kilobit service is an arrangement whereby customers may receive, or send, data at a speed of 56 Kbps from designated switches over dedicated trunks. The number dialed by the customer's end user shall be a seven or ten digit number in the form of NXX-XXXX, 1+NXX-XXXX, 101XXXX + NXX-XXXX, NPA+NXX-XXXX, 1+NPA+NXX-XXXX, or 101XXXX + NPA+NXX-XXXX, and when the end office is equipped for International Direct Distance Dialing (IDDD), 011+CC+NN.

All rates and charges normally applicable to Trunkside BSA-101XXXX Option i.e., non-recurring, monthly recurring, and usage sensitive apply to Switched 56 Kilobit Service. Additionally, a per Switched 56 Kilobit access minute of use charge specified in Section 6.1.2(B)(6) preceding and Section 6.9.7 following, apply to Switched 56 Kilobit Service.

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This option is not available in combination with out of band signaling.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.3 Provision and Description of Switched Access BSAs (Cont'd)
6.3.2 Trunkside BSA (Cont'd)
6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.2 Trunkside BSA (Cont'd)6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)(B) Trunkside BSA-101XXXX Option Optional Features and BSEs(1) Common Switching

- (a) Automatic Number Identification (BSE)
- (b) Service Class Routing (Optional Feature)
- (c) Alternate Traffic Routing (BSE)
- (d) International Carrier Option (Optional Feature)
- (e) Code Screening for use with WATS Access Line Service (Optional Feature)
- (f) Hunt Group Arrangement for Use with WATS Access Line Service (Optional Feature)
- (g) Uniform Call Distribution Arrangement for Use with WATS Access Line Service (Optional Feature)
- (h) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service (Optional Feature)
- (i) Overflow Advance Arrangement for Use with WATS Access Line Service (Optional Feature)
- (j) Calling Party Number (Optional Feature) *
- (k) Charge Number (BSE)
- (l) Carrier Selection Parameter (Optional Feature)
- (m) Flexible Automatic Number Identification (BSE)
- (n) 900 Access Service

(2) Transport Termination

- (a) Operator Trunk, Full Feature Arrangement

(3) Switched Transport

- (a) Supervisory Signaling (as set forth in section 6.1.3(A)(2)(a) preceding)
- (b) Out of Band Signaling (as set forth in section 6.1.3(A)(2)(e) preceding)
- (c) Common Channel Signaling Access Service
- (d) Billing Validation Service
- (e) Toll Free Data Base Access Service
- (f) 500 Access Service

* Calling Party Number is not offered in Pennsylvania, and where it is not technically feasible.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.2 Trunkside BSA (Cont'd)6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)(B) Trunkside BSA-101XXXX Option Optional Features and BSEs (Cont'd)(4) Line Termination

- (a) Dialed Number Identification Service
- (b) Answer Supervision

(C) Transmission Specifications

Trunkside BSA is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- (1) When routed directly to the end office either Type B or C is provided.
- (2) When routed to an access tandem or TOPS tandem only Type A is provided.
- (3) Type A is provided on the transmission path from the access of TOPS 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 DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access of TOPS tandem and between the access or TOPS tandem and the end office. Type DA Data Transmission Parameters are provided with Trunkside BSA-101XXXX Option for the transmission path between the customer's premises and the end office when directly routed to the end office.

(D) Testing Capabilities

Trunkside BSA-101XXXX Option 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

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.2 Trunkside BSA (Cont'd)6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)(D) Testing Capabilities (Cont'd)

line and open circuit test line. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Nonscheduled Testing are available as set forth in 13.3.4 following for Trunkside BSA-101XXXX Option.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.3 Dedicated Network Access Link (DNAL) BSA(A) General Description

(1) The Dedicated Network Access Link (DNAL) BSA provides a connection between the customer designated premises and a Telephone Company switch or central office for the transfer of data from the switch or central office to the customer premises.

(2) The DNAL is primarily used in conjunction with switched access or central office based services requiring a separate link for transmitting signaling or control information. The switched access service determines the requirement for speed, type, and number of DNALs.

(3) The DNAL can be used in association with the Common Switching BSEs as set forth following.

(a) Messaging Services Interface (BSE)

This option is provided as set forth in 6.4.1(AG) following.

(b) Make Busy Arrangements (BSE)

This option is provided as set forth in 6.4.1(AH) following.

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)(B) Metallic DNAL(1) Basic Description

A Metallic DNAL is a unconditioned two-wire channel capable of transmitting low speed varying signals at rates up to 30 baud. This channel is provided by metallic or equivalent facilities. Metallic DNALs are provided between a customer designated premises and a Telephone Company switch or central office. Interoffice metallic DNALs will be limited in length to a total of five route miles per channel.

(2) Technical Specifications packages

<u>Parameter</u>	<u>C</u>	<u>Package MT-</u>		
		<u>1</u>	<u>2</u>	<u>3</u>
DC Resistance				
Between Conductors	X	X	X	
Loop Resistance	X			X
Shunt Capacitance	X			X

The technical specifications are delineated in Technical Reference TR-NPL-000336.

(3) Channel Interfaces

Compatible channel interfaces are set forth in 7.3.5(A) following.

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)(C) Voice Grade DNAL(1) Basic Description

A Voice Grade DNAL is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated as analog two-wire or four-wire. Voice Grade DNALs are provided between a customer designated premises and a Telephone Company switch or central office.

(2) Technical Specifications Packages

The technical specifications for Voice Grade DNALs are delineated in Technical Reference TR-NWT-000335, Issue 3, under the section defining VG-6 capabilities.

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(C)(x)

(3) Channel Interfaces

The following channel interfaces for Voice Grade DNALs do not require signaling capability: AH, DA, DB, DD, DE, DS, NO, PR and TF.

The following channel interfaces for Voice Grade KNALs require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

Compatible channel interfaces are set forth in 6.1.2(A)(1) preceding.

(x) TR-NWT-000335, Issue 3, replaces TR-000335, Issue 2, in its entirety.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)(C) Voice Grade DNAL (Cont'd)(4) Optional Features and Functions(a) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade DNALs. C-Type conditioning controls attenuation distortion and envelope delay distortion.

In addition, a customer may require that either the attenuation distortion or the envelope delay distortion, or both, be improved to more stringent specifications than those provided for C-Type conditioning. In these cases the customer has the option of ordering either Improved Attenuation Distortion or Improved Envelope Delay Distortion, or both, as needed.

(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:

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)(C) Voice Grade DNAL (Cont'd)(4) Optional Features and Functions (Cont'd)(a) Conditioning (Cont'd)(1) C-Type Conditioning (Cont'd)

Attenuation Distortion
(Frequency Response)
Relative to 1004 Hz

Frequency Variation
Range (Hz) (dB)

504-2804	-1.0 to +3.0
304-3804	-2.0 to +6.0

Envelope Delay
Distortion
Variation
Frequency (micro-
Range (Hz) seconds)

1004-2604	≤	500
604-2604	≤	1500
504-2804	≤	3000

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)(C) Voice Grade DNAL (Cont'd)(4) Optional Features and Functions (Cont'd)(a) Conditioning (Cont'd)(2) Improved Attenuation Distortion

Improved attenuation distortion is provided for additional control of attenuation distortion. The improved attenuation distortion specifications are:

Attenuation Distortion
(Frequency Response)
Relative to 1004 Hz

<u>Frequency</u> <u>Range (Hz)</u>	<u>Variation</u> <u>(dB)</u>
---------------------------------------	---------------------------------

404-2804	-1.0 to +2.0
304-3004	-1.0 to +3.0
304-3204	-2.0 to +6.0

(3) Improved Envelope Delay Distortion

Improved envelope delay distortion is provided for additional control of envelope delay distortion. The improved envelope delay distortion specifications are:

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)(C) Voice Grade DNAL (Cont'd)(4) Optional Features and Functions (Cont'd)(a) Conditioning (Cont'd)(3) Improved Attenuation Distortion (Cont'd)

<u>Envelope Delay Distortion</u>	
<u>Frequency Range (Hz)</u>	<u>Variation (micro- seconds)</u>
1004-2604	< 100
804-2604	< 200
604-2604	< 300
504-2804	< 600
504-3004	< 3000

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6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)(C) Voice Grade DNAL (Cont'd)(4) Optional Features and Functions (Cont'd)(b) Improved Termination and Improved Return Loss

- (1) Improved Termination - On Effective Four-Wire Transmission at Four-Wire Point of Termination (applicable to each four-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 Termination parameters are delineated in Technical Reference TR-NWT-000335, Issue 3. (C)(x)
(C)(x)
- (2) Improved Return Loss - 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, Issue 3. (C)(x)
(C)(x)

(x) TR-NWT-000335, Issue 3, replaces TR-NPL-000335 in its entirety.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)(C) Voice Grade DNAL (Cont'd)(4) Optional Features and Functions (Cont'd)(c) Data Capability

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.

The Signal to C-Notched Noise Ratio and intermodulation distortion parameters for Data Capability are:

(1) Signal to C-Notched Noise Ratio is equal to or greater than 32 dB.

(2) Intermodulation Distortion:

Signal to second order modulation products (R2) is equal to or greater than 38 dB.

Signal to third order modulation products (R3) is equal to or greater than 42 dB.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)(C) Voice Grade DNAL (Cont'd)(4) Optional Features and Functions (Cont'd)(d) Effective Four-Wire Transmission with Two-Wire Interface

When a customer requests that an effective Four-Wire channel be terminated with a Two-Wire interface at the customer designated premises, then this optional feature applies. Placement of Telephone Company Equipment (Hybrid) is required at the customer's premises to convert the Four-Wire channel to the Two-Wire POT. When this option is ordered, a Four-Wire channel termination charge applies. Per the voice grade technical references, certain voice grade DNALs are always provisioned as Four-Wire and will be billed as a Four-Wire Channel Termination.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided as either Common Switching or Transport Termination options.

The following is a list of the Telephone Company's Open Network Architecture (ONA) Switched Access Basic Service Elements (BSEs) which provides a mapping from the industry standard feature name to the product name utilized in this tariff. (C)

<u>GENERIC NAME</u>	<u>TELEPHONE COMPANY PRODUCT NAME</u>
Answer Supervision With A Line Side Interface	Answer Supervision With A Line Side Interface
Calling Billing Number Delivery - FG B Protocol - FG D Protocol	Automatic Number Identification
Carrier Selection On Reverse Charge	Toll Free Access Service
Make Busy Key	Make Busy Arrangement
Message Desk (SMDI) Message Waiting Indicator - Activation (audible)	Messaging Services Interface
Alternate Routing	Alternate Traffic Routing
Called Directory Number Delivery via DID	Direct Inward Dialing Service
DID Trunk Queuing	DID Trunk Queuing

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

<u>GENERIC NAME</u>	<u>TELEPHONE COMPANY PRODUCT NAME</u>
Multiline Hunt Group	Hunting Service Arrangement
Multiline Hunt Group	Hunting Service Arrangement Circular
Multiline Hunt Group	Hunting Service Arrangement Preferred
Multiline Hunt Group - Individual Access To Each Port In Hunt Group	Non-Hunt Directory Numbers
Multiline Hunt Group - Uniform Call Distribution Line Hunting	Uniform Call Distribution
Multiline Hunt Group - Uniform Call Distribution With Queuing	
Three-Way Call Transfer	Three-Way Call Transfer
Three-Way Calling	Three-Way Calling
Flexible ANI Information Digits	Flexible Automatic Number Identification

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available(A) Call Denial on Line or Hunt Group (Optional Feature)

This screening option limits terminating Lineside BSA and Feature Group A calls to completion within the LATA where the Lineside BSA and Feature Group A line resides. InterLATA and international calls are blocked as well as calls which may potentially terminate outside the LATA. Examples of such calls are:

- Operator-handled calls (0-, 00-);
- Calls to 950 NXX codes;
- Calls to the 900 NPA;
- Calls prefixed with 101XXXX

This list does not necessarily include all the types of calls which may be blocked in a given jurisdiction.

Terminating Lineside BSA and Feature Group A calls to the Toll Free NPA are not blocked under this option.

When this option is chosen in jurisdictions where intraLATA competition is permitted, the Telephone Company completes all terminating intraLATA calls since the 101XXXX prefix is blocked.

Blocked calls are routed to a reorder tone or recorded announcement. This feature is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices. This option is available with Lineside BSA and Feature Group A.

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ACCESS SERVICE

66. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(B) Hunt Group Arrangement (Optional Feature)

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. MTS/WATS-type FX/ONAL FGA services cannot be mixed in the same hunt group arrangement. Additionally, multiple customers providing service to the same end user may not be combined in a single hunt group unless the Switched Transport mileage band for each customer is the same, i.e., the distance between the customer's serving wire center and the dial tone office to which service is ordered.

(C) Service Code Denial on Line or Hunt Group

This option allows for the screening of terminating Lineside BSA and FGA calls to disallow completion of calls to 0-, 555 and N11 (e.g., 411, (800) 275-2355 and 911). This feature is provided where available in all Telephone Company electronic end offices and electromechanical end offices. It is available with Lineside BSA and FGA.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(D) Uniform Call Distribution (Optional Feature and BSE)

When an incoming call to the Directory Number (DN) of the multiline hunt group (MLHG) is received, hunting should begin at the start-hunt terminal and proceed as a circular hunt.

When an idle terminal is found, the call should be completed, and immediately (even before another call attempts to terminate) a new circular hunt should begin for an idle terminal. This hunt should begin at the terminal number after the one that the call was just completed. When an idle terminal is found, the hunt should stop and the idle terminal number should be stored as the start-hunt terminal for the next incoming call to the DN of the MLHG. If no idle terminal is found after a complete circular hunt is made, the stored-hunt DN should be the DN of the last completed call.

If an incoming call is not to the DN of the MLHG but to a DN associated with one of the terminals of the MLHG instead, the start-hunt terminal as defined above for Uniform Call Distribution (UCD) should not be used. Instead, the incoming call should be directed to the terminal associated with the called DN directly. If the called DN terminal is busy, a circular hunt should begin at the called DN terminal and continue until an idle terminal is found. If none is found, the incoming call should be given busy treatment. In either case, the next incoming call to the MLHG DN uses a start-hunt number as determined above, which is unaffected by the call to a terminal's direct DN.

Calls made to a UCD MLHG equipped with the queuing feature will complete immediately if there is an idle terminal in the UCD hunt group. However, if all terminals in the UCD hunt group are busy, the call is placed on queue and waits its turn to be served.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(D) Uniform Call Distribution (Optional Feature and BSE) (Cont'd)

The call that has been on queue the longest will be the first call served when a line becomes available. The customer determines the maximum number of calls that can be placed on queue. If the incoming call cannot be placed on queue, the calling party receives busy tone. It is available with Lineside BSA and Feature Group A.

(E) Non-Hunt Directory Numbers (Optional Feature and BSE)

This option provides an arrangement for an individual line within a multiline hunt or uniform call distribution group that provides access to that line 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. Where available, this feature is provided in Telephone Company electronic end offices only. It is available with Lineside BSA and Feature Group A.

(F) Automatic Number Identification (ANI) (Optional Feature and BSE)

This option provides the automatic transmission of a seven or ten digit number and information digits to the customer's premises for calls originating in the LATA, to identify the calling station. This option includes provision of originating line screening information for the line from which the call originates. The ANI feature is an end office software function which is associated on a call-by-call basis with (1) all individual transmission paths in a trunk group routed directly between an end office and a customer's premises or, where technically feasible, with (2) 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's premises.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs where available (Cont'd)(F) Automatic Number Identification (ANI) (Optional Feature and BSE) (Cont'd)

The seven digit ANI telephone number is available with Trunkside BSA - 950 Option and Feature Group B. With these Feature Groups, technical limitations may exist in Telephone Company switching facilities which requires ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except those originating from coin stations and coinless pay telephones using Trunkside BSA - 950 Option and Feature Group B, or when an ANI failure has occurred. (D)

The ten digit ANI telephone number is only available with Trunkside BSA-101XXXX Option and Feature Group D. When out of band signaling is specified, the customer may obtain an ANI equivalent by ordering the Charge Number optional feature, as specified in 6.4.1(Y) following. The ten-digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven-digit ANI telephone number. The ten-digit ANI telephone number will be transmitted on all calls except when an ANI failure has occurred, in which case only the NPA will be transmitted (in addition to the information digit described following). (D)
(T)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(F) Automatic Number Identification (ANI) (Optional Feature and BSE) (Cont'd)

Where ANI cannot be provided, information digits will be provided to the customer. (D)

The information digits identify: (1) telephone number is the station billing number - no special treatment required, (2) 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, (3) hotel/motel originated call which requires room number identification, (4) coinless station, hospital, inmate, etc. call which requires special screening or handling by the customer, and (5) call is an Automatic Identified Outwarded Dialed (AIOD) call from customer premises equipment. The 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 available with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and Feature Groups B and D. (D) (T) (T) (T)

These information digits will be transmitted as agreed to by the customer and the Telephone Company.

The ANI feature can be used for billing and collection, routing, screening, and completion of the originating telephone subscriber's call or transaction, or for services directly related to the originating telephone subscriber's call or transaction;

ANI shall not be reused or sold without first (A) notifying the originating telephone subscriber and (B) obtaining the affirmative consent of such subscriber for such reuse or sale; and

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(F) Automatic Number Identification (ANI) (Optional Feature and BSE) (Cont'd)

ANI or any information derived from ANI shall not be disclosed except as permitted by (1) and (2) above for any purpose other than (i) performing the services or transactions that are the subject of the originating telephone subscriber's call, (ii) ensuring network performance security, and the effectiveness of call delivery, (iii) compiling, using, and disclosing aggregate information, and (iv) complying with applicable law or legal process.

(G) Up to 7 Digit Outpulsing of Access Digits to Customer (Optional Feature)

This option provides for the end office capability of providing up to 7 digits of the uniform access code (950-XXXX) to the customer's 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's premises using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that feature were provided. It is available with Trunkside BSA - 950 Option and Feature Group B.

(H) Reserved for Future Use

(C)

(D)

(D)

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(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(I) Reserved for Future Use(J) Reserved for Future Use(K) Reserved for Future Use(L) Service Class Routing (Optional Feature)

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 or hotel/motel), service prefix indicator (e.g., 0-, 00-, 0+, 01+ or 011+) or service access code (e.g., Toll Free or 900). It is provided in suitably equipped end office or access tandem switches and is available with Trunkside BSA-101XXXX Option and Feature Group D.

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Nonchargeable Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSE Where Available
(Cont'd)(M) Alternate Traffic Routing (Optional Feature and BSE)

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. This option is provided in suitably equipped end office or access tandem switches and is available with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option (D) and Feature Groups B or D. This option may not be used (D) in conjunction with the Tandem Access Sectorization Feature specified in Section 6.8.19.

(N) Reserved for Future Use (N)(O) Reserved for Future Use (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Chargeable Common Switching Optional Features and BSEs Where Available (Cont'd)(P) International Carrier Option (Optional Feature)

This option allows for Trunkside BSA-101XXXX Option and 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. It is available with Trunkside BSA-101XXXX Option and Feature Group D.

(Q) Reserved for Future Use

(C)

(D)

(D)

(R) Overflow Advance Arrangement for Use with WATS Access Line Service (Optional Feature)

This option, which is provided in association with two or more WATS Access Line Service Groups, provides for the automatic overflow of calls to a WATS Access Line Service Group, when that group has exceeded its call capacity or to another WATS Access Line Service Group with a numeric designation equal to or greater than that of the overflowing WATS Access Line Service Groups. This arrangement does not provide for call overflow from a group with a higher numeric designation to one with a lower one.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)(S) Code Screening for Use with WATS Access Line Service
(Optional Feature)

This option provides the ability to verify that the originating party is dialing a geographically predesignated (bound) area, or an unbound area, called party address. This option is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices in which WATS Access Line Services are provided. It is available with Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, and Feature Groups A, B, and D.

(D)
(D)

The screening portion of this option which allows for the screening of intraLATA calls is required when intraLATA competition is prohibited by the state jurisdiction in which service is provided. Such screening may be used by the Telephone Company to block intraLATA calls.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(T) Hunt Group Arrangement for Use with WATS Access Lines Service (Optional Feature)

This option provides the ability to sequentially access one of two or more WATS Access Line Service (e.g., Toll Free Service access lines) in the terminating direction, when the hunting number of the WATS Access Line Service group is forwarded from the customer to the Telephone Company. This feature is provided in all Telephone Company end offices in which WATS Access Line Service is provided. It is available with Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and Feature Groups A, B, and D.

(D)
(D)(U) Uniform Call Distribution Arrangement for Use with WATS Access Line Service (Optional Feature)

This option provides a type of multiline hunting arrangement which provides for an even distribution of terminating calls among the available WATS Access Line Service in the hunt group. Where available, this feature is only provided in Telephone Company electronic end offices in which WATS or Access Line Service is provided. For WATS Access Lines it is available with Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and Feature Groups A, B, and D.

(D)
(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(V) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service (Optional Feature)

This option provides an arrangement for an individual WATS Access Line Service within a multiline hunt or uniform call distribution group that provides access to that WATS or Access Line Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the non hunting number is dialed. Where available, this feature is only provided in Telephone Company electronic end offices in which WATS Access Line Service is provided. It is available with Lineside BSA, Trunkside BSA, - 950 Option, Trunkside BSA-101XXXX Option and Feature Groups A, B, and D. (D)

(W) Toll Billing Exception (Optional Feature)

This option provides an arrangement for the screening and blocking of calls where technically feasible, placed through Operator Services System equipment, which terminate on Lineside BSA or Feature Group A on a collect basis, and prevents calls from being billed to a Feature Group A number on a third party basis. It will not block calls made from non-operator services handling, Independent Telephone Company calls that are not operator services handled, or cord board assisted calls. The option is available on Lineside BSA and Feature Group A only. (D)

(X) Calling Party Number (CPN) (Optional Feature)

This option provides for the automatic transmission of the calling party's ten-digit telephone number 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 as the calling station's charge number. The specific protocol for CPN is contained in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and in Technical Reference GR-905-CORE, Issue 11. This feature is available only with originating Trunkside BSA-101XXXX Option and Feature Group D when out of band signaling is specified.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(X) Calling Party Number (CPN) (Optional Feature) (Cont'd)

The Telephone Company will transmit a "privacy indicator" as part of the CPN information in those jurisdictions where end users may elect that their CPN information not be passed to the called party, and where an end user has taken the actions necessary to ensure that their CPN is so blocked.

(Y) Charge Number (CN) (Optional Feature and BSE)

This option provides for the automatic transmission of the ten-digit billing number of the calling station number and originating line information. The specific protocol for CN is contained in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and Technical Reference GR-905-CORE, Issue 11. This feature is available only with originating Trunkside BSA-101XXXX Option and Feature Group D when out of band signaling is specified. (C)(x)

The Charge Number feature can be used for billing and collection, routing, screening, and completion of the originating telephone subscriber's call or transaction, or for services directly related to the originating telephone subscriber's call or transaction;

Charge Numbers shall not be reused or sold without first (A) notifying the originating telephone subscriber and (B) obtaining the affirmative consent of such subscriber for such reuse or sale; and

Charge Numbers or any information derived from ANI shall not be disclosed except as permitted by (1) and (2) above for any purpose other than (i) performing the services or transactions that are the subject of the originating telephone subscriber's call, (ii) ensuring network performance security, and the effectiveness of call delivery, (iii) compiling, using, and disclosing aggregate information, and (iv) complying with applicable law or legal process.

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000905 in its entirety.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(Z) Carrier Selection Parameter (CSP)* (Optional Feature)

This option provides for the automatic transmission of a signaling indicator which signifies to the customer whether the call being processed originated from a presubscribed end user of that customer. The specific protocol for CSP is contained in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and Technical Reference GR-905-CORE, Issue 11. This feature is available only with originating Trunkside BSA-101XXXX Option and Feature Group D when out of band signaling is specified.

(T)
(C)(x)(AA) Access Transport Parameter (ATP) (Optional Feature)

This option provides for the transmission of CPE compatibility information from the originating switch to the customer's premises and, on terminating access, from the customer's premises to the terminating switch. All of the information is supplied by the calling party. This feature is available only with originating Trunkside BSA-101XXXX Option and Feature Group D when out of band signaling is specified. The specific protocol for ATP is contained in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Supplement, and Technical Reference GR-905-CORE, Issue 11.

(C)(x)

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000905 and TR-TSV-000962 in their entirety.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(AB) Answer Supervision With a Line Side Interface (BSE)

This option provides an answer supervisory signal to the customer premises for terminating calls to indicate the called location has returned an answer supervisory signal to the Telephone Company end office where the customer's Lineside BSA open end (dial tone end office) is located. This option is only available from appropriately equipped Telephone Company electronic end office switches. It is available with Lineside BSA only.

(AC) Hunting Service Arrangements (BSE)

This feature offers the ability to sequentially access terminals in a hunt group, beginning with the start-hunt terminal until an idle terminal is found or the last terminal number is reached, when the access number of the line group is dialed. If all terminals are busy, a busy tone will be returned to the calling party. It is available with Lineside BSA.

(AD) Hunting Service Arrangements: Preferred (BSE)

This option allows a separate hunting list to be associated with each terminal in a hunt group. When a call is made directly to a busy terminal with a MLHG equipped with preferential hunting, a linear hunt is performed over the special ordered list of preferential hunt terminals. The call will terminate at the first idle terminal in the preferential hunt list. If all of terminals in the preferential hunt are busy, then a secondary hunt should be conducted over all of the terminals. The secondary hunt will be in the regular hunt sequence, not the preferential list. This feature is not available with the Uniform Call Distribution and Non-Hunt Numbers features. This feature is available with Lineside BSA.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(AE) Hunting Service Arrangements: Circular (BSE)

This feature offers the ability to sequentially access terminals in a hunt group, with the hunt sequence starting over again at the start-hunt terminal if all terminals are busy. If all terminals are busy in the second pass, a busy tone will be returned to the calling party. This feature is available with Lineside BSA.

(AF) Three-Way Call Transfer (BSE)

This option gives the customer the capability of including another end user on an already established call. After establishing the call, the customer may drop his connection without disconnecting the two end users. While the two end users are connected, usage continues to be recorded and will be charged to the customer. This option is available from appropriately equipped electronic offices. In some switches the customer and originating end user must be served out of the same central office in order for the customer to drop off of the line and keep the two end users connected. This feature is available with Lineside BSA.

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6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)(AG) Messaging Services Interface (BSE)

Messaging Services Interface provides messaging capability on an intraswitch basis. This option provides for the call status information of a call terminating on Lineside BSA hunting arrangement. This option provides the calling number, called number, the identification of the called multiline hunt group assigned to the customer's end user, and the call reason. In addition, the option provides the ability to activate or deactivate Message Waiting Indication. Message Waiting Indication may be activated as long as the service where Message Waiting indication is to be activated is equipped with the message waiting feature. The call status information is transmitted to the customer's premises and the signal to activate or deactivate Message Waiting Indication is transmitted from the customer's message desk terminal equipment. The customer shall provide the appropriate customer premises equipment (CPE) to store, display, or print out the transmitted call status information and the equipment to initiate the signal to activate or deactivate Message Waiting Indication. This option is only available from appropriately equipped Telephone Company electronic end office switches. The customer subscribing solely to MSI service shall obtain a Voice Grade Dedicated Network Link as set forth in Section 6.3.3 preceding to each and every Telephone Company central office switch where the capability is desired. The capabilities are available with Lineside BSA with multiline hunt group arrangement.

Premier Messaging Services Interface (PMSI)

Premier Messaging Services Interface (PMSI) is an optional enhancement to Messaging Services Interface (BSE). PMSI is similar to Messaging Services Interface (BSE), except that it utilizes the Signalling System 7 (SS7) Network to pass calling and called number information between central offices. With PMSI capability, the customer is not required to obtain a Voice Grade Dedicated Network Link to each Telephone Company central office switch where messaging capability is desired. With PMSI, the customer can provide messaging capability to all end users in a LATA area provided those end users reside in central offices that are interconnected via SS7 and are equipped with the required software. PMSI requires MSI service between the customer's equipment and at least one central office.

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6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)

(AG) (Cont'd)

Signaling System 7 Message Waiting Indicator (SS7MWI)
Signaling Service

- (1) Signaling System 7 Message Waiting Indicator (SS7MWI) Signaling Service permits the customer to provide Signaling System 7 (SS7) Message Waiting Indicator (MWI) Transaction Capabilities Application Part (TCAP) messages to the Telephone Company for delivery to Telephone Company switches that serve suitably equipped lines of those end users who subscribe to the customer's voice messaging service. MWI TCAP messages are originated by the customer's equipment, i.e., (C)
Voicemail Platform, and addressed and delivered to (C)
a designated Telephone Company Signaling Transfer Point (STP) pair in the LATA in which the customer's subscribing end user receives service.
- (2) The Telephone Company uses its SS7 capabilities to determine the switch serving the end user, and to deliver the MWI TCAP message to that switch. The message causes the switch to set or reset MWI on the end user's line. These messages allow the customer to notify its end user that voice messages are awaiting retrieval, or to clear the message waiting notification once the end user has acknowledged those messages.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)

(AG) (Cont'd)

Signaling System 7 Message Waiting Indicator (SS7MWI)
Signaling Service

(N)

- (3) SS7MWI Signaling Service is offered only to provide signaling to Telephone Company switches within the LATA in which the signaling was handed off to the Telephone Company, and will be available only in LATAs where the Telephone Company has STPs available to accept SS7 messages associated with the service. A list of LATAs where the Telephone Company has STPs follows in this section. The customer must hand-off only those messages that are intended for end users served by capable Telephone Company switches in that LATA.
- (4) SS7MWI Signaling Service is not available in LATAs where the Telephone company does not have STPs. In those LATAs, services utilizing a Messaging Service Interface (MSI) or Premier Messaging Service Interface (PMSI) can be used to communicate message waiting status to end users' lines. In the event that STPs are deployed in any of those LATAs subsequent to issuance of this tariff, the Telephone Company will offer the service in those LATAs. In the event that the Telephone Company removes STPs from one or more LATAs, it can no longer offer the service in that LATA. In such event, the Telephone Company will provide at least 90 days prior notice of the pending removal of the STPs. Following such removal, the customer will have the option of purchasing Messaging Service Interface (MSI) or Premier Messaging Service Interface (PMSI) service as set forth in this section preceding, 6.4.1(AG).

(N)

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6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)

(AG) (Cont'd)

Signaling System 7 Message Waiting Indicator (SS7MWI)
Signaling Service(Cont'd)

- (5) Additionally, SS7MWI Signaling Service can only be used to update MWI for end users served from suitably equipped switching equipment in designated LATA STP's which are capable of responding appropriately to MWI TCAP messages.
- (6) The customer is responsible for obtaining SS7 interconnection directly from Verizon under the provisions of Section 6.4.3 of this tariff. The customer of record for the SS7 interconnection shall also be the customer of record for SS7MWI Signaling Service. In the event that the customer chooses to use another SS7 provider to interconnect with Verizon, the customer shall be unable to receive the SS7MWI Signaling Service, and will have to make separate arrangements with the SS7 provider.
- (7) SS7MWI Signaling Service shall be ordered separately for each STP pair in each LATA requiring the service. Each such order will be considered a messaging arrangement. Each ASR submitted will contain no more than two (a Primary and a Secondary) Voicemail Platforms per messaging arrangement. If a customer seeks to connect more than two Voicemail Platforms to a given Telephone Company STP pair, an additional ASR will be required for each additional pair of Voicemail Platforms per STP pair in a LATA.

(N)

(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AG) (Cont'd)

Signaling System 7 Message Waiting Indicator (SS7MWI) Signaling Service(Cont'd)

(8) A monthly recurring charge as set forth in Section 6.9.12 following applies per messaging arrangement to allow for the transmission of SS7MWI Signaling Service with the exception of LATAs 224, 228, and 236. Because of the volume of traffic in LATAs 224, 228, and 236, the Company has deployed two STP pairs in each of those LATAs and two messaging arrangements are required to achieve full LATA-wide coverage for each pair of Voicemail Platforms connected to SS7MWI. In those three LATAs only, the monthly recurring charge applies for each pair of messaging arrangements.

(9) LATAs Served:

<u>LATA</u>	<u>LATA NAME</u>	
222	DELAWARE VALLEY NJ	
224	NORTH JERSEY NJ	
226	CAPITAL PENNSYLVANIA	
228	PHILADELPHIA PA	(D)
232	NORTHEAST PA	
234	PITTSBURGH PA	
236	WASHINGTON DC	
238	BALTIMORE MARYLAND	(D)
244	ROANOKE VIRGINIA	
248	RICHMOND VIRGINIA	(D)
252	NORFOLK VIRGINIA	

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(AH) Make Busy Arrangements (BSE)

This option allows a customer to busy out a group of lines and to reroute incoming traffic from one group of lines to another group of associated lines, if the customer has more than one group of lines. This option requires a compatible Special Access Voice Grade facility as specified in Section 7.2.3 following. This option is available with Lineside BSA.

This option provides the capability to place one or more lines of a Lineside BSA with multiline hunt group arrangement in a busy or overflow condition. Once the capability is activated, subsequent calls to the lines placed in the busy or overflow condition may be directed to a central office tone, central office announcement or when a remote call forwarding feature is ordered, to an alternate service. The capability is activated by a customer provided key at the customer's premises. The activation signal is transmitted to the Telephone Company central office with the use of a Metallic or Voice Grade Dedicated Network Access Link as set forth in section 6.3.3 preceding. The option is available with Lineside BSA.

(AI) Three-Way Calling (BSE)

This option permits a customer who has established a call using a Lineside BSA to establish a call to a third party. The customer may talk privately with the third party or may add the third party to the call to establish a three way conference call. The customer may also disconnect the third party to reestablish the original two party connection. Once the three-way conference call has been established, if the customer disconnects, the call will be terminated. The option is available with Lineside BSA.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)(AJ) 950 on FGD Optional Feature

Feature Group D (FGD) Access Service, as set forth in 6.2.4 preceding, may be ordered to route calls from a designated 950-XXXX access code to FGD access service. When a customer has FGD access service and does not have Feature Group B access service from a particular end office, 950 on FGD may be ordered to activate a customer's designated 950-XXXX access code in that end office. This will allow the Company to direct those designated 950-XXXX calls dialed by the customer's end users to the customer's FGD access service.

When a customer has both FGB and FGD access service and orders 950 on FGD in a particular end office, the Telephone Company will direct those designated 950-XXXX calls dialed by the customer's end users to the customer's FGD access service at that end office.

In both methods, the customer must be prepared to handle normally dialed FGD calls, as well as calls dialed with the designated 950-XXXX access code which requires the customer to receive additional address signaling. Such calls will be rated as FGD.

950 on FGD will be provided from Telephone Company end offices and tandems, where technically feasible. 950 on FGD is only available to customers utilizing a four digit CIC. The customer must specify the end office where 950 on FGD is to be activated to allow calls from a designated 950-XXXX access code to be routed over FGD access service. The customer is precluded from having originating 950 on FGD and originating FGB in the same end office utilizing the same 950-XXXX CIC.

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6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(AK) Flexible Automatic Number Identification (BSE)/Optional Feature

Flexible ANI is a network enhancement to the Local Switching Optional Feature offering of Automatic Number Identification (ANI). The enhancement is a software based activation that will provide new and future information indicator (ii) digits activated through switched software program updates.

Flexible Automatic Number Identification enhances the existing Automatic Number Identification (ANI) BSE and Charge Number BSE by allowing Trunkside BSA-101XXXX Option and Feature Group D customers to receive additional information indicator (ii) digits. Flexible Automatic Number Identification will provide additional values for these ii digits over and above the values currently available with the ANI and Charge Number Optional Feature BSEs, and will be used to identify additional call types, i.e., call from WATS lines and private virtual networks. Originating line screening information for the line from which the call originates is also available with this feature.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(AK) Flexible Automatic Number Identification (BSE)/Optional Feature (Cont'd)

Customers who have the ANI or Charge Number Optional Feature BSEs, but do not order Flexible Automatic Number Identification, will continue to receive the standard ii digits or originating line information. Flexible Automatic Number Identification ii digits will be assigned by the North American Numbering Plan Administrator.

This service is only available with Feature Group D Trunkside BSA-101XXXX Option served by suitably equipped Telephone Company central offices and will be subject to a charge as specified in section 6.9.2(A)(1) following.

Customers subscribing to the Flexible ANI Optional Feature or BSE will receive all currently available Automatic Number Identification digits within the Telephone Company Central Office. As the technology becomes available, central offices will be upgraded to provide additional digits for all users.

The incremental cost to implement Flexible ANI payphone coding digits will be charged to all Payphone Service Providers on a monthly basis, per line, as set forth in 6.9.2(A)(1) following, to be recovered over 24 months commencing November 1, 1998 and ending October 31, 2000.

A nonrecurring charge will apply as set forth in section 6.9.2(A) following, except when this option is used to identify calls originating from payphone access service lines for per-call compensation.

(AL) Direct Inward Dialing (DID) Service (BSE)

This option permits the central office switch to deliver all or part of the called telephone number to the customer premises at the time the call is established. When number translations have occurred, e.g., Toll Free calls, the number delivered is not the called number, but is the translated number. This option is only available in the originating direction at Telephone Company designated end office switches. This option is arranged for originating calling only and is only available on one-way originating trunks.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AL) Direct Inward Dialing (DID) Service (BSE) (Cont'd)

This option provides a trunk side termination with line treatment at the first point of switching. This option can be provided with Dial Pulse (DP) address signaling. Dual Tone Multifrequency (DTMF) address signaling is available at the option of the customer when the arrangement is provided at suitably equipped end office switches.

The DP or DTMF address signaling delivers the called telephone number only and no other address signaling is provided by the Telephone Company. Additional address signaling, 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 Switched Transport provided.

A seven digit local telephone number assigned by the Telephone Company is provided for access to this option in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is in the form of NXX-XXXX. A maximum of forty telephone numbers will be provisioned per trunk. Subsequent requests for numbers, up to the maximum of 40 telephone numbers per trunk, added after the establishment of DID Service will be subject to the charge as specified in section 6.8.1(C)(2) following, per request.

The customer has no property right to the telephone number or any other call number designation associated with DID Service furnished by the Telephone Company, and no right to the continuance of service through any particular central office. The Telephone Company reserves the right to change such numbers, or the central office designation associated with such numbers, or both, assigned to the customer, whenever the Telephone Company deems it necessary to do so in the conduct of its business.

If the customer requests a specific seven digit telephone number(s) that is not currently assigned, and the Telephone Company can, with reasonable effort, comply with that request, the requested number(s) will be assigned to the customer.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(AL) Direct Inward Dialing (DID) Service (BSE) (Cont'd)

The number of digits forwarded by the central office switch is determined at the time the service is ordered. Up to seven-digit outpulsing of the called telephone number is provided to the customer's premises.

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Terminating service is not provided. Other Lineside BSA features or BSEs, except DID Trunk Queuing BSE, are not available in conjunction with this BSE. This option is available with Lineside BSA only.

(AM) DID Trunk Queuing (BSE)

This option provides queuing for Direct Inward Dialing Service. This feature permits calls to be completed immediately if the Direct Inward Dialing Service has an idle terminal, but when all terminals associated with the Direct Inward Dialing Service are busy, to place the call in a queue to wait its turn to be served. While the call is in the queue, an audible ringing tone is provided. This option is only available from LAESS Telephone Company end office switches. It is only available with Lineside BSA with the Direct Inward Dialing Service BSE.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)(AN) 900 Access Service (Optional Feature)

Originating 900 Access Service is a trunk side switched service that is available to the customer, at their option, via 900 Access Service trunks or trunk groups or in conjunction with Trunkside BSA-101XXXX Option or Feature Group D. 900 Access Service traffic provided in conjunction with Trunkside BSA-101XXXX Option or FGD, is delivered on the same trunk group as non-900 Access Service traffic. (D)

When a 900+NXX+XXXX call is originated by an end user, the Telephone Company will perform six digit screening of the dialed 900 NXX digits to identify the designated 900 customer. The call is routed based on the six digit screening function. If the call originates from an end office not equipped to perform the six digit screening function, the call will be routed to a switch with such capability. (D)

The manner in which 900 Access Service is provided depends on whether the end office from which the call originates has the six digit screening capability. Additionally, provision of 900 Access Service is subject to the criteria specified in 6.6.2 following. In equal access end offices with six digit screening capability, served either on a direct or tandem basis, 900 Access Service will be provided via Trunkside BSA-101XXXX Option or Feature Group D trunks and will utilize exchange access signaling. (D)

In equal access end offices lacking the six digit screening capability, the call will be delivered utilizing conventional signaling, via an access tandem, to the customer over 900 Access Service or Trunkside BSA-101XXXX Option or Feature Group D trunks, at the customer's option. Provided the customer has the option of receiving both

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)(AN) 900 Access Service (Optional Feature) (Cont'd)

conventional and exchange access signaling over Trunkside BSA-101XXXX Option and Feature Group D trunks. 900 Access Service can be provided from equal access end offices via a Feature Group D trunk group from an access tandem to the customer's premises if the customer can accept, on that trunk group, both exchange access and conventional signaling. (D)

Premium Trunkside BSA-101XXXX Option and Feature Group D rates and charges apply to 900 Access Service calls originated from end offices with equal access capability. Additionally, nonrecurring charges as specified in Section 6.1.2(B)(5) preceding and Sections 6.9.2(A)(1)(au) and 6.9.9 following also apply. (D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(AN) 900 Access Service (Optional Feature) (Cont'd)

The following 1+900 Access Service calls will be blocked by the Telephone Company:

- calls dialed with a 101XXXX access code,
- calls from Inmate Service,
- calls originated from coin telephones, and
- calls originated from hotels and motels without call rating systems.

The following 0+900 Access Service calls will be blocked by the Telephone Company:

- calls dialed with a 101XXXX access code,
- calls from Inmate Service,
- calls utilizing the Telephone Company's calling card, and
- calls originated to a customer that has not subscribed to 0+900 Access Service.

If a customer requests 0+900 Access Service, it is the customer's responsibility to ensure that 0+900 calls are provided in conjunction with the customer's credit card billing. Operator assisted calls, such as collect and third party billing, are not provided with 0+900 Access Service.

0+900 Access Service is available only when combined with 1+900 Access Service provided with FGD or Trunkside BSA-101XXXX Option.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(AN) 900 Access Service (Optional Feature) (Cont'd)Transmission Specifications

900 Access Service trunk groups are provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly from the end office either Type B or Type C is provided.
- When routed to an access tandem only Type B is provided.

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Network Controls

The Telephone Company will administer its network in such a manner that the impact of traffic surges due to peaked 900 Access Service traffic on other access service traffic is minimized. The Telephone Company may, at its option, implement network management controls (e.g., call gapping) to ensure acceptable service levels as defined in Section 6.6.1. In order to ensure deployment of adequate protective controls, the customer must provide notice of 900 mass calling events to the Telephone Company's Network Management Center at least forty-eight (48) hours prior to the event. The Telephone Company will work cooperatively with the customer to determine the appropriate type, level and duration of controls.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(AO) Switched Access Signalling Service (SASS)

Switched Access Signalling Service (SASS) is a service available to Tandem Switching Providers (TSPs) that provides the transmission of the Carrier Identification Code (CIC) and Trunk Identification (OZZ) code with Multifrequency (MF) signalling or the Transit Network Selection (TNS) parameter with Signalling System 7 (SS7) signalling. SASS is available only with FGD calls originating from Telephone Company end offices. No traffic, except the Toll Free and/or 500 exceptions noted below, will be directed to the TSP's tandem facility from the Telephone Company's access tandem. SASS is not available with Toll Free/500 Service Access Codes where query functionality does not exist. In these instances, if the TSP requests SASS for Toll Free/500 Service Access Codes, the TSP will be required to order trunks at the hubbing office where the Toll Free/500 query functionality resides.

Calls originating from the Telephone Company's end offices will be routed over dedicated one-way direct-trunked transport to the TSP's Point of Termination. The customer must specify the type of signalling desired: Multifrequency (MF) or Signalling System 7 (SS7). The CIC and OZZ (for MF) or the TNS parameter (for SS7) signalling data included in the call data stream sent to the TSP's tandem will be identical to the CIC and OZZ (for MF) or the TNS parameter (for SS7) signalling data sent to the Telephone Company's access tandem. The signalling data elements will be sent to the TSP on direct-routed traffic.

Separate originating trunks are required from each end office. The customer must comply with all technical requirements specified in Technical References GR-334-CORE, Issue 1; GR-394-CORE, Issue 8; FR-64-CORE, Issue 3; and GR-1083-CORE, Issue 5. (T)
(C)(x)
(C)(x)

The Telephone Company and the TSP must work cooperatively to ensure no duplication of trunk group numbers exist on TSP facilities to IXC's and Telephone Company facilities to IXC's. This will permit the Telephone Company to accurately identify tandem-routed traffic from Telephone Company end offices to the TSP. (T)

- (x) FR-64-CORE, Issue 3, replaces TR-NWT-000064, Issue 1 in its entirety.
GR-394-CORE, Issue 8, replaces GR-394-CORE, Issue 1, in its entirety.
GR-1083-CORE, Issue 5, replaces GR-1083-CORE, Issue 1, in its entirety.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(AO) Switched Access Signalling Service (SASS) (Cont'd)

Traffic may overflow from the TSP's facilities to the Telephone Company's facilities and from the IXC's direct-trunked transport facilities to the TSP's facilities. All overflowing traffic will originate in the end office. In the originating direction, an IXC served by a TSP must have an established presence in the Telephone Company's access tandem or have Telephone Company direct trunks in order for the Telephone Company to accept its overflow traffic. In addition, no overflowing traffic will be directed to the TSP's tandem facility from the Telephone Company's access tandem.

If a Tandem Switching Provider (TSP) elects to discontinue the Switched Access Signalling Service option from end offices after the implementation of SASS, the TSP must contact, in writing, all IXCs who have selected the TSP as their tandem or facility provider to route and deliver FGD access calls to inform them that the service is being discontinued and that the IXCs should select a new tandem-transport provider. The TSP must provide written notification to the Telephone Company that this activity has taken place.

The TSP must have separate trunks to the Telephone Company's tandem or end office if the TSP chooses to provide Terminating FGD Traffic.

If a TSP is designated as the customer of record for terminating traffic, no billing tapes are required. However, TSPs must provide terminating usage recording information to the Telephone Company if the TSP's IXC customers are designated as the customers of record for billing purposes. The TSP must provide daily transmission of the Automatic Message Accounting ("AMA") recording in the standard exchange message record format for all terminating usage that will be billed directly to their IXC customers. The Telephone Company will work cooperatively with the TSP to establish guidelines for resolving recording discrepancies between the AMA records for TSP facilities and Telephone Company trunks. To ensure consistency between the AMA records of the Telephone Company and the TSP, the TSP must adhere to the Telephone Company's FGD usage measurement guidelines set forth in Section 6.8.8(D) following.

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6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)(AO) Switched Access Signalling Service (SASS) (Cont'd)

A TSP ordering service on behalf of an IXC must provide the Telephone Company a Letter of Authorization (LOA) from the IXC indicating that the customer has agreed to allow the TSP to order from the Telephone Company on their behalf. If the IXC wishes to move their traffic to a TSP's access tandem, the TSP must provide the Telephone Company with a written Letter of Authorization.

6.4.2 Transport Termination Optional Features(A) Carrier Identification Parameter (CIP)

Carrier Identification Parameter (CIP) is an optional feature that transmits Carrier Identification Code (CIC) information to customers on originating switched access. CIP is available from Telephone Company selected end office and tandem switches in connection with originating Trunkside BSA 101XXXX Option and FGD when out of band signaling is specified. When CIP is provided, the switch will transmit the 4 digit CIC of the presubscribed line or the CIC selected when the end user places a call using 101XXXX dialing. The specific protocol for CIP is contained in Telcordia Document GR-905-CORE, Issue 1, March 1995. The interval for the customer's CIP order will be negotiated by the Telephone Company in cooperation with the customer.

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6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.2 Transport Termination Optional Features (Cont'd)(B) Rotary Dial Station Signaling (Optional Feature)

This option provides for the transmission of called party address signaling from rotary dial stations to the customer's premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with Trunkside BSA - 950 Option and Feature Group B, only on a direct trunked basis.

(C) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin (Optional Feature)

This option may be ordered to provide coin, non-coin, or combined coin and non-coin operation. It is available with Trunkside BSA-101XXXX Option and Feature Group D 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.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.2 Transport Termination Optional Features (Cont'd)(C) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin (Optional Feature) (Cont'd)

Coin:

This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating coin calls requiring operator assistance to the customer's 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.

The operator assistance coin calling arrangement is also 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 TSPS systems, rather than in the customer's manual cord boards.

Non-Coin:

This arrangement provides for the routing of 0+, 0-, 00-, 1+, 01+ or 011+ prefixed originating non-coin calls requiring operator assistance to the customer's premises. Because operator assisted non-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.

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6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.2 Transport Termination Optional Features (Cont'd)(C) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin (Optional Feature) (Cont'd)

Non-Coin: (Cont'd)

The operator assistance non-coin calling arrangement is also 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 TSPS systems, rather than in the customer's manual cord boards. When so equipped, the ANI 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 public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

Combined Coin and Non-Coin:

This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+, or 011+ prefixed originating operator assisted coin and non-coin calls requiring operator assistance to the customer's premises. Because operator assisted coin and non-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 operator services systems, rather than in the customer's manual card boards. 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 public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.2 Transport Termination Optional Features (Cont'd)(D) Operator Trunk - Full Feature (Optional Feature)

This option provides the initial coin return control function to the customer's operator. It is available with Trunkside BSA-101XXXX Option and Feature Group D and is provided as a trunk type for Transport Termination.

This option is not available in combination with out of band signaling.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.3 Switched Transport Optional Features(A) Common Channel Signaling Access Service (Optional Feature)

Common Channel Signaling Access Service (CCSAS) allows the customer to exchange signaling information for Trunkside BSA-101XXXX and FGD call set-up or Billing Validation Service over a communications path which is separate from the message path. This option is provided with Trunkside BSA-101XXXX Option and FGD with out of band signaling, and Billing Validation Service. This service includes a dedicated 56 kbps out of band signaling connection between the customer's SPOI and the Telephone Company's STP and an STP port at the Telephone Company's STP.

CCSAS is provisioned for two-way transmission of out of band signaling information.

Each CCSA Signaling Connection provides for two-way digital transmission at a speed of 56 kbps. The connection to the Telephone Company STP pair can be made from either the customer's Signaling Point (SP) which requires a minimum of two 56 kbps circuits or from the customer's STP pair which requires a minimum of four 56 kbps circuits. The STP locations are set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. Where multiple STP pairs are deployed in a LATA, Telephone Company end offices or tandems are interconnected to only one STP pair. The customer must route terminating traffic to the STP pair that serves the end office or tandem switch where the call is terminated.

If an STP pair is no longer deployed in a given LATA, the Telephone Company will designate an STP pair in another LATA from which to route SS7 signaling messages to that LATA subject to Section 20.1.3 following.

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Customers ordering CCSAS are subject to the requirements specified in 2.3.9.1, 2.3.10(B)(9) and 2.3.10(9) preceding.

When CCSAS is ordered, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer at locations, dates, and times as specified by the Telephone Company in consultation with the customer. These tests are as specified in Technical Reference GR-905-CORE, Issue 11. When 64CCC and/or ATP is ordered, the SS7 interfaces as specified in Technical Reference GR-905-CORE, Issue 11, will also be tested. Successful completion of the appropriate tests is necessary to receive CCSAS. To protect the security of the network, certain of the information provided, i.e., point codes, by the Telephone Company to the customer will be subject to a non-disclosure agreement.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.3 Switched Transport Optional Features(A) Common Channel Signaling Access Service (Optional Feature)

At the customer's request, CCSAS will be modified to accept SS7 signaling messages and protocol specified in Technical Reference GR-905-CORE, Issue 11, when Trunkside BSA-101XXXX Option and FGD with out of band signaling is provided in accordance with 6.1.2(A)(6)(e) and successful completion of testing in accordance with Technical Reference GR-905-CORE, Issue 11, is required. (C)(x) (T) (C)(x)

CCSAS is subject to the rates and charges as specified in 6.8.1(C)(2), 6.9.1(G) 6.9.1(L), and 6.9.2(A) following. A monthly recurring distance sensitive STP Mileage charge as specified in 6.9.1(L) following will be assessed on a per dedicated 56 kbps out of band signaling connection basis to transport signaling information between the customer's SPOI and the Telephone Company's STP. A monthly recurring STP Port charge as specified in 6.9.2(A) following, will be assessed on a per port basis for the customer's dedicated port at the Telephone Company's STP. A nonrecurring installation charge as specified in 6.9.1(G) following will be assessed per 56 kbps dedicated out of band signaling connection. Information concerning incidental interLATA service is set forth in section 20 following.

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000962 in its entirety.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.3 Switched Transport Optional Features(B) Billing Validation Service (Optional Feature)

Billing Validation Service (BVS) provides the customer the ability to query the billing validation data in the Telephone Company's LIDB SCP containing Telephone Company calling card numbers, Telephone Company numbers with collect or bill to third party billing restrictions and public and semi-public telephone numbers. Based upon the received query information the LIDB will respond with a SS7 formatted confirmation of validity or denial for the requested billing option. Access to the Telephone Company's LIDB provides customers with potential toll fraud detection by validating calling card and collect or third party billing restrictions and performing public telephone checks.

LIDB queries are transported, via CCSAS, from a customer's Signaling Point of Interface (SPOI) to the Telephone Company Signal Transfer Point (STP) located in the LATA where the LIDB Signaling Control Point (SCP) is located.

BVS is designed to transport LIDB queries in an out of band format that is in accordance with the technical and performance requirements as defined in Technical Reference GR-954-CORE, Issue 4. (T)
(C)(x)

BVS requires the establishment of a signaling connection between the customer's SPOI and the Telephone Company's STP. Customers must establish out of band signaling connections, as specified in 6.1.2(A)(2)(e) preceding, between its SPOI and the Telephone Company STP in the LATA where the LIDB SCP is located. Should a customer subscribe to both FGD with out of band signaling and BVS in the same LATA where the LIDB SCP is located, signaling for both services must travel over the same out of band signaling connection. The technical interface requirements as defined in Technical Reference GR-905-CORE, Issue 11, and in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, December 1990, apply to out of band signaling connections used for BVS. (C)(x)
(C)(x)
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Customers ordering BVS are subject to the requirements specified in 2.3.9, 2.3.10(A)(4) and 2.3.10(A)(8).

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000905 in its entirety.
GR-954-CORE, Issue 4, replaces TR-TSV-000954, Issue 1 in its entirety.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and
BSEs (Cont'd)

6.4.3 Switched Transport Optional Features (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and
BSEs (Cont'd)

6.4.3 Switched Transport Optional Features (Cont'd)

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6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and
BSEs (Cont'd)

6.4.3 Switched Transport Optional Features (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and
BSEs (Cont'd)

6.4.3 Switched Transport Optional Features (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.3 Switched Transport Optional Features(B) Billing Validation Service (Optional Feature) (Cont'd)

The Telephone Company's LIDB will contain a record for every working line number and Billed Number Group served by the Telephone Company. Other exchange carriers who may store their data in the Telephone Company LIDB are requested to provide this data as well.

The Telephone Company will update the LIDB information; e.g., add, delete, and modify customer accounts as customers move, become delinquent on their account, or order new service, on a daily basis. The updates do not interrupt normal processing of queries.

The Telephone Company has procedures in place to deactivate billing validation data in the event that it is being used fraudulently. Calling cards identified or suspected of being fraudulently used will be updated 7 days a week, 24 hours a day.

The Telephone Company has established a regional Fraud Center operating 24 hours a day, 7 days a week, to monitor LIDB query thresholds, analyze and investigate potential fraudulent calling, receive interexchange carrier fraud alerts, and act as a single point of contact for LIDB accessors regarding suspected fraud activity. The Center has the ability to immediately deactivate billing validation data in the event it is being used fraudulently.

End user information, pertinent to the investigation, may be shared with LIDB Validation Service customers when validation queries for the specific customer reaches the Telephone Company established fraud threshold level. This fraud threshold level will be applied uniformly to most customers, however, higher threshold levels may be established for certain customers, upon their request (i.e., customers having excessive call volumes resulting in excessive queries to LIDB).

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.3 Switched Transport Optional Features(B) Billing Validation Service (Optional Feature) (Cont'd)

When BVS is ordered, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer at locations, dates, and times as specified by the Telephone Company in consultation with the customer. These tests are as specified in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and Technical Reference GR-905-CORE, Issue 11, and successful completion is necessary to receive BVS. To protect the security of the network, certain of the information provided, i.e., point codes, by the Telephone Company to the customer will be subject to a non-disclosure agreement.

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The Telephone Company will administer its LIDB to insure the provision of acceptable service levels to all customers of the Telephone Company's BVS. During periods of BVS system congestion, an automatic call gapping procedure will be utilized to control such congestion. The automatic call gapping procedure will tell the switch the gap (how long the switch should wait before sending another query) and the duration (how long the switch should continue to perform gapping). For example, during an overload condition, the automatic call gapping procedure will tell the LIDB when to begin to drop one out of three of the queries received. This call gapping procedure will be applied uniformly to all users of the Telephone Company's BVS.

The Telephone Company maintains the right to invoke manual intervention of the automatic call gapping procedure to preserve the integrity of the network.

BVS is designed for one hundred percent (100%) availability and has a mated configuration to ensure such availability. The LIDB validation system is capable of processing up to 150 queries per second. The roundtrip response time for a query should not exceed two seconds for 99 percent of all queries.

BVS is subject to the rates and charges as specified in 6.9.1(M) following. A recurring Query Transport charge will be assessed on a per query basis to transport the LIDB query between the Telephone Company's STP and the LIDB SCP. A recurring Query Validation charge will be assessed on a per query basis for processing the LIDB query. A nonrecurring Service Establishment charge will be assessed on an originating point code basis for establishing or changing a customer's BVS.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.3 Switched Transport Optional Features(C) Toll Free* Data Base Access Service

Toll Free Data Base Access Service is an originating only trunk side service. When a Toll Free+XXX+XXXX call is originated by an end user, the Telephone Company will perform customer identification based on screening of the full ten-digits of the Toll Free number to determine the customer location to which the call is to be routed.

Customers have the option of specifying an area of service from which to receive calls. A specific area of service can be a LATA, state, region, USA, or USA/Canada/Caribbean.

Toll Free Data Base Access Service calls may be delivered to the customer directly from an end office only when the end office is equipped with Toll Free Data Base query functionality, i.e., ability to query the Toll Free Data Base to perform ten-digit customer identification. When the end office does not have Toll Free Data Base query functionality, the query is delivered to the customer from the access tandem (all access tandems have Toll Free Data Base query functionality).

Feature Group D rates and charges apply to Toll Free Data Base Access Service calls originated from end offices with equal access capability. In addition to Feature Group D usage charges, a basic query charge as specified in 6.1.2(A)(8) preceding and 6.9.1(N) following applies to each Toll Free Data Base Access Service call delivered to the customer. A basic query charge consists of customer identification [i.e., Carrier Identification Number (CIC)], delivery of the dialed Toll Free ten-digit number, ANI, and the allowable area of service, designated by the customer, from which Toll Free calls can be received.

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.

* "Toll Free" is considered to mean any access service which utilizes any of the following NPA's: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.3 Switched Transport Optional Features(C) Toll Free Data Base Access Service (Cont'd)Vertical Feature Package (VFP)

This feature package, available only with Toll Free Data Base Access Service, provides feature functionality in addition to the basic query. The feature package may include various destination options such as POTS Translation, carrier selection, time of day routing, day of week routing, specific date routing, geographic routing, routing based on percent of allocation, and emergency routing profiles.

Transmission Specifications

Toll Free Data Base Access Service is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed directly 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.

For Toll Free Data Base Access Service traffic originating from end offices with Data Base query functionality, all normal Feature Group D parameters apply.

Toll Free Data Base Access Service traffic originating from all other end offices, Type A Transmission Specifications are provided for the facility between the access tandem and the customer's facilities.

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6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)6.4.3 Switched Transport Optional Features(D) 500 Access Service

500 Access Service is a service designed to meet the needs of 500 Service Providers of Personal Communications Service (PCS) who have been assigned a 500-NXX code by the North American Numbering Plan Administrator.

500 Access Service is an originating only trunk side service. When a 500-NXX-XXXX call is originated by an end user, the Telephone Company will perform customer identification based on six-digit 500-NXX screening of the 500 number to determine the customer location to which the call is to be routed.

Customers have the option of having the Telephone Company perform additional data base processing for calls to their 500-NXX code in order to translate the dialed 500-NXX-XXXX number to a geographic NANP number (i.e. POTS) for routing of the call. This option is not available for customers that have requested 0+500-NXX-XXXX originated calls to be completed by originating end users. A switched Access rearrangement charged as specified in 6.8.1(c)(2) will apply for each subsequent order for this option.

Certain end office switches are not equipped with 500 NXX query functionality. In these instances 0+500 calls will be routed to a Telephone Company operator switch which will translate the 0+500 NXX number and route the call. Customers will be required to provide trunks at the operator switch. 1+500 calls will be routed to a Telephone Company hubbing office equipped with 500 NXX functionality.

Feature Group D rates and charges apply to 500 Access Service calls originated from end offices with equal access capability. The query charge as specified in 6.9.1 following applies to each 500 Access Service call delivered to the customer. A query charge consists of customer identification [i.e., Carrier Identification Code (CIC) or Trunk Group], delivery of the dialed 500 number or POTS translation of the dialed 500 number, ANI, from the allowable area of service.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 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 Switched Access Service, the Interface Group and whether the service is directly routed or via an access tandem. The available transmission specifications are set forth in 6.5.1 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 6.5.2(A) or 6.5.2(B) 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 the effective date of this tariff except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at performance levels specified in this tariff.

The transmission specifications contained in this Section are immediate action limits. Acceptance limits are set forth in Technical Reference GR-334-CORE, Issue 1. This Technical Reference also provides the basis for determining Switched Access service maintenance limits. Transmission specifications for out of band signaling connections are set forth in the Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and in Technical Reference GR-905-CORE, Issue 11. (C)(x)

Transmission specifications for 64 Clear Channel Capability, when provisioned with Trunkside BSA-101XXXX Option or FGD with out of band signaling, are set forth in Technical Reference GR-334-CORE, Issue 1. (C)(x)
(C)(x)

- (x) GR-334-CORE, Issue 1, replaces TR-NPL-000334 and TR-NWT-000938 in their entirety.
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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.1 Standard Transmission Specifications

Following are descriptions of the three Standard Transmission Specifications available with Switched Access Services. The specific applications in terms of the Switched Access Services and Interface Groups with which the Feature Group and BSA Standard Transmission Specifications are provided are set forth in 6.2.1(C), 6.2.2(C), 6.2.3(C) and 6.2.4(C) preceding.

(A) Type A Transmission Specifications

Type A 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 + 2.0 dB

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6. Switched Access Service (Cont'd)6.5 Transmission Specifications (Cont'd)6.5.1 Standard Transmission Specifications (Cont'd)(A) 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:

<u>Route Miles</u>	<u>C-Message Noise</u>
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.

(5) Echo Control

Echo Control, identified as Equal Level Echo Path Loss 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. They are equal to or greater than the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem	21 dB	14 dB
POT to End Office		
- Direct	N/A	N/A
- Via Access Tandem	16 dB	11 dB

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6. Switched Access Service (Cont'd)6.5 Transmission Specifications (Cont'd)6.5.1 Standard Transmission Specifications (Cont'd)(B) Type B Transmission Specifications

Type B Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum 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:

<u>Route Miles</u>	<u>C-Message Noise*</u>	
	<u>Type B1</u>	<u>Type B2</u>
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 Trunkside BSA-101XXXX Option and Feature Group D, only Type B2 will be provided. For Lineside BSA, Trunkside BSA - 950 Option and Feature Groups A and B, Type B1 or B2 will be provided set as forth in Technical Reference GR-334-CORE, Issue 1. (D)
(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 Transmission Specifications (Cont'd)6.5.1 Standard Transmission Specifications (Cont'd)(B) Type B Transmission Specifications(5) Echo Control

Echo Control, identified as Impedance Balance for Lineside BSA, Trunkside BSA - 950 Option and FGA and FGB and Equal Level Echo Path Loss for Trunkside BSA-101XXXX Option 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 Point of Termination (POT) to the end office or via an access tandem. The ERL and SRL also differ by Switched Access Services of termination, and type of transmission path. They are greater than or equal to the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
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 Trunkside BSA - 950 Option and FGB access	8 dB	4 dB
- For FGB access (Effective 4-Wire transmission path at end office)	16 dB	11 dB

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6. Switched Access Service (Cont'd)6.5 Transmission Specifications (Cont'd)6.5.1 Standard Transmission Specifications (Cont'd)(C) 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.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise*</u>	
	<u>Type C1</u>	<u>Type C2</u>
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

- * For Trunkside BSA-101XXXX Option and Feature Group D, only Type C2 will be provided. For Lineside BSA, Trunkside BSA - 950 Option, and Feature Groups A and B, Type C1 or C2 will be provided as set forth in Technical Reference GR-334-CORE, Issue 1. (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 Transmission Specifications (Cont'd)6.5.1 Standard Transmission Specifications (Cont'd)(C) Type C Transmission Specifications (Cont'd)(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a 16 dBmO holding tone is less than or equal to 47 dBrnC0.

(5) Echo Control

Echo Control, identified as Return Loss and expressed as Echo Return Loss and Singing Return Loss is equal to or greater than the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to End Office		
- Direct	13 dB	6 dB

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 Transmission Specifications (Cont'd)6.5.2 Data Transmission Parameters

Two types of Data Transmission Parameters, i.e., Type DA and Type DB, are provided for the Switched Access Services. The specific applications in terms of the BSAs with which they are provided are set forth in 6.3.1, 6.3.2, 6.3.2.1, 6.3.2.2, and 6.3.2.3 preceding. 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.

(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

	<u>604 to 2804 Hz</u>
less than 50 route miles	500 microseconds
equal to or greater than 50 route miles	900 microseconds
	<u>1004 to 2404 Hz</u>
less than 50 route miles	200 microseconds
equal to or greater than 50 route miles	400 microseconds

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6. Switched Access Service (Cont'd)6.5 Transmission Specifications (Cont'd)6.5.2 Data Transmission Parameters (Cont'd)(A) Data Transmission Parameters Type DA (Cont'd)(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 65 dBrnC0 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

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 5° 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-Notoned Noise Ratio

The signal to C-Notoned Noise Ratio is equal to or greater than 30 dB.

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6. Switched Access Service (Cont'd)6.5 Transmission Specifications (Cont'd)6.5.2 Data Transmission Parameters (Cont'd)(B) Data Transmission Parameters Type DB (Cont'd)(3) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

	<u>604 to 2804 Hz</u>
less than 50 route miles	800 microseconds
equal to or greater than 50 route miles	1000 microseconds
	<u>1004 to 2404 Hz</u>
less than 50 route miles	320 microseconds
equal to or greater than 50 route miles	500 microseconds

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 67 dBrnC0 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

6. Switched Access Service (Cont'd)6.6 Obligations of the Telephone Company

In addition to the obligations of the Telephone Company set forth in 2. preceding, the Telephone Company has certain other obligations pertaining only to the provision of Switched Access Service. These obligations are as follows:

6.6.1 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 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 Section 2.7.1.1 preceding. (T)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.6 Obligations of the Telephone Company (Cont'd)6.6.2 Design and Traffic Routing of Switched Access Service

For Switched Access Services, the customer and the Telephone Company will apply a capacity threshold test to determine the design and routing of the Switched Access Service. When the amount of estimated traffic to and/or from an end office is equal to or less than 750 busy hour minutes of use, the customer may specify whether the traffic is to be routed directly between the end office and customer's premises or whether all or a portion of the traffic should be routed via an access tandem. When the amount of estimated traffic to and/or from an end office exceeds 750 busy hour minutes of use, the Telephone Company will work cooperatively with the customer to design and determine the routing and directionality using either direct final trunks or a combination of direct high usage trunks between the end office and the customers premises, with alternate route trunks via the access tandem.

The Telephone Company will determine 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 the Telephone Company traffic routing plans.

6.6.3 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.

6.6.4 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)6.6 Obligations of the Telephone Company (Cont'd)6.6.5 Determination of Number of Transmission Paths

The following applies to switched access voice transmission paths, and does not apply to signaling connections provided with CCSAS. The number of transmission paths for out of band signaling connections will be determined jointly by the Telephone Company and the Customer.

Customers ordering Switched Access Services specify the number of transmission paths in the order for service. A transmission path is a communication path within the frequency bandwidth of approximately 300 to 3000 Hz or a derived communication path of a frequency bandwidth of approximately 300 Hz to 3000 Hz provided over a high frequency analog facility or a high speed digital facility between a customer's premises and a Telephone Company location.

6.6.6 Determination of Number of End Office Transport Terminations

For analog entry switches, a termination will be provided for each transmission path provided. For digital entry switches, an equivalent termination will be provided for each transmission path provided.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.6 Obligations of the Telephone Company (Cont'd)6.6.7 Designed Blocking Probability

The Telephone Company will design the facilities for the provision of tandem circuits used for common transport between the access tandem and the end office.

In addition, the Telephone Company will perform routine measurement functions in accordance with Telephone Company blocking objectives to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional trunks be ordered by the customer when required to reduce the measured blocking to the objective.

- (A) For FGA and FGB (Lineside BSA and Trunkside BSA - 950 Option) no blocking criteria apply.
- (B) The blocking objective for FGB on D and FGD will be no greater than one percent (.01) between the point of termination at the customer's premises and the first point of switching in the Telephone Company's network when traffic is directly routed without an alternate route. For this directly routed traffic, the objective is solely a function of the customer's network design. (D)
- (C) The blocking objective for FGD (Trunkside BSA - 10XXX/101XXXX) will be no greater than one percent (.01) between the point of termination at the customer's premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. For traffic routed via an access tandem, the objective is a combination of the Telephone Company's common transport design capacity and the customer's network design capacity.
- (D) Standard traffic engineering methods as set forth in Technical Reference SR-TAP-000191, Issue 2, Trunk Traffic Engineering Concepts and Applications, will be used by the Telephone Company to determine the number of trunks required to achieve the blocking objectives in all cases.

The design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the thresholds listed in the following tables:

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.6 Obligations of the Telephone Company (Cont'd)6.6.7 Designed Blocking Probability (Cont'd)

(D) (Cont'd)

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Per Trunk Group			
	15-20	11-14	7-10	3-6
	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5-6	.040	.050	.060	.070
7 or more	.030	.035	.040	.060

- (1) For transmission paths carrying first routed traffic between an end office and a 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 Per Trunk Group			
	15-20	11-14	7-10	3-6
	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.040	.045	.055
5-6	.025	.035	.040	.045
7 or more	.020	.025	.030	.040

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.6 Obligations of the Telephone Company (Cont'd)6.6.8 End User Line and Usage Information Data(A) General

The Telephone Company will provide to customers, upon request, historical and projected information pertaining to the number of end user lines and latest available average use per line. Such information shall be limited to that information which the Telephone Company uses in the course of performing its normal business operations. Additionally, the Telephone Company will make update information available only on a semi-annual basis.

(B) Information Content and Format

The historical and projected data will be provided on a per end office basis and will consist of the following information:

- Number of residential lines
- Number of business lines
- Average use per line

Unless requested otherwise, the data will be provided in machine-readable format.

(C) Availability of Data

The Telephone Company will provide the data to the requesting customer within 30 days of the receipt of the request. Separate requests are limited to two per end office per year.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.6 Obligations of the Telephone Company (Cont'd)6.6.8 End User Line and Usage Information Data (Cont'd)

- (D) The charge to the customer for such data will be developed on an individual case basis and will include only those incremental costs incurred by the Telephone Company in responding to the individual data request. Individual Case Basis (ICB) tariff filings will be made in Section 12, Specialized Service or Arrangements, following. Incremental costs include, but are not limited to, costs associated with the provision of data in a non-standard format as well as costs associated with responding to other individualized treatment requested by the customer.

6.6.9 Bill Verification Data

At the customer's request and at no charge, the Telephone Company will provide, within 30 days from receipt of a written request, underlying data used to derive subscriber line ratios as defined in Section 6.8.1 (D)(4) following. In addition to data used to develop subscriber line ratios, additional bill verification data, as is readily available, will also be provided subject to the preceding conditions.

(D)

(D)

6.7 Obligations of the Customer

In addition to the obligations of the customer set forth in 2. preceding the customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

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(T)
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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Obligations of the Customer (Cont'd)6.7.1 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 2.3.10 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the interstate charges is set forth in 2.3.11 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.

(C) Telecommunications Relay Service (TRS) Provider Reports

When a customer uses Switched Access service to carry tandem routed traffic originated from a TRS Center, in cases where the tandem does not have the capability to measure calls, the Telephone Company will assess applicable access charges to the customer based on reports provided by the TRS provider.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Obligations of the Customer (Cont'd)6.7.1 Report Requirements (Cont'd)(D) 900 and Interim 500 Access Service NXX Codes

All 900 and Interim 500 NXX Code assignments and administration shall be in accordance with the North American Numbering Plan (NANP).

When ordering 900 and Interim 500 Access Service, NXX Codes to be activated or deactivated must be provided to the Telephone Company in accordance with applicable ordering intervals. Customer assigned codes, for which an order has not been received, will be blocked.

Customers ordering 900 Access Service are required to provide both a field test number and a trouble referral contact number to the Telephone Company coincident with the order for service. The field test number will be utilized by the Telephone Company to place test calls to the Customer's premises. The referral contact number will be utilized by the Telephone Company to refer end user trouble reports to the appropriate customer.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Obligations of the Customer (Cont'd)6.7.2 Supervisory Signaling

The customer's facilities shall provide the necessary on-hook, off-hook answer and disconnect supervision. For 500 Access Service, Toll Free Data Base Access Service, and 900 Access Service, which originates from end offices other than equal access end offices with the customer identification function, and for Trunkside BSA - 950, the customer shall provide answer off-hook signal upon completion of the outpulsed signaling sequence at his point of presence.

For Trunkside BSA-101XXXX Option, including 500 Access Service, Toll Free Data Base Access Service, and 900 Access Service from equal access end offices with the customer identification function, the customer shall return answer off-hook signal when the called party answers.

6.7.3 Trunk Group Measurements 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.

6.7.4 Design of Switched Access Services

When a customer orders Trunkside BSA-101XXXX Option Switched Access Service, or trunks associated with 900 Access Service, 500 Access Service, Toll Free Data Base Access Service, it is the customer's responsibility to assure that sufficient access services have been ordered to handle its traffic.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations

This Section contains the specific regulations governing the rates and charges that apply for Switched Access Service.

6.8.1 Description and Application of Rates and Charges

There are three types of rates and charges that apply to Switched Access Service. These are monthly recurring rates, usage rates and nonrecurring charges. These rates and charges are applied differently to the various rate elements as set forth in (D) following.

Certain Switched Transport rates and charges (monthly and non-recurring) will be applied based on Rate Zones or Metropolitan Statistical Areas (MSAs). Rate Zones are defined in Section 2.1 and contained in Section 14.6. In cases where the Channel Mileage crosses Rate Zones (e.g., serving wire center 1 is in Rate Zone 1 and serving wire center 2 is in Rate Zone 2), the higher-rated mileage charge will be applied to the entire channel mileage. Multiplexing rates will be determined by the location of the multiplexing arrangement. (C)
(C)

MSAs are defined in Section 2.6 and are listed in Section 14.7. In wire centers within a qualifying MSA, monthly rates and nonrecurring charges for certain Switched Access service rate elements are arranged in price bands. The price band for each serving wire center within a qualifying MSA and the type of Switched Access Services which are subject to price band rating are specified in Section 14.7, following. In cases where Channel Mileage crosses price bands, the charge for the higher numbered price band applies. When channel mileage is between an MSA price band and a Non-qualifying MSA (N-MSA) wire center, the rates and charges for the N-MSA wire center (a rate zone charge or a basic (N-MSA) channel mileage charge) apply. (N)
(N)

Certain material formerly appearing on this page currently appears on Original Page 6-184.1.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Description and Application of Rates and Charges (Cont'd)(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided, except for the following. For billing purposes, each month is considered to have 30 days.

(1) DS3 Entrance Facility Channel Terminations

Monthly rates for DS3 Entrance Facility Channel Terminations apply on a tapered schedule as set forth in Section 6.9.1 following. The rate to be billed for each channel termination is based on a count of the total eligible Switched and Special Access channel terminations that are in service and in billing at the end of the bill period, whether provided on a month-to-month basis, under one or more term pricing plans, or a combination of both.

(M)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Description and Application of Rates and Charges (Cont'd)(A) Monthly Rates (Cont'd)(1) DS3 Entrance Facility Channel Terminations (Cont'd)

The following Switched and Special Access channel termination rate elements are eligible for inclusion in the Telephone Company's monthly count:

- DS3 Switched Access Entrance Facilities channel terminations (electrical and optical) as described in Section 6.9.1 following
- DS3 High Capacity Special Access Service channel terminations (electrical and optical) at a primary premises as described in Section 7.5.9 following.

(D)
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(D)

Before the first billing period of each month, the Telephone Company will count all eligible DS3 Switched Access Entrance Facility channel terminations that are in service between the same two locations (e.g., a customer-designated premises and the same serving wire center). If that customer-designated premises is a primary premises for Special Access Service as defined in Section 7.4.1 following, the Telephone Company will also count all eligible DS3 High Capacity Special Access Services that are in service. The results are added to obtain the total count for a particular customer-designated premises and determines the applicable rate band. This step is repeated for each customer-designated premises.

When a facility carries both Switched and Special Access service under a Shared Use Arrangement as set forth in Section 6.8.17 following, each channel termination will be counted as either Switched Access or Special Access, but the total number of such circuits will be counted in determining the rate band charged.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Description and Application of Rates and Charges (Cont'd)

(A) Monthly Rates (Cont'd)

(1) DS3 Entrance Facility Channel Terminations (Cont'd)

For example, the Telephone Company's total DS3 count for a customer taken before the first billing period of the month is 16. A customer has six eligible DS3 Switched Access Entrance Facilities and ten eligible Special Access DS3 High Capacity Service channel terminations in service at its premises. The applicable rate band for each category (Switched or Special) of channel terminations is band 16. During the month, each of the six DS3 Switched Access Entrance Facilities is billed at the then effective rate under band 16 (for Switched Access) and each of the ten DS3 High Capacity Special Access Services is billed at the then effective rate under band 16 (for Special Access).

The rate band determined by the last count taken shall be used to calculate all charges incurred by and credits due to the customer for DS3 Switched Access Service Entrance Facility channel terminations established or discontinued during the preceding billing period. The count will not be adjusted for any reason for service order activity occurring after the count is made, including services that were installed prior to the count but were not in billing when the count was taken.

- (2) Monthly rates for IntelliLight Optical Transport Service are billed (N)
at Category I or Category II rates in accordance with Section (N)
6.8.25(C)(6)(d)(8) following. (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Description and Application of Rates and Charges (Cont'd)(B) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per access minute basis. Charges are accumulated over a monthly period.

(C) Nonrecurring Charges

Nonrecurring charges are one time charges that apply for a specific work activity (e.g., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service and service rearrangements.

Certain nonrecurring charges applicable to the installation of access service consist of a "first" and "additional" charge. For each facility, line, or trunk ordered, the first charge applies to the first facility, line, or trunk specified on the order, with the additional charge applied to each additional facility, line, or trunk specified on the same order between same locations.

(1) Installation of Service

Nonrecurring charges apply to each Switched Access Service installed. For Switched Services, the charge is applied per line or trunk.

In addition, nonrecurring charges apply when Common Channel Signaling Access Service is installed for use with Trunkside BSA-101XXXX Option, Feature Group D and/or Billing Validation Service as specified in 6.9.1(B) following.

When newly installed service is added to a Commitment Discount Plan, the channel termination nonrecurring charge which applies is \$1.00.

(N)

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(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(2) Service Rearrangements

Service rearrangements are changes to existing services installed which do not result in either a change in the minimum period requirements as set forth in 5.2.5 preceding or a change in the physical location of the point of termination at a customer's premises or a customer's end user's premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of termination are treated as moves and described and charged for as set forth in 6.8.7 following.

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves an actual physical change to the service, including the addition of a FGD Carrier identification Code (CIC) to an existing network and other translation-only type work.

- When the physical change involves the addition of FGD CIC(s) to an existing network, a service rearrangement charge would apply per CIC, per sub-tending end office, per access tandem.
- When the physical change involves translation-only type work, a service rearrangement charge would apply at the level of work being performed (such as per trunk, per trunk group, per end office, or per access tandem).

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(2) Service Rearrangements (Cont'd)

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same customer (i.e., same customer remains responsible for all outstanding indebtedness for the Access Service). Administrative changes are as follows:

- Change of customer name, (i.e., the customer of record does not change but rather the customer of record changes its name -- e.g., AT&T-Long Lines to AT&T Communications)
- 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.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(2) Service Rearrangements (Cont'd)

All other service rearrangements will be charged for as follows:

- If the change involves the addition of an optional feature or BSE which has a separate nonrecurring charge, that nonrecurring charge will apply.

A charge as specified following will apply on each transmission path reconfigured from:

- SS7 signaling to MF signaling
- 64CCC to SS7 signaling
- 64CCC to MF signaling

When out of band signaling or 64CCC is ordered, the customer may add Calling Party Number (CPN), Charge Number (CN), Carrier Selection Parameter (CSP), and Access Transport Parameter (ATP) at no additional charge if these features are specified at the time out of band signaling or 64CCC is ordered for existing switched access trunks.

For Dedicated Network Access Link BSAs, the addition of optional features without separate nonrecurring charges, a charge equal to a channel termination rate element first nonrecurring charge will apply. Only one such charge will apply per service per change.

For all other changes; including the addition of, or modifications to, optional features or BSEs without separate nonrecurring charges, a charge as specified following will apply. When an optional feature or BSEs 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).

	USOC	Nonrecurring Charge
- Per Rearrangement	NRBOK	\$50.00

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(2) Service Rearrangements (Cont'd)

Rearrangement charges as specified in 6.9.1 following apply on a per termination basis for the following service rearrangements:

- a) rearranging an existing subtending service from one port to another in the same multiplexing arrangement;
- b) rearranging an existing subtending service from one multiplexing arrangement to another like multiplexing arrangement in the same wire center; and
- c) rearranging an existing service into a high capacity service multiplexing arrangement in the same wire center.
- d) rearranging an existing service to a Collocated Interconnection Cross-Connect Service or SPOT Bay Frame and Terminations, which are described in Section 19 following, in the same wire center; (C)(X)
(C)(X)
- e) rearranging a Collocated Interconnection Cross-Connect Service or SPOT Bay Frame and Terminations, which are described in Section 19 following, to a Switched Access Service in the same wire center; and (C)(X)
| |
(C)(X)

When services are rearranged as described above, additional charges for the Rearrangement Charges may apply to all such rearranged services beyond the first without regard to their end-point locations, so long as they are all of the same service type, have the same date due, and are all being rearranged to the same multiplexing arrangement.

Certain regulations previously found on this page can now be found on Page No. 6-192.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Connection Charge

The Switched Access Connection Charge recovers the costs of connecting the trunks/line to the switch. These charges are in addition to any facility charges and are to be applied on a per line/per trunk basis.

(M) (X)

(4) Service Order Charge

The Service Order Charge does not apply when a facility and the trunks that ride that facility are being installed at the same time.

(M) (X)

- (5) In addition, the facility nonrecurring charge will not apply for changing facility capacity or faulty interface (i.e., changes from or to Voice Grade, DS1 or DS3 facilities). No facility nonrecurring charge will apply for "grooming" facilities (i.e., adding new facilities as well as rearranging trunks on existing facilities in order to increase utilization or fill). These charges will not apply as long as the order is placed by December 31, 1995.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates

End Office (i.e., Local Switching) and the Information (T)
Surcharge rates are applied as premium rates.

The following rules provide the basis for applying the
rates and charges:

- (1) Premium rates apply to all Trunkside BSA-101XXXX
Option access minutes, and to all Lineside BSA and
Trunkside BSA - 950 Option access minutes that
originate from or terminate at end offices equipped
with equal access (i.e., Trunkside BSA-101XXXX
Option) capabilities. Premium rates also apply to
all Toll Free Data Base Access Service and 900
Access Service minutes that originate from an equal
access end office via Trunkside BSA-101XXXX Option.
- (2) The premium rates are further differentiated based (C)
upon the directionality of the traffic carried over |
the Switched Access Service. (C)
- (3) Reserved for Future Use

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(4) (Cont'd)

(b) (Cont'd)

(iii) (Cont'd)

900 Access Service traffic has been combined in the same trunk group with the customer's Trunkside BSA-101XXXX Option and FGD traffic, 900 Access Service minutes shall not be used to offset premium rates as set forth preceding.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(D)

(D)

(5) Where Switched Access Service is provided in conjunction with a CEC or RCC, and the regulations as set forth in 2.4.8, preceding apply, the Telephone Company will apply premium Switched Transport rates.

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(5) (Cont'd)

(a) Entrance Facility

The Entrance Facility monthly rate provides for the communication path between a customer's premises and the SWC of that premises and is assessed based on the capacity of the facilities provided (e.g., Voice Grade, DS1, DS3, DSR, ISAN, ISSP, or IEF). When Lineside Switched Access service is ordered, the Voice Grade Entrance Facility rate is assessed for each Lineside service requested unless the customer requests an Entrance Facility of higher capacity. The Entrance Facility rate is assessed when the customer premises and the SWC are in the same building. The Entrance Facility rate is in addition to the rates assessed for Direct Trunked Transport and Tandem Switched Transport. Rates and charges are set forth in Section 6.9 following. (T)

(b) Direct Trunked Transport

The Direct Trunked Transport monthly rate provides for the transmission facilities between the SWC of the customer's facilities to the end office or the access tandem based on the capacity of the facility requested, Voice Grade, DS1, DS3, ISSP, DSR, or ISAN. DSR is comprised of Nodes, Fiber Mileage (per mile between nodes), and Ports. ISAN is comprised of a fixed charge by Mileage Band. When Lineside Switched Access service is ordered, the Voice Grade Direct Trunked Transport rate is assessed for each Lineside service requested unless the customer requests a Direct Trunked Transport facility of higher capacity. There are two rates that apply, a fixed rate and a rate per mile. The Direct Trunked Transport rate is in addition to the Entrance Facility rate. Mileage measurement is described in Section 6.8.13 following. Rates and charges are set forth in Section 6.9 following. (T)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)

(5) (Cont'd)

(c) Tandem Transport Charge

The Tandem Transport Charge is assessed on a per minute of use basis. There are two rates that apply, a fixed rate and a rate per mile/per minute. The Tandem Transport rate is in addition to the Entrance Facility rate. Mileage measurement is described in Section 6.8.13 following. Rates and charges are set forth in Section 6.9 following.

(d) Tandem Switching

The Tandem Switching rate is assessed on a per minute of use basis and is applicable to all Switched Access minutes of use utilizing an access tandem via Tandem Switched Trunk. The Tandem Switching rate is in addition to the Tandem Transmission rate and the rates associated with the Entrance Facility. Rates and charges are set forth in Section 6.9 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)

(5) (Cont'd)

(e) Dedicated Tandem Trunk Port

The Dedicated Tandem Switching Trunk Port is a monthly rate assessed per activated trunk for every dedicated trunk terminating on the serving wire center side of the access tandem. Rates and charges are set forth in Section 6.9 following.

(f) Interconnection Charge

The Interconnection Charge is assessed on a per minute of use basis and is applicable to all Switched Access minutes of use based on the direction of the traffic and whether or not it is collocated or non-collocated. The originating Interconnection Charge rate will apply to all originating access minutes of use except those associated with calls placed to 700, 800, and 900 numbers. The terminating Interconnection Charge rate will apply to all terminating access minutes of use and all originating access minutes of use associated with calls placed to 700, 800, and 900 numbers.

(g) Host/Remote Transport

When the customer orders Switched Access via the tandem to a remote switching system or module (RSS or RSM), Tandem Transmission rates are assessed between the SWC and the host office or between the access tandem and the host office, whichever is applicable. In addition, Host/Remote Transmission rates are assessed between the host and the RSS or RSM.

When the customer orders DTT to a RSS or RSM, DTT rates are assessed between the SWC and the host office and Host/Remote Transmission rates are assessed between the host and the RSS or RSM. Mileage measurement rules are set forth in 6.8.13 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)

- (6) Where Switched Access Service is used to carry traffic originated from a TRS Center, Switched Transport rates apply. Local Switching rates do not apply.
- (7) FGA provided with a voice grade interface the following rate elements are applicable:
- Entrance Facility - 2 wire or 4 wire
 - Direct Trunked Transport, fixed and per mile, measured from the SWC to the DTO.
 - Local Switching MOU
 - Information Surcharge
 - Carrier Common Line
 - The Interconnection rate applies also to all Local Switching MOUs

Terminating Usage Rate Elements

Tandem fixed MOU and per mile MOU rates apply from the DTO to the End Office where the call terminates.

Local Switching MOU.

Information Surcharge.

Carrier Common Line.

The Interconnection rate applies also to all Local Switching MOU.

Originating Usage Rate Elements

Local Switching MOU

Information Surcharge

Carrier Common Line

The IC rate applies to all Local Switching MOU.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)

- (8) FGA provided with a digital interface the following rate elements are applicable:

- Entrance Facility - DS1
- Direct-Trunked Transport, fixed and per mile, measured from the SWC to the DTO.
- Multiplexer
 - Local Switching MOU
 - Information Surcharge
 - Carrier Common Line
 - The Interconnection rate applies also to all Local Switching MOUs

The same originating and terminating usage rate elements apply as for non-digital interface as indicated in paragraph (7) above.

(9) Multiplexing

No multiplexing charge will apply except as indicated in (8) above if an individual circuit carrying trunks is at a DS1 level (Entrance Facilities and Direct Trunked Transport) and terminating at a specific switch.

Certain material previously appearing on this page currently appears on Original Page 6-204.1

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.2 Minimum Periods

- (A) The minimum service period for Switched Transport entrance facilities and direct trunked transport are as follows:
- DS1: 2 months
 - DS3: 12 months
 - IEF: 12 months
 - DSR: 12 months
 - ISSP: 12 months
- (D)
- (B) The minimum periods for IOTS service are set forth in Section 6.8.25(C)(6)(d) following.
- (C) When service is provided under a Commitment Discount Plan as set forth in Section 25 following, the minimum period for service provided under a Commitment Discount Plan is one (1) year from the date that such service is installed in lieu of the minimum period which would normally apply to that service. Commitment Discount Plan minimum period regulations are specified in Section 25.1.10 following.
- (D) Reserved
- (E) All other Switched Access Service is provided for a minimum period of one month.
- (F) When service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. Customers may at any time change their service payment option to a Term Payment Plan without assessment of the minimum service charge.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.3 Reserved for Future Use6.8.4 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 consists of the following elements:

The minimum monthly charge for the Local Switching, the Information Surcharge, and the Switched 56 (S56) Kilobit Service rate elements is the sum of the charges set forth in Section 6.9.2(A), 6.9.5, and 6.9.7 following for the measured usage for the month. (T) (D) (D)

For a Dedicated Network Access Link, the minimum monthly charge for a month or fraction thereof is the applicable monthly rates for the service as set forth in Section 6.9.1(O) following.

6.8.5 Reserved

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6. Switched Access Service (Cont'd)

6.8.6 Change of Feature Group or BSA Type

(1) When a customer upgrades a Feature Group A or B service to a Feature Group D service, or upgrades a Lineside BSA or Trunkside BSA - 950 Option to a Trunkside BSA-101XXXX Option, the nonrecurring charge will not apply if the following conditions are met:

- (b) Reserved for Future Use

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.6 Change of Feature Group or BSA Type (Cont'd)

(1) (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.6 Change of Feature Group or BSA Type (Cont'd)

(1) (Cont'd)

- (d) Subject to the availability of appropriate Telephone Company central office switching equipment and other facilities, customers may upgrade from one-way Trunkside BSA - 950 Option or FGB trunks to two-way Trunkside BSA-101XXXX Option or FGD trunks will not be subject to charge as long as the number of two-way Trunkside BSA-101XXXX Option or FGD trunks does not exceed the number of one-way Trunkside BSA - 950 Option or FGB trunks disconnected, i.e., a one-for-one substitution of one-way trunks for two-way trunks. The customer must retain the same technical interface specifications unless otherwise mutually agreed upon by the Telephone Company and the customer, when appropriate Telephone Company central office switching equipment and other facilities are available. One-way Trunkside BSA - 950 Option or FGB trunks may be upgraded to two-way Trunkside BSA-101XXXX Option or FGD trunks where equipment and facilities are available. Conversion of one-way Trunkside BSA - 950 Option or FGB trunks to two-way Trunkside BSA-101XXXX Option or FGD trunks will be scheduled on a project basis by the Telephone Company, in cooperation with the customer.
- (e) Customers who are upgrading from tandem or end office routed Trunkside BSA - 950 Option or FGB trunks to direct end office or tandem routed Trunkside BSA-101XXXX Option or FGD trunks will not be subject to nonrecurring charges as long as the number of trunks connected do not exceed the number of trunks disconnected, i.e., a one-for-one substitution of tandem routed trunks for end office trunks or end office trunks for tandem routed trunks. The customer must meet the conditions as specified in section 6.1.2(A)(2)(d) preceding and 6.8.6(1)(f) following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.6 Change of Feature Group or BSA Type (Cont'd)

(1) (Cont'd)

- (f) Subject to the availability of appropriate Telephone Company central office switching equipment and facilities, customers may upgrade from Trunkside BSA - 950 Option or FGB trunks with MF signaling to Trunkside BSA-101XXXX Option or FGD trunks with SS7 signaling or 64CCC will not be subject to charge as long as the customer requests SS7 signaling or 64CCC on their new order for Trunkside BSA-101XXXX Option or FGD trunks. Out of band signaling connections provided under Common Channel Signaling Access Service must be established as specified in section 6.4.3(A) preceding. The number of Trunkside BSA-101XXXX Option or FGD trunks with SS7 signaling or 64CCC cannot exceed the number of Trunkside BSA - 950 Option or FGB trunks with MF signaling that are disconnected, i.e., a one-for-one substitution of Trunkside BSA-101XXXX Option or FGD trunks with SS7 signaling or 64CCC for Trunkside BSA - 950 Option or FGB trunks with MF signaling.

The Telephone Company reserves the right to determine if Trunkside BSA - 950 Option and FGB may be upgraded to Trunkside BSA-101XXXX Option and FGD and converted to out of band signaling at the same time. If necessary, the Telephone Company will treat such requests as two separate projects and charges will be waived as specified above and in Section 6.1.2(A)(7)(e)(5) preceding.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.6 Change of Feature Group or BSA Type (Cont'd)

(2)

(D)

For changes from one type of Feature Group to another
type of Feature Group, or from one type of BSA to
another type of BSA, new minimum period obligations will
also be established.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.6 Change of Feature Group or BSA Type (Cont'd)6.8.6.1 Conversion of Existing Feature Groups to Basic Service Arrangements

Nonrecurring charges will not apply to the conversion of existing Feature Groups to their unbundled BSA equivalents.

When a customer converts an existing Feature Group to its unbundled BSA equivalent, minimum period obligations will not change, i.e., the time elapsed in the existing minimum period obligations will be credited to the minimum period obligations for the BSA. For changes from a BSA to a Feature Group during the transition period as noted above, new minimum period obligations will be established.

When the initial order for Trunkside BSA - 950 Option, in a LATA, is received by the Telephone Company, that order will cause conversion of existing FGB services, in that LATA, to the Trunkside BSA - 950 Option rate structure for the CIC associated with that order.

(D)

(D)

When the initial order for Trunkside BSA-101XXXX Option, in a LATA, is received by the Telephone Company, that order will cause conversion of existing FGD services, in that LATA, to the Trunkside BSA-101XXXX Option rate structure for the CIC associated with that order.

Orders for Lineside BSA will not cause conversion of FGA services within the LATA where the Lineside BSA is ordered. However, Lineside BSA and FGA services cannot be combined in the same Hunting Service Arrangement.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.6 Change of Feature Group or BSA Type (Cont'd)6.8.6.1 Conversion of Existing Feature Groups to Basic Service Arrangements (Cont'd)

All orders or customer requests to convert existing Feature Group services to their ONA equivalents must be received by the Telephone Company by May 1, 1993. If a customer does not submit an order causing conversion of existing Feature Group services, or request that the Telephone Company convert existing Feature Group services to their ONA equivalents by May 1, 1993, then those Feature Group services which have not been converted will be converted to their ONA equivalents on July 1, 1993. Any optional feature provisioned with a Feature Group service which has a corresponding BSE will be charged the BSE rate, and any option which does not have a corresponding BSE will remain as an optional feature.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.7 Moves

A move involves a change in the physical location of the customer premises which also involves a connection to a different rate demarcation point.

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 first nonrecurring (i.e., installation) charge for the service termination affected. 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.

6.8.8 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 (i.e., recorded) by the Telephone Company to determine the basis for computing chargeable access minutes. For terminating calls over Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option FGA, FGB, and FGD, and for originating calls over Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGA, FGB and FGD, the measured access minutes are the chargeable access minutes. For originating calls over FX/ONAL Lineside BSA, and FGA, chargeable originating access minutes are derived from recorded minutes in the following manner. (D) (D) (D) (D) (D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.8 Measuring Access Minutes (Cont'd)

- Step 1: Obtain recorded originating minutes and messages (measured as set forth in (A) and (C) following for FX/ONAL Lineside BSA, and FGA respectively) from the appropriate recording data. (D)
- 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, Toll Free Data Base Access Service, 900 Access Service, directory assistance and international from a sample study which analyzes the ultimate completion status of the total attempts which receive acknowledgment from the customer. That is, Measured Messages divided by Completion Ratio equals Total Attempts.
- 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 incompleting attempts. The total NCTA is the time on a completed attempt from customer acknowledgment of receipt of call to called party answer (set up and ringing) plus the time on an incompleting 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.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.8 Measuring Access Minutes (Cont'd)

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

$$(1) \text{ Total Attempts} = \frac{1,000(\text{M. Mes.})}{.75 (\text{CR})} = 1,333.33$$

$$(2) \text{ Total NCTA} = .4 (\text{NCTA per Attempt}) \times 1,333.33 = 533.33$$

$$(3) \text{ Total Chargeable Originating Access Minutes} = 7,000(\text{M.Min.}) + 533.33(\text{NCTA}) = 7,533.33$$

(D)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.8 Measuring Access Minutes (Cont'd)

Lineside BSA and 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 grounded up to the nearest access minute for each line or hunt group. Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGB, and 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.

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.8 Measuring Access Minutes (Cont'd)

(1) All Lineside BSA and FGA Services

<u>Originating and</u>	3,386
<u>Terminating</u>	

<u>Originating</u>	1,094
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<u>Terminating</u>	2,292
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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.8 Measuring Access Minutes (Cont'd)(A) Lineside BSA and Feature Group A Usage Measurement

For originating calls over Lineside BSA and FGA, usage measurement begins when the originating Lineside BSA or FGA entry switch receives an off-hook supervisory signal forwarded from the customer's point of termination. (Where Lineside BSA and FGA is used for MTS/WATS-type services, this off-hook signal is generally provided by the customer's equipment. Where Lineside BSA and FGA is used for FX/ONAL services, the off-hook signal is generally forwarded by the customer's equipment when the called party answers.)

The measurement of originating call usage over Lineside BSA and FGA ends when the originating Lineside BSA or FGA entry switch 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 entry switch.

For terminating calls over Lineside BSA and FGA, usage measurement begins when the terminating Lineside BSA or FGA entry switch 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 Lineside BSA and FGA ends when the terminating Lineside BSA or FGA entry switch 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 entry switch.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.8 Measuring Access Minutes (Cont'd)(B) Trunkside BSA - 950 Option and Feature Group B Usage Measurement

For originating calls over Trunkside BSA - 950 Option and FGB, usage measurement begins when the originating Trunkside BSA - 950 Option or FGB entry switch receives answer supervision forwarded from the customer's point of termination, indicating the customer's equipment has answered.

The measurement of originating call usage over Trunkside BSA - 950 Option and FGB ends when the originating Trunkside BSA - 950 Option or FGB entry switch 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 entry switch.

For terminating calls over Trunkside BSA - 950 Option and FGB, usage measurement begins when the terminating Trunkside BSA - 950 Option or FGB entry switch 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 Trunkside BSA - 950 Option and FGB ends when the terminating Trunkside BSA - 950 Option or FGB entry switch 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 entry switch.

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.8 Measuring Access Minutes (Cont'd)(D) Trunkside BSA-101XXXX Option and Feature Group D Usage Measurement

For originating calls over Trunkside BSA-101XXXX Option and FGD with multifrequency address signaling, usage measurement begins when the originating Trunkside BSA-101XXXX Option or FGD entry switch receives the first wink supervisory signal forwarded from the customer's point of termination. For originating calls over Trunkside BSA-101XXXX Option and FGD with out of band signaling, usage measurement begins when the last point of switching sends the initial address message to the customer.

The measurement of originating call usage over Trunkside BSA-101XXXX Option and FGD ends when the originating Trunkside BSA-101XXXX Option or FGD entry switch 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 entry switch.

For terminating calls over Trunkside BSA-101XXXX Option and FGD to services other than Toll Free Data Base Access Service, 900 Access Service or Directory Assistance, total terminating Trunkside BSA-101XXXX Option and FGD usage is directly measured. Jurisdictional assignment for Trunkside BSA-101XXXX Option and FGD is imputed for calls except for 900 Access Service and Directory Assistance Services. When assignment is imputed, the Telephone Company will provide to the Interexchange Carriers the factors used.

For terminating calls over Trunkside BSA-101XXXX Option and FGD, the measurement of access minutes begins when the terminating Trunkside BSA-101XXXX Option or FGD entry switch 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 Trunkside BSA-101XXXX Option and FGD ends when the terminating Trunkside BSA-101XXXX Option or FGD entry switch 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 entry switch.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.8 Measuring Access Minutes (Cont'd)(E) 500 Access Service and Toll Free Data Base Access
Service Usage Measurement

Usage measurement from equal access end offices without the customer identification function begins when the originating end office switch receives off-hook supervision forwarded from the customer's point of termination, indicating the transmitted digits have been received.

Usage measurement from equal access end offices with the customer identification function begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination.

In all cases, usage measurement ends when the originating end office receives on-hook 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 end office.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.9 Reserved6.8.10 Application of Rates for Extension Service

Lineside BSA and Feature Group A Switched Access Service is available with extensions, i.e., additional terminations of the service at different building(s) in the same or a different LATA. Lineside BSA and Feature Group A extensions in the same LATA and same state are charged for under the Telephone Company's local general services tariffs.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.10 Application of Rates for Extension Service (Cont'd)

Lineside BSA and Feature Group A extensions in different LATAs or in a different state in the same LATA are provided and charged for as Special Access Service. The rate elements which apply are: A Voice Grade Channel Termination, Channel Mileage, if applicable, and Signaling Capability, if applicable. All appropriate monthly rates and nonrecurring charges set forth in 7.5 following will apply. Such extensions are ordered as set forth in 5.2 preceding.

6.8.11 Message Unit Credit

Calls from end users to the seven digit local telephone numbers associated with Lineside BSA and Feature Group A Switched Access Service are subject to Telephone Company general services tariffs charges (including message unit and toll charges as applicable). The monthly bills rendered to customers for their Lineside BSA and Feature Group A Switched Access Service will include a credit as defined in 2.6 preceding to reflect any message unit charges collected from their end users under the Telephone Company's local general services tariffs. The credit will apply for recorded originating usage for the Lineside BSA and FGA service provided. No credit will apply for any terminating Lineside BSA and FGA access minutes. The Message Unit Credit for originating Lineside BSA and FGA access minutes is as set forth in 6.9.5 following. (D) (D)

6.8.12 Local Information Delivery Services

Calls over Switched Access in the terminating direction to certain community information services will be rated under the applicable rates for Switched Access Service as set forth in 6.9 following. In addition, the charges per call as specified under the Telephone Company's local general services tariffs, e.g., 976 Network Services, will also apply.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.13 Mileage Measurement

The mileage to be used to determine the monthly rate for the Switched Transport is calculated on the airline distance between the end office switch where the call carried by Switched Transport originates or terminates and the customer's serving wire center or between the end office and the tandem except as set forth in (A) through (I) following. The mileage to be used to determine the monthly rate for the Dedicated Network Access Link (DNAL) Channel Mileage is calculated on the airline distance between the Telephone Company switch or central office where the corresponding BSE (e.g., Message Services Interface and Make Busy Arrangements) capability exists and the serving wire center associated with the customer's designated premises. The V&H coordinates method is used to determine mileage. This method is set forth in National Exchange Carrier Association Tariff F.C.C. NO. 4, for Wire Center and Interconnection Information Tariff (V & H Coordinates).

To determine the rate to be billed compute the mileage using the V&H coordinates method as stated above. If the calculation results in a fraction of a mile, always round up to the next whole mile.

DNAL mileage is shown in 6.9.1 following in terms of a per mile structure. To determine the rate to be billed, first determine the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association Tariff F.C.C. No. 4, and apply the rates. When the calculation results in a fraction of a mile, always round up to the next whole mile before applying the rates.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.13 Mileage Measurement (Cont'd)

Exceptions to the mileage measurement rules are as follows:

- (A) Mileage for access minutes in the originating direction over Lineside BSA and Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H coordinates method, between the end office switch where the Lineside BSA and Feature Group A switching dial tone is provided and the customer's serving wire center for the Switched Access Service provided. When providing the Lineside BSA and Feature Group A FX/ONAL dial tone portion of a service that connects to jointly provided Special Access Service in a Corridor, the access minutes will be calculated in the zero mile band.

- (B) Reserved for Future Use

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.13 Mileage Measurement (Cont'd)

(C) When the Alternate Traffic Routing optional feature/BSE is provided with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and Feature Groups B or D, the Switched Transport access minutes will be apportioned between the two trunk groups used to provide this feature. Such apportionment will be based on a ratio derived from the customer's access order. The ratio for each trunk group, or percentage of total traffic to be attributed to each trunk group, will be determined by dividing the service capacity for each trunk group by the sum of capacity for both trunk groups. The resulting percentage for each trunk group will be multiplied times the total traffic to apportion usage to the individual trunk group. This apportionment will serve as the basis for Switched Transport mileage calculation. (D)

For Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and Feature Group B or D traffic routed directly to an end office, traffic is designated to a specific trunk group based on the actual measured data which is recorded. (D)

(D) Reserved for Future Use (C)
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(E) Switched transport mileage for 500 Access Service, Toll Free Data Base Access Service, and 900 Access Service is based on the airline distance between the end office switch where the 500 Access Service, Toll Free Data Base Access Service, and 900 Access Services traffic originates and the customers serving wire center. For 500 Access service, switched transport mileage is based on the airline distance between the end office, hubbing office or operator switch where the 500 call originates and the customers serving wire center. (D)

(F) For Feature Group Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and A, B, or D access minutes originating from or terminating to a WATS Access Line Service, the Switched Transport is calculated based on the airline distance, using the V & H Coordinates method, between the customer's premises Trunkside BSA-101XXXX Option and Feature Group D serving wire center and the WATS serving office. (D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.13 Mileage Measurement (Cont'd)

- (G) Mileage measurement for originating and terminating Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and FGB and FGD switched access services ordered to, and for Lineside BSA and FGA calls terminated to, a remote switching module (RSM) is calculated on an airline basis using the V&H coordinates method, between the end office that serves as the Host/Remote switch for the RSS and the customer's serving wire center for the Switched Access Service provided. (D)
- (H) Mileage measurement for CCSAS will be calculated on an airline basis, using the V&H coordinates method, between the serving wire center of the customer's SPOI and the Telephone Company's STP. (D)
- (I) When the Switched Transport for Switched Access Service is provided by the Telephone Company and the end user connection is provided by a CEC or a RCC, mileage for access will be calculated on an airline basis, using the V & H Coordinate Method, between the customer's serving wire center and the serving wire center of the MTSO.
- (J) For FGD and Trunkside BSA-101XXXX Option services used to carry calls originated from a TRS Center, mileage will be measured, on an airline basis, between the customer's serving wire center for the Switched Service provided and the TRS Center.

6.8.14 Facility Hubs

A customer has the option of ordering high capacity facilities (i.e., DS1 or DS3) to a facility Hub for distributing or channelizing to individual services requiring lower capacity facilities (e.g., Voice Grade or DS1).

When high capacity facilities are provided between a customer premises and a facility Hub, the facility will not be considered an end-to-end service until an associated channelized service is installed. The facility Hub will not be considered as a customer premises.

Different locations may be designated by the Telephone Company as Hubs for different facility capacities, e.g., multiplexing from DS3 to DS1 may occur at one location while multiplexing from DS1 to Voice Grade may occur at a different location. When ordering, the customer will specify the desired multiplexing Hub(s) selected from the National Exchange Carrier Association Tariff F.C.C. No. 4. This Tariff identifies the type(s) of multiplexing functions which are available and the serving wire centers at which they are available.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.14 Facility Hubs (Cont'd)

The types of multiplexing arrangements available include the following:

- from higher to lower bandwidth
- from high capacity to voice grade channels

End to end services may be provided on channels of these facilities to a Hub. The transmission performance for the end to end service provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility 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 facility to the Hub on the date specified by the customer on the service order. Additional individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub, or may be ordered and/or installed at a later date, at the option of the customer. The customer who orders the High Capacity Service must order all associated individual Access Channelized Services. The customer will be billed for a high capacity Entrance Facility, Direct Trunked Transport, Channel Mileage (when applicable), and the multiplexing arrangements at the time the facility is installed. Additional individual service rates (by service type) will apply for an Entrance Facility for additional Direct Trunked Transport (as required) for each subsequent channelized service. These will be billed to the customer as each individual service is installed.

In addition, Hubbing may be provided at an end office if all the circuits to be multiplexed are on an individual Direct Trunked facility are message and equipment is available.

6.8.15 Shared Use

Shared use occurs when Switched Access Service and Special Access Service are provided over the same analog, digital high capacity, or SONET service through a common interface. The regulations governing the provision of Shared Use Facilities are set forth in 7.4.8 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.16 Reserved6.8.17 Shared Use High Capacity Services

Shared use occurs when Special Access service and Switched Access Service are provided over the same High Capacity service through a common interface. The facility will be ordered, provisioned and rated at Switched Access (i.e., Entrance Facility, Direct Trunked Transport, as appropriate and Multiplexing, as appropriate, between the customer designated facilities and the Telephone Company SWC or Hub. When the customer chooses to use a portion of the available capacity for providing Special Access Service, then as each circuit is activated for Special Access Service, the Switched Access High Capacity Entrance Facility, Direct Trunked Transport, and multiplexer rates will be adjusted accordingly (e.g., for a VG capacity Special Access 1/24th of a DS1 service, 1/672nd of a DS3 or ISSP service, etc.). Special Access Service rates and charges, as set forth in 7.5 following, will apply for each circuit of the shared use facility that is used to provide a Special Access Service when the original service is ordered as Switched Access.

In the case of IOTS as specified in 6.8.25(C)(6) following, the monthly rate for the Switched Access IOTS Service ring mileage, node and network optimization rates will be reduced accordingly based on the total channel capacity of the IOTS ring and the monthly rate for the equivalent Special Access ring mileage, node, and network optimization rate elements will apply. The total channel capacity for an IOTS ring is measured in terms of the total number of optical transport channels that can be transported over the ring.

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The nonrecurring charge that applies when the shared use facility is installed will be the nonrecurring charge associated with the appropriate Switched Access Services. Switched Access Service rates and charges as set forth in 6.9 following, will apply for each circuit of the Shared Use Facility that is used to provide a Switched Access Service when the base service is ordered as Switched Access. The spare channels will be assigned to either Switched Access or Special Access for rating purposes depending on how the customer ordered the service: i.e., Switched Access or Special Access respectively.

The customer must place an order for each individual Switched or Special Access Service using the Shared Use Facilities and specify the circuit assignment for each service.

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.17 Shared Use High Capacity Services (Cont'd)

When Switched Access Service Direct Trunked Transport is provided using a circuit of the Shared Use Facility to a Hub, High Capacity rates and charges will apply for the facility from the customer designated premises to the Hub and individual service rates and charges will apply from the Hub to the Access Tandem or End Office. The rates and charges that will apply to the portion from the Hub to the Access Tandem or End Office will be dependent on the specific type of Switched Access Service that is provided (i.e., Voice Grade, or DS1). The rates and charges that will apply to the portion from the customer designated facilities to the Hub will be prorated based on the capacity of the Shared Use facility to the Hub. The applicable rates and charges will include Entrance Facility and Direct Trunked Transport rates and charges, if applicable, and multiplexing, if applicable. Rates and charges for optional features and functions associated with the service, if any, will apply for the appropriate circuit type.

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.17 Shared Use High Capacity Services (Cont'd)

Should the customer displace the entire capacity of the Switched Transport Service with Special Access Service, the Switched Transport Service will, for billing purposes, be considered disconnected [Any future capacity due to a customer's disconnect of Switched Access Service will be considered Telephone Company inventory]. Should the customer subsequently order Switched Transport Service, this will be treated as a new order and full rates and charges for the Switched Access Service type ordered, as set forth in 6.9 following will apply.

6.8.18 Host/Remote

Direct Trunk Transport (DTT) may be ordered to a host switch. DTT rates will apply to the host switch. For service to a remote switch, tandem fixed and per mile/per MOU rates will apply between the host and remote switches. No tandem switching will apply.

Tandem transport may also be ordered to a host switch. The transport will be measured as tandem fixed and per mile/per MOU from the tandem to the host. Tandem switching will apply. For service to a remote switch, a tandem fixed and per mile/per MOU charge will also apply from the host to the remote subtending the host.

FGA terminating will be measured from the Dial Tone Office to the host and the tandem fixed and per mile/per MOU charge will apply. If the call is made to the remote, another tandem fixed and per mile/per MOU charge will apply from the host to the remote subtending the host. Tandem switching will not apply.

A nonrecurring Remote Translation charge as specified in Section 6.9.1 following will apply for those customer requests which require a unique routing arrangement. This charge will apply per Remote Trunk Group, per occurrence.

Requests for service at remote offices will be accepted where the necessary space and technical capabilities exist.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.19 Tandem Access Sectorization (TAS)

A. General

Tandem Access Sectorization is a service designed to meet the traffic routing requirements of customers whose traffic is routed through an access tandem. TAS is only available in connection with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, Feature Group B and Feature Group D services from the tandems as specified in Section 14.5. TAS is available to all customers. For customers with multiple POTs, TAS is a method of directing Trunkside BSA-101XXXX Option and Feature Group D traffic via an access tandem to a specific POT designated by the customer. Trunkside BSA - 950 Option and Feature Group B customers with TAS will be able to identify the geographical area from which calls originate. TAS permits customers with multiple POTs within a LATA to balance the call volume within their respective networks. TAS may not be used in conjunction with the Optional Feature Alternate Traffic Routing specified in Section 6.4.1.

B. Tandem Access Sectorization Area (TASA)

The tandem serving area will be subdivided into geographical areas called Tandem Access Sectorization Areas which will be defined by the Telephone Company. Each TASA must be treated as a unit and cannot be subdivided. The TASAs are standard for all customers who purchase TAS. A customer with multiple POTs within the LATA can designate to which POT all of the traffic from a specific TASA will be routed. The customer may also designate on which Trunk Group and to which particular POT all of the traffic from a given TASA will be routed. All of the tandem routed traffic from a TASA can only be delivered to one POT. TASAs are listed in Section 14.4.

C. End Offices

Calls originating from end offices within the TASA that are not routed over direct trunks to a customer POT can be routed via an access tandem over Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, and Feature Group B or D originating trunk groups. If a customer had a direct trunk group to the end office, both direct and tandem routed traffic from that end office could be sent to the same POT or to a different POT as designated by the customer.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.19 Tandem Access Sectorization (TAS) (Cont'd)D. Access Tandems

Through the use of incoming trunk class screening in the access tandem, calls originating from a TASA can be identified with that TASA. In the case of a customer with one POT all tandem routed traffic from a TASA can be directed to a specific outgoing trunk group from the tandem to the POT as designated by the customer. A customer with multiple POTs can direct all originating calls from a TASA to a single POT. In addition, all originating traffic from a different TASA could be routed to the same POT or a different POT as designated by the customer. The access tandems may be found in Section 14.5.

6.8.20 Shared Network Arrangement

Each customer entering into a Shared Network Arrangement is solely responsible to the Telephone Company for charges associated with that customer's portion of the shared network. Disconnection of service by the host subscriber does not relieve another user of the network of any obligation to pay access charges associated with the portion of the shared network to which that user subscribes. Billing for services and facilities will continue until a disconnect request from the service user has been received by the Telephone Company. The host subscriber is solely responsible for notifying the connecting service user in the event of disconnection of the host service which affects that portion of the shared network service to which the user has subscribed.

For administrative purposes, one "Arrangement" under the Shared Network Arrangement offering shall be limited to the agreement between one Host Subscriber and one Service User permitting the Service User to connect a specified number of subtending circuits to one specified multiplexer on the Host's service. Agreements between one Host Subscriber and two (or three, etc.) Service Users shall be deemed to comprise two (or three, etc. respectively) separate "Arrangements." However, an agreement to expand the scope of an existing Arrangement by subsequently increasing the number of subtending facilities on the same multiplexed shall not constitute a new or separate "Arrangement".

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.20 Shared Network Arrangement (Cont'd)

A Shared Network Arrangement shall be established between a Host Subscriber and a Service User upon the completion of the service order for the first arrangement. No Shared Network Arrangement shall be deemed to be in effect until at least one subtending facility has been installed for the Service User. A Shared Network Arrangement shall be deemed cancelled when the last subtending facility has been disconnected.

A Processing charge will apply for handling each service order in a Shared Network Arrangement. The Processing Charge is contained in Section 6, and applies in addition to all other applicable rates and charges.

6.8.21 Switched Access Signalling Service (SASS)

A SASS rate element will apply on a per call basis. The per call charge will be assessed to the TSP for each call that is passed to the TSP's network. The SASS is a chargeable option available with Feature Group D service, and all associated Switched Access Feature Group D charges as specified in Section 6.8.1(C) preceding and Section 6.9.1 following will apply.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.22 DS3 Service Arrangement Term Pricing Plan (TPP)(A) Payment Plans and Minimum Periods

Recurring charges for DS3 Services are rated and charged monthly for all commitment plans; Month-to-Month, 3 and 5-year Term Pricing Plans (TPPs). TPPs are provided with Base Rates as described in Section (B) following and as set forth in Section 6.9.1.1 following.

The minimum service period for DS3 is 12 months.

Additionally, the optional feature, DS3 to DS1 Central Office Multiplexing, is also available on a 3 or 5-year Term Pricing Plan. When ordered, a 3 or 5-year TPP for the DS3/DS1 multiplexing feature must have the same term period as the associated service, and it is always assigned an expiration date that is coterminous with the associated service.

At the end of a term plan, the customer will not be eligible to receive discounted monthly charges unless the TPP commitment is renewed. Customers with TPPs that have expired prior to December 2, 1999, will be able to retain their service at the prevailing rates for as long as the customer retains the service.

Should a customer terminate service prior to completing the minimum period or the plan term period, termination liability may be applicable. Termination liability is assessed on entrance facilities, direct trunked transport fixed and per mile, and multiplexing rate elements. A customer who downgrades a term plan to shorter duration, changes the system configuration (i.e., Optical to Electrical) or disconnects the service will be treated as having terminated the service.

If a customer establishes a Commitment Discount Plan (CDP) for at least one (1) service type listed in Section 25.1.1 following and subscribes to other services listed in Section 25.1.1 following at any time that a CDP is in effect, the customer may not establish or maintain a term plan for any services that are eligible for inclusion in CDP with the limited exception of IEF services as set forth in Section 25.1 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.22 DS3 Service Arrangement Term Pricing Plan (TPP) (Cont'd)(B) Base Rates

The rates charged under 3-Year and 5-year TPPs are based upon Base Rates as specified in Section 6.9 following. Such rates may change during the commitment period, but in no case will the Base Rate exceed the non-discounted monthly rate for the service. In order to calculate the rates the customer will pay, the following discount percentages are applied to the Base Rates Monthly Rate Per CT for 3-Year and 5-Year TPPs for DS3 Entrance Facility Channel Terminations, Direct Trunked Transport Channel Mileage, and DS3 to DS1 Multiplexing. Discount percentages are not applied to nonrecurring rates.

3-Year	10%
5-Year	35%

(C) TPP Termination Without Liability

- (1) A customer may terminate the DS3 Term Pricing Plan during the life of the plan without penalty by entering the system configuration into a new payment plan of equal or greater length prior to the expiration of the plan.

A customer may terminate the Term Pricing Plan during the life of the plan without termination liability if the service is upgraded (changed to a higher bandwidth/capacity service or to a higher speed service) through aggregation of existing services or service additions, and agrees to a new Term Pricing Plan of equal or greater length. Any additional circuits added to make up the upgrade would be subject to all applicable nonrecurring charges.

A customer who specifically requests a change of physical facilities or electronics in conjunction with an upgrade, will be treated as having terminated service and full nonrecurring charges will apply.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.22 DS3 Service Arrangement Term Pricing Plan (TPP) (Cont'd)(C) TPP Termination Without Liability (Cont'd)

(1) (Cont'd)

In the event that the Telephone Company initiates a rate increase and the total discounted monthly rate for the affected service increases by eight percent (8%) or more, the customer may cancel its TPP for the affected service without termination liability. The customer must exercise its option to cancel the TPP for the affected service within thirty (30) days of the date of the effective rate increase. Additionally, any existing TPP customer that experienced an increase in its total discounted monthly rate for a service between June 1, 1999 to January 11, 2000 may also exercise this option. The customer must notify the Telephone Company of its intent to exercise this option by February 10, 2000.

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.22 DS3 Service Arrangement Term Pricing Plan (TPP) (Cont'd)(C) TPP Termination Without Liability (Cont'd)

(2) Termination Liability will not apply when a customer meets the requirements for DS3 "portability." DS3 Portability is the replacement of a service under a TPP with another service for the balance of the TPP commitment period. DS3 Portability requirements are as follows:

- The TPP service to be discontinued must have been in service for a minimum of 1 year.
- The replacement service must be of the same capacity or type, and must not already be in a Term Pricing Plan.
- The orders to accomplish the replacement are placed with the Telephone Company at the same time with due dates within 90 days of each other, and are related by a Related Purchase Order Number.
- The quantities associated with the replacement are equal to or greater than the disconnected service.
- The replacement service is subject to any applicable nonrecurring charges.

(D) TPP Termination With Liability - Early Termination Provision

For any DS3 term plan services that are terminated prior to the end of the minimum period, the customer will be liable for 100% of the total monthly charges for the unexpired portion. Total monthly charges are calculated based upon the rate band determined in the last count taken.

DS3 Term Pricing Plans are provided in conjunction with an Early Termination Provision (ETP) agreement. ETP is calculated using either of the following options that provides the customer with the lowest termination liability.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.22 DS3 Service Arrangement Term Pricing Plan (TPP) (Cont'd)(D) TPP Termination With Liability (Cont'd)Option I

In addition to the minimum period liability of 100%, the customer will be liable for 15% of the total monthly charges for the remaining portion of the term plan.

Option II

In addition to the minimum period liability of 100%, the following applies:

- Where there is neither a basic Month-to-Month rate nor a TPP period less than the actual time the service has been in effect, Option 1 applies.
- Where there is no TPP period less than the actual time the service has been in effect, the termination liability charge will be the difference between the full basic Month-to-Month rate and the selected TPP monthly rate for the period the plan has been in effect after the minimum period.
- Where there is a TPP period less than the actual time the service has been in effect, the termination liability charge will be the difference between the monthly rate for the highest TPP period that could have been satisfied prior to discontinuation of the service and the monthly rate for the selected commitment period multiplied by the actual number of months the plan has been in effect after the minimum period.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.23 DS1 Term Pricing Plans (TPP)(A) Description

DS1 Term Pricing Plans are pricing options available to customers who subscribe to specific longer term commitment periods in exchange for reduced monthly rates. The minimum service period for month-to-month DS1 service is 2 months.

(1) DS1 Term Pricing Plans are available in 2, 3, 5, and 7-year commitment periods.

(2) Customers have the option of purchasing Entrance Facilities under one plan and Direct Trunked Transport under another plan, or under the month-to-month service plan. TPPs are available subject to the following:

- DS1 Term Pricing Plans are applicable to DS1 entrance facilities, direct trunked transport (Fixed and Per Mile), and associated DS1 Multiplexers (DS1 to Voice). The fixed and per mile rate elements and associated multiplexers for a given facility must be included in the same TPP; the entrance facilities and associated multiplexer must also be included in the same plan.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.23 DS1 Term Pricing Plans (TPP) (Cont'd)(A) Term Pricing Plans (TPP) Description (Cont'd)

- (3) Rates for Term Pricing Plans are detailed in Section 6.9.1. The nonrecurring rates for TPPs are the same as for month-to-month Service. Term Pricing Plans do not include optional features except for associated DS1 multiplexing in the DS1 TPPs. Other optional features are available at month-to-month Service rates.

Term Pricing Plans are not applicable to services in other rate plans.

- (4) If a customer establishes a Commitment Discount Plan (CDP) for at least one (1) service type listed in Section 25.1.1 following and subscribes to other services listed in Section 25.1.1 following at any time that a CDP is in effect, the customer may not establish or maintain a term plan for any services that are eligible for inclusion in CDP with the limited exception of IEF services as set forth in Section 25.1 following. (N)

(B) TPP Terms and Conditions

- (1) When requesting a Term Pricing Plan, the customer must specify the length of the desired commitment period and the services which are to be included in the plan.
- (2) When requesting any Term Pricing Plan activity regarding Entrance Facilities, the customer must specify by billing account and circuit identification number which circuits are to be affected.
- (3) When ordering Term Pricing Plan services, related rate elements must be ordered under the same plan. For example, both entrance facilities and any DS1 associated multiplexing for a given facility must be in the same plan and have the same service date. Similarly, both rate elements for Direct Trunked Transport, fixed and per mile and any associated DS1 multiplexing, must be in the same plan and have the same service date.
- (4) At the end of a TPP commitment period, the DS1 service(s) will be billed at the basic rate unless the customer subscribes to a new TPP.
- (5) Termination liability is assessed on entrance facilities, direct trunked transport fixed and per mile, and multiplexing rate elements.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.23 DS1 Term Pricing Plans (TPP) (Cont'd)(B) TPP Terms and Conditions

- (6) In the event that the Telephone Company initiates a rate increase and the total discounted monthly rate for the affected service increases by eight percent (8%) or more, the customer may cancel its TPP for the affected service without termination liability as set forth in (D) following. The customer must exercise its option to cancel the TPP for the affected service within thirty (30) days of the date of the effective rate increase. Additionally, any existing TPP customer that experienced an increase in its total discounted monthly rate for a service between June 1, 1999 to January 11, 2000 may also exercise this option. The customer must notify the Telephone Company of its intent to exercise this option by February 10, 2000.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP) (Cont'd)

(B) TPP Terms and Conditions (Cont'd)

(D)

(D)

(C) TPP Termination Liability

- (1) A termination liability payment is applicable when a service is disconnected in full or in part prior to the end of the selected commitment period or where the customer fails to comply with the conditions required for a TPP, except as set forth in (D) following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP) (Cont'd)

(C) TPP Termination Liability (Cont'd)

- (2) The termination liability payment applies to each entrance facility, direct trunked transport fixed and per mile, and multiplexing recurring rate element which is disconnected prior to the expiration of the commitment period of the Term Pricing Plan.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP) (Cont'd)

(C) TPP Termination Liability (Cont'd)

(3) The termination liability charge is calculated as (T)
set forth in (a) or (b) following: when
calculating termination liability charges, the
Telephone Company will apply the option which
provides the customer with the lowest termination
liability charge.

(a) Option I

For services discontinued within the first
year, the customer will be liable for 100% of
the total monthly charges for the unexpired
portion of the initial 12 months, and 15% of
the total monthly charges for the remainder of
the TPP commitment period.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.23 DSL Term Pricing Plans (TPP) (Cont'd)(C) TPP Termination Liability (Cont'd)

(3) (Cont'd)

(T)

(a) Option I (Cont'd)

For services discontinued after the first 12 months of a plan, customers will be liable for 15% of the total monthly charges for the remaining portion of their Term Pricing Plan commitment period.

(b) Option II

For services discontinued within the first year and prior to the end of the selected commitment period, the termination liability charge will be the difference between the full month-to-month rates and the TPP monthly rates for the period the plan has been in effect.

For services discontinued after the first 12 months of a plan but prior to the end of the selected commitment period, the following applies:

- Where there is no TPP period less than the actual time the services have been in effect the termination liability charge will be the difference between the full month-to-month rates and the selected TPP monthly rates for the period the plan has been in effect.
- Where there is a TPP period less than the actual time the services have been in effect, the termination liability charge will be the difference between the monthly rates for the highest TPP period that could have been satisfied prior to discontinuation of the service and the monthly rates for the selected commitment period multiplied by the actual number of months the plan has been in effect.

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.23 DS1 Term Pricing Plans (TPP) (Cont'd)(C) TPP Termination Liability (Cont'd)

(3) (Cont'd)

(T)

(b) Option II (Cont'd)

For example, if a customer subscribes to a 5-year TPP and disconnects service during the thirty-seventh month, the longest TPP period that could have been satisfied is three years. The customer's termination liability would be calculated as follows: (3-year monthly TPP rate - 5-year monthly TPP X 37 months).

(4) Termination liability will be computed as follows: (T)

At the end of the 12 months, 100% of the total monthly charges will be applied to the difference between the commitment level and the 12 month average of the actual entrance facilities or direct trunked transport.

(D) TPP Termination Without Liability

(1) In the event that the Telephone Company initiates a rate increase and the total discounted monthly rate for the affected service increases by eight percent (8%) or more, the customer may cancel its TPP for the affected service without termination liability. The customer must exercise its option to cancel the TPP for the affected service within thirty (30) days of the date of the effective rate increase. Additionally, any existing TPP customer that experienced an increase in its total discounted monthly rate for a service between June 1, 1999 to January 11, 2000 may also exercise this option. The customer must notify the Telephone Company of its intent to exercise this option by February 10, 2000.

(2) A request to change to a longer commitment period will nullify the current termination liability. All terms and conditions associated with the new TPP will apply.

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP) (Cont'd)

(D) TPP Termination Without Liability (Cont'd)

(3) Termination liability is not applicable if the customer requests to upgrade service to a higher capacity (e.g., DS1 to DS3) service and meets all of the following conditions:

- The new service is purchased under a long-term agreement equal to or greater than the commitment period of the service being disconnected.

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.23 DS1 Term Pricing Plans (TPP) (Cont'd)(D) TPP Termination Without Liability (Cont'd)

(3) (Cont'd)

- The orders for the disconnect of the existing TPP rate elements and the new connect are received by the Telephone Company at the same time, with due dates within 90 days of each other, and are related together by a Related Purchase Order Number (RPON).
- The total capacity of the service is greater than or equal to the capacity of the discontinued service(s).

(4) DS1 Termination liability will not apply when a customer meets the requirements for DS1 "portability". DS1 Portability is the replacement of a service under a TPP with another service for the balance of the TPP commitment period. DS1 Portability requirements are as follows:

- The replacement service must be of the same capacity or type, and must not already be in a Term Pricing Plan.
- The orders to accomplish the replacement are placed with the Telephone Company at the same time with due dates within 90 days of each other, and are related by a Related Purchase Order Number.
- The quantities associated with the replacement are equal to or greater than the disconnected service.

(D)

(D)

(E) Additions to TPPs

Customers with existing Term Pricing Plans who wish to increase the number of their DS1 services have the following options:

- Subscribe to the additional services under the month-to-month payment plan.
- Subscribe to the additional services under a separate Term Pricing Plan.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.23 DS1 Term Pricing Plans (TPP) (Cont'd)(F) Shared Use

In some instances customers choose to mix switched and special access channels on the same DS1 or DS3 facility. When ordering a new switched access facility covered by a TPP or when converting an existing month-to-month switched facility to a TPP, any special access channels that are shared on that switched facility must be covered by a special access TPP of the same term length.

Similarly, when ordering a new special access facility covered by a TPP or when converting an existing month-to-month special facility to a TPP, any switched access channels that are shared on that special facility must be covered by a switched access TPP of the same term length.

For those shared use facilities already under a special access term plan, customers will have 90 days from the effective date of the switched access term plan to select one of the following options: 1) Convert all switched facilities to the same term and expiration date as the special access facilities they are sharing by sending a written request to the Telephone Company; 2) Convert individual switched facilities to the same term and expiration date as the special access facilities they are sharing by using the standard ASR ordering process; 3) Terminate the current special access term plan and establish a new term plan of any length for both the special and switched access services by using the standard ASR ordering process; no termination liabilities will be assessed for termination of the special access plan. If the customer does not select one of the above options by the end of the 90 day period then the month-to-month switched access rates will be maintained.

(G) Plan Availability

Term Pricing Plans are only available in the following Jurisdictions: Washington, D.C., Pennsylvania, Maryland, New Jersey, Delaware, and Virginia.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.24 Reserved6.8.25 IntelliLight Services

(A) General

The Telephone Company's IntelliLight Services are a family of optional Switched Access high capacity services provided using SONET-based technology. IntelliLight Services include the following Switched Access services:

- IntelliLight Shared Assurance Network (ISAN), as set forth in (C)(2) following
- IntelliLight Shared Single Path (ISSP), as set forth in (C)(3) following
- IntelliLight Shared Dual Path (ISDP), as set forth in (C)(4) following
- IntelliLight Entrance Facilities (IEF), as set forth in (C)(5) following
- IntelliLight Optical Transport Services (IOTS), as set forth in (C)(6) following
- Verizon Dedicated SONET Ring (DSR), as set forth in Section 23.1 following

IntelliLight services are designed to meet customer requirements for reliable and survivable networks.

IntelliLight services are provided on SONET facilities. There are no provisions within the SONET standard for asynchronous DS1 to DS3 multiplexing.

Technical specifications are delineated in the following Technical References:

- | | |
|--|--------|
| GR-253-CORE, Issue 4 | (T) |
| "Synchronous Optical Network (SONET) Transport Systems: Common Generic Criteria" | (T) |
| GR-1374-CORE, Issue 1 | (C)(x) |
| "SONET Inter-Carrier Interface Physical Layer Generic Criteria for Carriers" | (T) |
| ANSI T1.105.01-2000 (R2005) "Synchronous Optical Network (SONET) - Basic Description including Multiplex Structure, Rates and Formats" | (C)(x) |

- (x) GR-253-CORE, Issue 4, replaces GR-253-CORE, Issue 3, in its entirety.
ANSI T1.105.01-2000 (R2005) replaces T1.105 in its entirety.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(B) Definitions

Add/Drop Multiplexing (ADM): a multiplexing function that allows lower level signals to be added or dropped from an optical carrier channel.

Customer Access Ring (CAR): a survivable fiber ring that is constructed through at least two Central Offices/Wire Centers. CARs utilize unidirectional path-switched ring ADMs, typically operating at OC3 and OC12 rates.

Fiber Path Diversity: the provision of service using at least two fibers placed on physically separate paths, i.e., different conduit runs that do not pass through the same manhole(s). The cable paths are separated by at least 25 feet.

Node: A DSR rate element and a designation of either a customer location or Telephone Company wire center on a SONET ring that has ADM capability. It is also the address of where a channelized (lower speed) service originates or terminates on a ring. Generally, the ring capacity determines the type of node. (T)

Optical Carrier Rate (OC #): a SONET transmission signal/speed, line rate, or service. The rates are in multiples of an OC1, which is equivalent to an STS1 (51.84 Mbps), SONET's basic rate.

<u>OC Rate</u>	<u>Bandwidth Capacity</u>
3	155.52 Mbps
12	622.08 Mbps
48	2.488 Gbps
192	9.952 Gbps

Optical Carrier Rate Concatenated (OC#c): a "clear channel" SONET transmission using only one framing format. Generally, an OC3 signal provides three STS1 frame formats with 3 overheads for a total capacity of 2268 bytes per Synchronous Payload envelope (SPE) frame; in an OC3c signal, one STS3c frame format is used with one overhead, increasing the total payload capacity to 2340 bytes per SPE frame.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(B) Definitions (Cont'd)

OC12/3 (OC12 over 3): a node designation that denotes a ring line rate of OC12, but with port interface capability and capacity equal to OC3. An OC12 DSR could have one, some or all OC12/3 nodes. (T)

OC12+3, OC48+3, OC192+3, OC192+12, and OC192+48: designations for nodes in ring-on-ring designs; the higher speed ADM is part of the true ring, and the lower speed ADM is connected for the purpose of mapping lower speed services onto the STS1s of the OC12, 48, or 192. Both nodes, the lower and higher speed node, of a ring-on-ring arrangement must be located in the same customer premises or wire center.

Port: a DSR rate element that denotes the interface at which a channelized or lower speed service terminates or originates at a DSR node. (T)

SONET (Synchronous Optical NETwork): an international standard for the transmission of high capacity bandwidth over optical facilities. This synchronous transmission platform utilizes a modular multiplexing approach. Because of the large bandwidth, some of the payload is used to monitor, protect, manage and improve the transmission of the signal.

IntelliLight Shared Single Path (ISSP): a 51.84 Mbps signal that is the electrical equivalent of the OC1 or a DS3 with additional Mbps devoted to SONET overhead information. An ISSP can carry a DS3 or 28 DS1s when specifically formatted (Mapped). However, DS1s within a DS3 are not accessible within SONET and their performance cannot be guaranteed for this reason. These DS1s may be accessed off-ring using the tariffed DS3 to DS1 multiplexing optional service.

Transmuxing: the function of a DSR DS3 Transmux port that performs a DS3 to DS1 conversion at a DSR Enhanced Node. The DS3 to DS1 conversion allows a single DSR DS3 Transmux port (which includes a DS3 Transmux Facility to which the DS1 circuits are mapped) to be a facility associated with up to twenty-eight (28) VT1.5 mapped DS1 ports. Such DS3 Transmux Facility will be provisioned upon ordering the associated DS1 Transmux port. Transmuxing within the DSR network retains DS1 visibility allowing for full, proactive maintenance capability of the DS1 signals. (T)

Virtual Tributary (VT): A SONET structure designed for transport of sub-STs1 payloads. A DS1 is mapped into the SONET format using a VT1.5 as a packaging mechanism that is internal to the SONET signal.

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions

(1) Reserved

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd)

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(C) Service Descriptions (Cont'd)

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6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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6.8.25 IntelliLight Services (Cont'd)

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(C) Service Descriptions (Cont'd)

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6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

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6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd)

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6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

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6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd)

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ACCESS SERVICE

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6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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ACCESS SERVICE

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6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(2) IntelliLight Shared Assurance Network, ISAN#

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IntelliLight Shared Assurance Network, ISAN, is a Switched Access offering that provides a LATA-wide network that maximizes fault tolerance and disaster recovery capabilities. The Telephone Company will ensure performance and reliability levels with 24-hour network surveillance.

ISAN consists of transmission facilities that are ordered and provisioned from end to end. ISAN service and billing components are entrance rings and transport channels.

The ISAN entrance ring is provided at customer designated Points of Presence (POP). POPs are primary customer locations where traffic within the LATA is aggregated or from which traffic is distributed in the LATA. The ISAN POP Entrance Ring is a high-speed SONET access ring with a minimum capacity of 12 STSls. This dedicated, self-healing, diverse fiber path SONET ring will have at least 3 access points or nodes, the POP and two wire centers, a Serving Wire Center (SWC) and an alternate Wire Center. At the customer's option, an ISAN POP Entrance Ring may include a fourth node, an additional POP node.

With ISAN, the customer's traffic is transported across the Telephone Company's network from a POP entrance ring at the customer's primary point of presence (POP) to a secondary customer designated premises (a.k.a., end office or tandem office).

Effective December 4, 2007, orders for new ISAN Entrance Rings or additional capacity for existing ISAN Entrance Rings are no longer permitted. The Telephone Company will continue to provide ISAN pursuant to this Section 6.8.25(C)(2) on any existing ISAN that is in-service as of December 3, 2007, or any order for ISAN that is placed with the Telephone Company prior to December 4, 2007 (collectively, Existing ISAN), subject to the following conditions:

(N)

For any Existing ISAN that is currently subscribed to a 5-year term plan or that is within a 60-day extension period immediately after expiration of a 5-year term plan, the Telephone Company will continue to provide the Existing ISAN for an additional six (6) months beyond the expiration date of the customer's current commitment period, or until the customer discontinues service, whichever comes first. Subject to availability of facilities and equipment, ISAN Transport Channels may be added up to the total capacity of the Existing ISAN Entrance Rings. Effective December 4, moves and rearrangements will no longer be permitted.

(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(2) IntelliLight Shared Assurance Network# (Cont'd) (T)

On-net: that part of the network containing survivable service capability, i.e. provisioned over diverse fiber path SONET ring(s). On-net rate elements are provisioned over diverse fiber path SONET facilities end to end.

ISAN is available only in those locations where SONET architecture is capable of providing specified levels of performance and reliability.

Service availability limited. Refer to # footnote on Page 6-268. (N)

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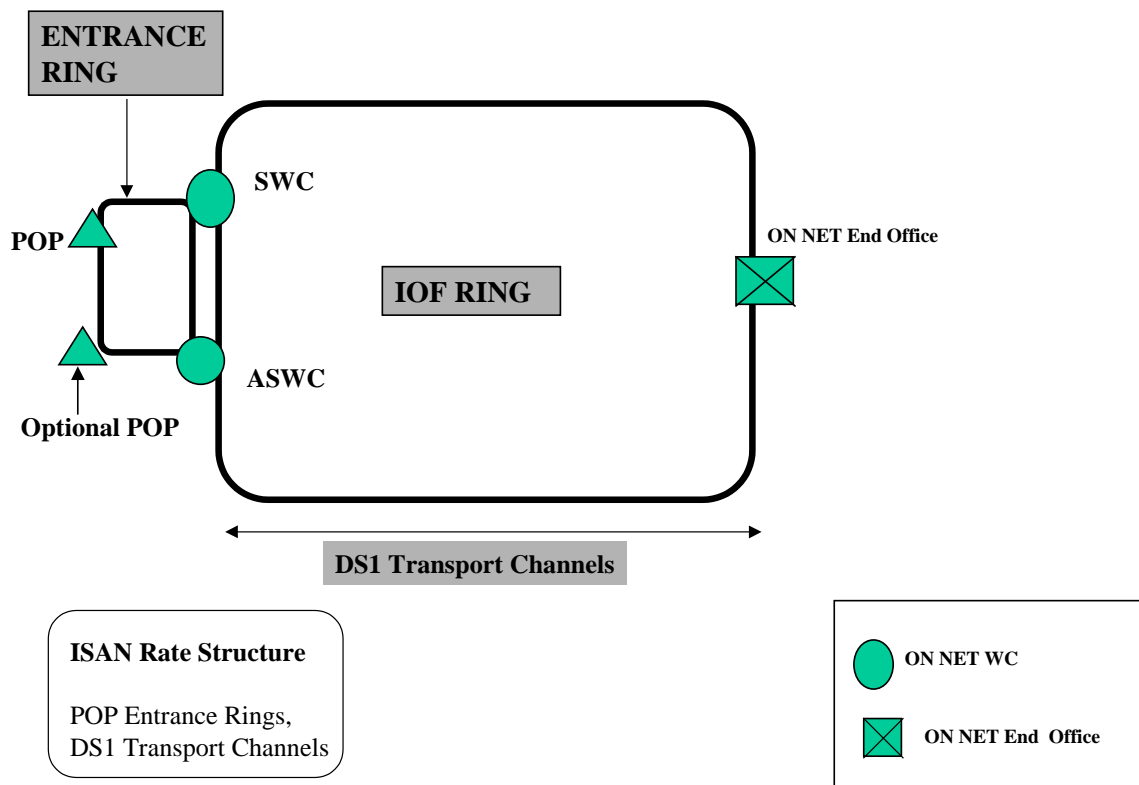
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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(3) IntelliLight Shared Assurance Network# (Cont'd) (T)

An illustration of ISAN is shown below:

IntelliLight Shared Assurance Network (ISAN)

Service availability limited. Refer to # footnote on Page 6-268.

(N)

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(2) IntelliLight Shared Assurance Network# (Cont'd) (T)(a) Terms and Conditions

ISAN is a LATA wide service.

ISAN requires a minimum service commitment of the greater of either 1) a minimum of 336 equivalent DS1 transport circuits within the LATA or 2) 90% of the customer's embedded base of high capacity access within the LATA. The minimum service commitment must be met within the first eighteen months of service, i.e., within the conversion period.

The 90% commitment level is for the total DS1 equivalency of all DS1 high capacity Switched Access circuits. The effective date of the customer's agreement letter with the Telephone Company will serve as the date the count is determined.

ISAN is available for a minimum commitment period of 5 years. The contract date will be the date the first new ISAN Transport Channel is installed or existing circuit is converted to ISAN.

All ISAN Transport Channels are provided with the same contract date regardless of when implemented and may be ordered and provisioned up to the contract date.

A customer's primary POP(s) must access the Telephone Company's network via ISAN POP Entrance Ring(s) with OC12 network interfaces. The customer must purchase a minimum of 4 STS3s of POP Entrance Ring capacity.

Additional capacity at each POP Entrance Ring can be further supplemented in increments of one STS3 as needed.

Service availability limited. Refer to # footnote on Page 6-268. (N)

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(2) IntelliLight Shared Assurance Network# (Cont'd) (T)(a) Terms and Conditions (Cont'd)

The Telephone Company will design and size entrance ring(s) and select the wire center nodes on entrance ring(s).

As an option, the customer may add a second POP to the ISAN POP Entrance Ring. The second POP must be for restoral only.

Dual entrances at customer premises and Telephone Company wire centers are not considered a standard feature but may be provisioned in accordance with special construction tariffs and rates.

The available POP to End Office or Tandem interface combinations are:

<u>POP</u>	<u>End Office or Tandem</u>
OC12	DS1

The customer has responsibility of providing CFA (connecting facility assignment) at the POP.

The Telephone Company will manage the transport network between the customer's CFA at the POP wire center(s) and the secondary premises, thus eliminating the need for intermediate DS3 Hubs.

Service availability limited. Refer to # footnote on Page 6-268. (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(2) IntelliLight Shared Assurance Network# (Cont'd) (T)(a) Terms and Conditions (Cont'd)

ISAN Transport Channels are available at two (2) levels of service, basic and premium.

Basic service provides automatic protection switching (APS) against fiber failures for the on-net portions of DS1 and higher capacity channels. On-net fiber path diversity provides fiber survivability with full redundancy from the customer's end office or tandem office to the POP (i.e., working and protect fiber path diversity).

Premium service provides APS against fiber failure and failure of intermediate electronics. Its dual path survivability provides near 100% fiber and Wire Center (intermediate electronics) survivability with full redundancy from the end office or tandem office to the POP.

Service availability limited. Refer to # footnote on Page 6-268. (N)

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(2) IntelliLight Shared Assurance Network# (Cont'd) (T)(a) Terms and Conditions (Cont'd)

The customer may add additional services (entrance ring capacity and transport channels) to ISAN at any time up to and including the expiration date of the contract period.

The ISAN contract period is for 5 years. Sixty days prior to contract expiration, the Telephone Company will notify the customer of pending expiration. If on the expiration date, the Telephone Company has not received any notice from the customer, the Telephone Company will continue to bill the customer at the current rate for the next sixty (60) days. The existing minimum commitment levels and termination liabilities will remain in effect for the 60-day extension period. If at the end of the sixty days, the Customer has not notified the Telephone Company to disconnect or renew service, the Customer's ISAN service will automatically be renewed at the currently effective 5 year rate and new service commitment levels will be established as of the new contract date.

Moves and rearrangements of services are subject to the same nonrecurring charges as a new installation.

ISAN is provided with a one minute service guarantee; see Section 2.7.1.1(B)(8)(a).

Service availability limited. Refer to # footnote on Page 6-268. (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(2) IntelliLight Shared Assurance Network# (Cont'd) (T)(b) Deployment and Availability

ISAN is available based on negotiated intervals as described in Section 5.2.1(B) preceding.

ISAN is only available where there is sufficient SONET technology in the network to meet the performance requirements for ISAN service.

The Telephone Company is solely responsible for ISAN deployment and design.

(c) Conversions

The ISAN minimum service commitment as defined in (6.8.25(C)(2)(a)) must be met within an eighteen (18) month conversion period. The ISAN conversion period begins on the date of receipt of the first ISAN order following the completion of Inter-operability Testing (see 6.8.25(C)(2)(f)).

Conversion of existing Telephone Company Switched Access high capacity services to ISAN is done without termination liability on the existing service(s). Any ISAN nonrecurring charges will apply.

During the conversion process, embedded services are charged the existing rate until converted. Services converted are charged the ISAN rates immediately.

Service availability limited. Refer to # footnote on Page 6-268. (N)

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(2) IntelliLight Shared Assurance Network# (Cont'd) (T)(d) Rate Regulations

Monthly recurring charges apply for the POP entrance rings and for the transport channels. Additional monthly charges apply for the two POP entrance ring option and for additional fiber mileage in the entrance ring.

- The POP Entrance Ring is rated per STS3 with a minimum of 4 STS3s and includes up to 10 air miles of fiber in the ring circumference. In addition, the rate includes low speed cards to be provisioned as needed.

Entrance rings over 10 miles in circumference are billed an additional charge for each mile over 10 for each group of 16 STS3s (16 STS3s is the marker used to determine when to build another or new ring).

The optional two POP entrance ring has the same rate structure as the standard one POP ISAN entrance ring.

Service availability limited. Refer to # footnote on Page 6-268. (N)

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(3) IntelliLight Shared Assurance Network# (Cont'd) (T)(d) Rate Regulations (Cont'd)

- The ISAN Transport Channels are rated based on capacity and service level. The banded flat rate includes IOF mileage. The rate bands are mileage sensitive.

The two levels of service are basic and premium.

Nonrecurring charges are applicable for installations, rearrangements, and changes.

Upon completion of conversion, the customer is subject to the following minimum monthly charges:

- the full monthly rate for the 90% commitment level of transport channels unless the actual count exceeds the commitment level; then the billing will be for the actual count

or not less than

336 DS1 equivalent transport links. Any shortfall is rated as Basic On-net in the 0-3 Mile Band.

- 4 STS3s for each ISAN POP entrance location.

Service availability limited. Refer to # footnote on Page 6-268. (N)

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(2) IntelliLight Shared Assurance Network# (Cont'd) (T)(e) Termination Liability

During the conversion period, the customer may terminate its commitment for ISAN service without termination liability if the total number of in-service DS1 equivalent transport services is less than one hundred (100).

In all other instances, ISAN is subject to termination liabilities if the entire service is terminated or individual services are disconnected during the commitment period as follows.

During the conversion period, termination liability applies as follows:

- If the full ISAN contract is terminated prior to the customer satisfying the minimum service commitment (i.e., 336 equivalent DS1s or the 90% commitment level, whichever is greater), the termination charge is 100% of the monthly rate for each Transport Channel that is in service as of the cancellation date and 100% of the monthly rate for the minimum 4 STS3s at the POP Entrance Ring for each month remaining in the conversion period; plus, a charge of 25% of the monthly rate for the minimum service commitment (Entrance ring and Transport Channels) for month nineteen (19) through the remainder of the 5 year service period. The monthly charge for the shortfall in Transport Channels will be assessed at the 0-3 Mile Band rate.
- If the contract is terminated and the minimum service commitments have been met, the termination liability is 100% of the monthly recurring charges for all of the transport channels and entrance ring STS3s in service on the cancellation date for the first 18 months plus 25% of the monthly charges for the remainder of the five year contract period.

Service availability limited. Refer to # footnote on Page 6-268. (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(2) IntelliLight Shared Assurance Network# (Cont'd) (T)(e) Termination Liability (Cont'd)

- If individual ISAN POP Entrance Ring STS3s or ISAN Transport Channels are disconnected during the conversion period, no termination liability is assessed.

After conversion but prior to contract expiration, liability applies as follows:

- If the entire ISAN contract is cancelled, the liability charge is 25% of the monthly rate for the minimum service commitments (i.e., 4 STS3s and the greater of either 336 equivalent DS1s or the 90% commitment level count for DS1s) for each month remaining in the contract period.
- If individual ISAN POP Entrance Ring STS3s and ISAN Transport Channels are disconnected after the conversion period but prior to contract expiration, no termination liability charges apply. The minimum monthly charge may apply.

The customer may reduce the 90% commitment count by paying termination liability on the amount of circuits by which it reduces the commitment count. However, the commitment level can never be reduced below 336 equivalent DS1s. Termination liability is described above.

Termination liability will be forgiven and the 90% commitment level will be reduced without penalty if the customer's reduction is due to the loss of a federal government contract (e.g., FTS 2001).

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(2) IntelliLight Shared Assurance Network# (Cont'd)

(f) Initial Ordering Period

In the event that within 60 days of the installation of the first end to end ISAN order, service does not meet transmission performance, protection switching and performance monitoring criteria referenced in this tariff (Technical Reference GR-253-CORE, Issue 4) either (1) the customer may cancel its request for ISAN without termination liability; or (2) the Telephone Company will inform the customer that its request for ISAN can not be satisfied, in which case no termination liability would be applicable.

(C)(x)

(x) GR-253-CORE, Issue 4, replaces GR-253-CORE, Issue 2, in its entirety.

Service availability limited. Refer to # footnote on Page 6-268.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(3) ISSP Service(a) General Description

ISSP, IntelliLight Shared Single Path, is an STS1 (Synchronous Transport Signal Level 1) channel for the SONET transmission of 51.84 Mbps of data. The signal consists of overhead and a Synchronous Payload Envelope (SPE). The overhead portion of the signal is used for controlling, framing and maintaining the signal. The SPE contains the customer information.

ISSP is provisioned over the Company's shared SONET network using an ADM operating in a ring mode and diversely routed fiber between the SWC and the customer's premises. ISSP channel service may be hubbed to an STS1/DS1 multiplexer.

ISSP Entrance Facility is provided an STS1 interface. The network channel interfaces define the bit rates that are available. Network Channel interfaces and codes are described below:

<u>Interface</u>	<u>Codes</u>
STS1	O4ST6.A

ISSP service is transported through the IOF (Interoffice facilities) as STS1 with VT1.5 mapping.

Rates are specified in 6.9.1.5 following.

(b) Optional Features and Functions

ISSP service can be multiplexed. DS1s mapped as VT1.5s within an ISSP can be multiplexed with the required optional feature of STS1/DS1 multiplexing.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(3) ISSP Service (Cont'd)

(c) Terms and Conditions

ISSP is available on a month-to-month basis,
or as a 3-year or 5-year term plan.

The minimum service period for ISSP is twelve
months.

ISSP services are provided where SNET
facilities are available with sufficient
bandwidth capacity to meet the customer's
request.

Customers who order a Switched Access ISSP
must map the signal as VT1.5 (see definitions
for Virtual Tributary and SNET in Section
6.8.25(B) preceding).

ISSP entrance facilities, channel mileage and
optional features are subject to the
guarantees set forth in Section
2.7.1.1(B)(10) preceding for service
interruptions.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(3) ISSP Service (Cont'd)(d) Termination Liability

ISSP service may be cancelled without termination liability when cancellation of the ISSP service occurs within thirty (30) days of the effective date of a Telephone Company initiated rate increase of eight percent (8%) or more on the customer's recurring rates. Additionally, any existing ISSP customer that experienced an increase in its recurring rates for service between June 1, 1999 to January 11, 2000 may also exercise this option. The customer must notify the Telephone Company of its intent to exercise this option by February 10, 2000.

Termination liability does not apply for conversions to a longer term plan.

Termination liability does not apply if the customer meets the requirements for portability which is defined as the replacement of an ISSP rate element with a like rate element for the balance of the commitment period. Portability requirements are as follows:

- The replacement ISSP rate element must not already be in a term plan.
- The orders to accomplish the replacement are placed with the Company at the same time with due dates which are within 90 days of each other, and are related by a related purchase order number.
- The service may be moved to another location in the same Company operating territory, provided that the service was maintained in the initial location for one year.
- The replacing ISSP rate element is subject to all applicable nonrecurring charges and minimum period requirements.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(3) ISSP Service Cont'd)(d) Termination Liability (Cont'd)

Termination liability does not apply when the service is changed to a higher bandwidth SONET service with a commitment period that is equal or longer in length than the current term plan.

Except as set forth above, the customer must fulfill its term plan for the entire period, or be subject to termination liability. Termination liability charges are in addition to any charges associated with the customer satisfying the minimum service requirement of one year on its ISSP services.

Termination charges are calculated as follows:

- If the disconnect occurs during the first year of service, termination liability is calculated at 100% of the monthly charges for the unexpired portion of the first year, and at 15% of the monthly charges for the remainder of the term plan.
- If the disconnect occurs after the first year of service, termination liability is calculated at 15% of the monthly charges from the date of disconnection through the remainder of the term plan.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(3) ISSP Service (Cont'd)(e) Rate Regulations

ISSP service rate elements are Entrance Facility, Direct Trunked Transport and STS1/DS1 Multiplexing.

The Entrance Facility rate element provides for the communications path between a customer designated premises and the SWC (serving wire center) of that premises. Included, as part of the Entrance Facility is a standard interface. Switched ISSP transport is provided with an STS1 interface.

The Direct Trunked Transport rate element provides transport between SWCs and through the IOF. The rates and charges for ISSP include channel mileage, which consist of a Fixed rate and a rate Per Mile. The manner in which the Direct Trunked Transport rate element is measured and applied is in accordance with the regulations set forth in Section 6.8.13 preceding.

The STS1/DS1 Multiplexing rate element applies when the optional feature of STS1 to DS1 Multiplexing is ordered.

The rates and charges for any other Switched Access service connected to ISSP are subject to the rates and charges for the specific service being provided.

Nonrecurring charges apply for the installation of each Entrance Facility and for the installation of STS1/DS1 Multiplexing.

Rates are specified in 6.9.1.5, following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(4) IntelliLight Shared Dual Path

IntelliLight Shared Dual Path, ISDP, is an optional feature that provides High Capacity Switched Access customers with a fully diverse and redundant transmission path through another wire center as a standby facility should there be a wire center fault at the customer's serving wire center (SWC), or should there be a cable cut between the customer's premises and the serving wire center or between wire centers.

ISDP may terminate at a Hub where the underlying service may be multiplexed to higher or lower speed services. These rates are listed in Sections 6.9.1.1 and 6.9.1.5 following.

ISDP will provide a Switched Access High Capacity customer a near-100% protected connection from point-to-hub when the designated premises and Telephone Company wire center hub are on the same or interconnected SONET rings.

(a) Terms and Conditions

IntelliLight Shared Dual Path will only be available as an end-to-hub service between a customer premises and a Telephone Company wire center hub located where the Telephone Company has multi-wire center SONET-based fiber rings deployed in its local loop and IOF, Inter-Office Facilities.

ISDP may also be provided on a portion of the circuit path of an end-to-hub service, in cases where full SONET facilities do not exist or are not required.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(4) IntelliLight Shared Dual Path (Cont'd)(a) Terms and Conditions (Cont'd)

ISDP service at the customer premises will consist of a fiber ring routed through at least two wire centers, one of which is the customer's SWC. Interoffice rings connecting multiple wire centers will provide transport between a customer's premises ring and their wire center hub.

ISDP service is available for the same term plan periods offered for DS1, DS3, ISSP, and IEF services. When ordered on an existing service, the ISDP optional service is assigned the same expiration period as the underlying service.

ISDP service intervals are negotiated as described in 5.2.1(B) preceding.

When STS1 signals are transmitted, the customer must specify how the signal is mapped, VT 1.5 or DS3-mapped (see definition of Virtual Tributary in 6.8.25(B) preceding).

Extended Superframe Format (ESF) is required on all DS1 services in order to ensure performance objectives.

The Company will determine the other wire center(s) included in provisioning ISDP.

The Company will determine the type (e.g., bidirectional) of self-healing ring that will be utilized and the path of the primary and secondary signals within interconnected rings.

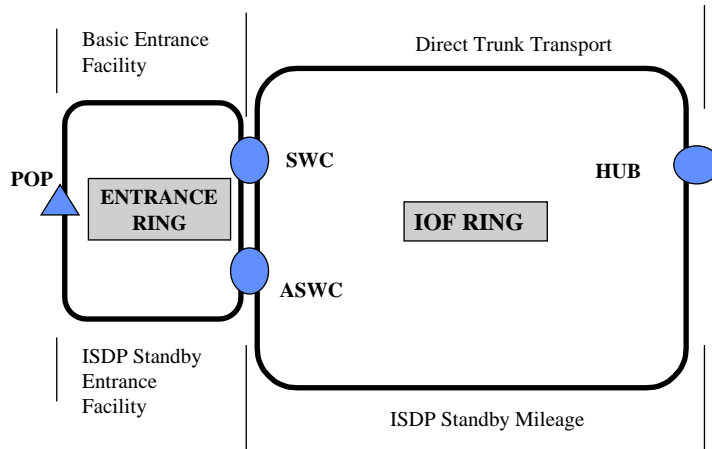
(This page filed under Transmittal No. 23)

Issued: April 13, 2001

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Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE



SWC = Serving Wire Center
ASWC = Alternate Serving Wire Center

Cont'd)

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(This page filed under Transmittal No. 23)

Issued: April 13, 2001

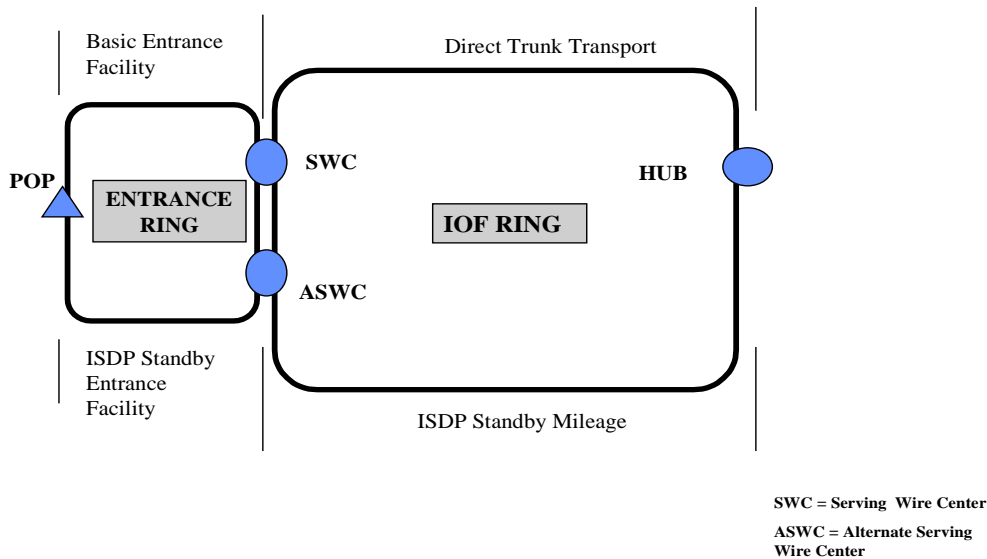
Effective: April 28, 2001

Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)(4) IntelliLight Shared Dual Path (Cont'd)(b) Rates and Charges

The rates for IntelliLight Shared Dual Path as specified in 6.9.1.6 apply per point of termination and are in addition to the Entrance Facility and Direct Trunk Transport rates and charges for the underlying High Capacity service(s). In addition to the ISDP Standby Entrance Facility and Standby Mileage recurring charges, one-time nonrecurring charges also apply for each Entrance Facility. See below:



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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF)#

(T)

IntelliLight Entrance Facilities, IEF, provides customers with high capacity access between their premises and their Serving Wire Center over a self-healing SONET ring. The SONET ring will pass through the customer's serving wire center and one other wire center as determined by the Telephone Company. The customer is assured a continuity of communication between the customer premises and the Serving Wire Center (SWC) even if there is a fiber facility failure between the premises and the SWC.

(a) Definitions

Add/Drop Multiplexing, (ADM): a multiplexing function that allows lower level signals to be added or dropped from an optical carrier channel.

Effective August 30, 2007, new orders for IEF utilizing (i) Terminations other than STS1/51.84 Mbps Terminations; or (ii) Interfaces other than STS1 Electrical Interfaces or DS3 Electrical Interfaces are no longer permitted. The Telephone Company will continue to provide IEF pursuant to this Section 6.8.25(C)(5) on any existing IEF that is already in-service as of August 30, 2007, or on any order for IEF that is placed with the Telephone Company prior to August 30, 2007 (collectively, Existing IEF), subject to the following conditions:

(N)

- a. For any Existing IEF that is currently subscribed to a term plan (i.e., commitment periods of 3- and 5-years), the Telephone Company will continue to provide Existing IEF for an additional six (6) months beyond the expiration date of the customer's current commitment period, or until the customer replaces the Existing IEF with a comparable Telephone Company provided service, or discontinues service, whichever occurs first. Orders involving additions and/or changes to Existing IEF are not permitted after August 30, 2007.
- b. For any Existing IEF whose term plan expired prior to August 30, 2007, but the Existing IEF continues on a month-to-month basis at prevailing rates, the Telephone Company will continue to provide the Existing IEF until February 29, 2008, or until the customer replaces the Existing IEF with a comparable Telephone Company provided service, or discontinues service, whichever occurs first. Orders involving additions and/or changes to such Existing IEF are not permitted after August 30, 2007.

(N)

Certain material previously appearing on this page currently appears on Original Page 6-290.1

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1300 I Street, NW, Washington, D.C. 20005

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF)# (Cont'd)

(T)

(a) Definitions (Cont'd)

Fractional OC# Interface: a feature of IEF that provides either an OC3 or OC12 optical network interface at the customer's premises. Fractional capacity equal to or less than the OC# level can be activated by the customer. Capacity is ordered and billed in increments of STS1, STS3, or STS12.

(M)

Optical Carrier Rate, (OC#): A SONET Transmission signal/speed, line rate, or service.

<u>OC Rate</u>	<u>Bandwidth Capacity</u>
3	155.52 Mbps
12	622.08 Mbps
48	2.488 Gbps

IntelliLight Entrance Facilities, (IEF): an alternative service that enhances channel termination survivability.

Synchronous Optical NETwork, (SONET): an international standard for the transmission of high capacity bandwidth over optical facilities.

(M)

Certain material currently appearing on this page previously appeared on Original Page 6-290

Service availability limited. Refer to # footnote on Page 6-290.

(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF)# (Cont'd)

(T)

(a) Definitions (Cont'd)

Synchronous Transport Signal Level (STS): a 51.84 Mbps signal that is the electrical equivalent of the OC1 or a DS3 with additional Mbps devoted to SONET overhead information. An STS1 can carry a DS3 or 28 DS1s when specifically formatted (Mapped). However, DS1s within a DS3 are not accessible within SONET and their performance cannot be guaranteed for this reason. These DS1s may be accessed off-ring using the DS3 to DS1 multiplexing, a High Capacity optional service. Multiple STS1s, i.e. STS3 and STS12, equal 155.52 and 662.08 Mbps respectively.

Virtual Tributary, (VT): A SONET structure designed for transport of Sub-STS1 payloads. A DS1 is mapped into the SONET format using a VT1.5 as a packaging mechanism that is internal to the SONET signal.

(b) Service Description

IEF is provisioned over a Telephone Company self-healing SONET ring that passes through Telephone Company wire centers and the customer's location. One of the wire centers must be the customer's SWC; the other wire center(s) is chosen by the Telephone Company.

IEF service consists of an IntelliLight Entrance Facility and an Interface when applicable. Technical Specifications for IEF service are the same as for IntelliLight Service; see Section 6.8.25(A).

The IEF Termination is a rate category that provides STS1 bandwidth between the customer's designated premises and the SWC of that premises. It can also be provided in multiples of STS1, i.e. STS3 or STS12.

Service availability limited. Refer to # footnote on Page 6-290.

(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF)# (Cont'd)

(T)

(b) Service Description (Cont'd)

Each IEF Termination requires the customer to specify the type of electrical or SONET optical interface.

The electrical IEF Interface defines the type of Switched Access service that is to be provided. Two electrical interface types are available: DS3 (44.736 Mbps) and STS1 (51.84 Mbps). If the customer orders a DS3 or STS1 Interface, there will be one Interface per Termination.

Three optical interfaces are available: OC3 (155.52 Mbps), OC12 (622.08 Mbps), and OC48 (2.488 Gbps). The OC3 and OC12 optical interfaces are provided in a manner that allows fractional capacity to be activated in increments of STS1s. Fractional optical interface Terminations can be connected to lower speed Switched Access services.

The entire bandwidth of the OC48 interface, which is provisioned using one Company ADM at the customer's SWC and a fiber interconnection (mid-span meet) at the customer's designated premises, is completely committed to the customer. It operates in a terminal/linear mode with diversely routed fiber between the SWC and the customer's premises. To ensure network security, the Data Communications Channel in the SONET overhead is turned off. The handoff, mid-span meet-point at the customer's premises is at a site mutually agreed upon that provides access to both the Company and the customer. The handoff is a 4 fiber, 1 x 1 protection.

Service availability limited. Refer to # footnote on Page 6-290.

(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF)# (Cont'd)

(T)

(b) Service Description (Cont'd)

Each IEF Termination can be connected to other Switched Access entrance facilities via the Telephone Company's interoffice facilities (IOF). The IOF transport for IEF Terminations are DS3s and VT1.5 mapped STS1s.

Interoffice mileage, when applicable, will apply at an ISSP rate or at other channel mileage rates for the appropriate High Capacity service being transported over the IOF. An IEF Termination with an IEF DS3 Interface is transported in the IOF as DS3 service, and is billed at DS3 channel mileage rates. An IEF Termination with an IEF STS1 Interface is transported in the IOF as ISSP and is billed as ISSP mileage.

Service availability limited. Refer to # footnote on Page 6-290.

(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

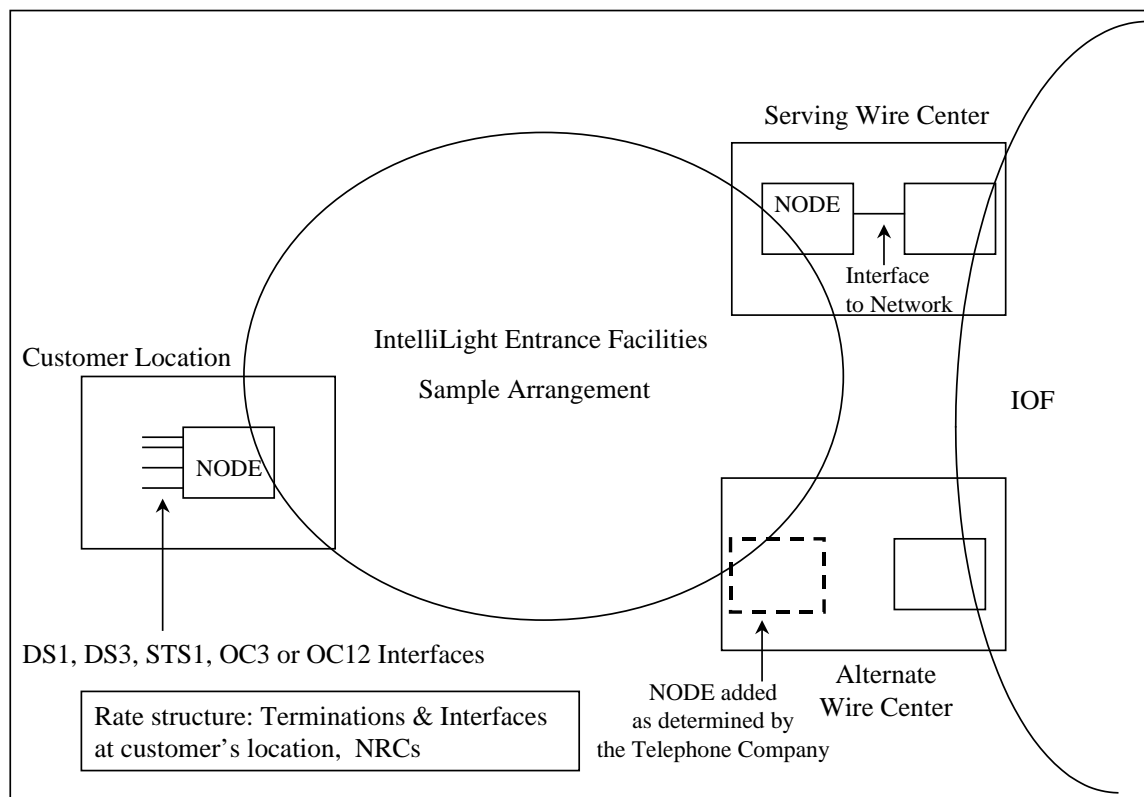
(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF)# (Cont'd)

(T)

(b) Service Description (Cont'd)

An IEF service is shown below:



Service availability limited. Refer to # footnote on Page 6-290.

(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF)# (Cont'd)

(T)

(c) Optional Features and Functions

Survivability from the IEF SWC to other network service locations can be obtained through the purchase of service options, such as IntelliLight Shared Dual Path (ISDP), which provides a high level of service survivability (see Section 6.8.25(C)(3)). Another option which enhances survivability through diversity is Alternate Serving Wire Center, ASWC; see High Capacity Service Optional Features and Functions, Section 6.1.2(A)(8).

DS1s multiplexed into a DS3 occurs outside the SONET network, and requires DS3 to DS1 multiplexing at the wire center; see Optional Features in Section 6.1.2(A)(8) preceding. DS1s mapped as VT1.5s in an ISSP service can be demultiplexed with the optional STS1/DS1 Multiplexing feature at designated wire centers. STS1/DS1 Multiplexing is described in Section 6.8.25(C)(3)(b).

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(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF)# (Cont'd)

(T)

(d) Terms and Conditions

IEF is available for 3 and 5-year commitment periods.

Once the term period expires, the rate of the expiring selected rate plan will continue until the customer cancels service or requests a new rate plan.

At the option of the customer, IEF service may be included under a Commitment Discount Plan as specified in Section 25.1 following.

If a customer establishes a Commitment Discount Plan (CDP) for at least one (1) service type listed in Section 25.1.1 following and subscribes to other services listed in Section 25.1.1 following at any time that a CDP is in effect, the customer may not establish or maintain a term plan for any services that are eligible for inclusion in CDP with the limited exception of IEF services as set forth in Section 25.1 following.

The customer may add additional IEF Interfaces and Terminations to an existing IEF service plan. However, in order to add additional Interfaces and Terminations to an existing IEF Service plan, there must be at least 1 year remaining in the term of the commitment plan. IEF plans with less than 1 year remaining in the commitment period will not be eligible for additional Interfaces or Terminations. Where additional Interfaces or Terminations are added subject to the criteria specified preceding, they must remain in service to the end of the commitment period of the IEF service plan to which they are added or termination liability will apply.

Customers who order an STS1 Interface must specify how the signal is mapped, VT1.5 or DS3-mapped (see definitions for Virtual Tributary and SONET).

Service availability limited. Refer to # footnote on Page 6-290.

(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF)# (Cont'd)

(d) Terms and Conditions (Cont'd)

The Customer, when purchasing the OC48 Interface service, is solely responsible for the installation and maintenance of its SONET transmission equipment. The customer's equipment must conform to the technical standards as previously cited

Asynchronous multiplexing of DS1s into a DS3 occurs outside the SONET network and requires DS3 to DS1 Multiplexing at a Telephone Company Hub at the existing tariff rates. (C)

Synchronous mapping of DS1s as VT1.5s occurs inside the SONET network and requires STS1 to DS1 Multiplexing at the tariffed rates. (C)

Service is available based on negotiated intervals, as described in 5.2.1(B) preceding.

If the customer premises (i.e., interexchange carrier Point of Presence, or end user location) is located in the same building as one of the connecting wire centers, the diversity between the wire center and the customer premises may be limited by the physical paths available to connect the wire center and the premises.

The customer will be billed additional charges for any charges levied the Telephone Company for space and power requirements at the customer's premises to place ADMs on the Company's side of the network Interface.

IEF service may be used in conjunction with Switched Access High Capacity service option of Alternate Serving Wire Center, ASWC, or IntelliLight Shared Dual Path, ISDP.

IEF service may also be connected to the following Telephone Company provided services, provided that such connections are technically and operationally feasible, as determined by the Telephone Company:

- point-to-point SONET service
- Ethernet private line service
- dedicated SONET ring service

Service availability limited. Refer to # footnote on Page 6-290.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF)# (Cont'd)

(T)

(e) Termination Liability

IEF service may be canceled without termination liability when cancellation of the IEF service occurs within thirty (30) days of the date of a Telephone Company initiated rate increase of eight percent (8%) or more on the customer's recurring rates (i.e., if the customer's combined charge for the IEF Termination and its associated Interface(s) should increase). Additionally, any existing IEF customer that experienced an increase in its recurring rates for service between June 1, 1999 to January 11, 2000 may also exercise this option. The customer must notify the Telephone Company of its intent to exercise this option by February 10, 2000.

Termination liability will not apply for conversions to a longer term commitment period plan.

Termination liability will not apply if the customer meets the requirements for portability. Portability is the replacement of an IEF Termination with another for the balance of the commitment period. Portability requirements are as follows:

- The replacement Termination must not already be in a term plan.
- The orders to accomplish the replacement are placed with the Telephone Company at the same time with the due dates within 90 days of each other, and are related by a related purchase order number.
- The aggregate interface bandwidth associated with the Termination replacement are equal to or greater than the disconnected service.

Service availability limited. Refer to # footnote on Page 6-290.

(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF)# (Cont'd)

(T)

(e) Termination Liability (Cont'd)

- The service may be moved to another location in the Telephone Company region, provided the service was maintained in the initial location for one year.
- The replacement service is subject to applicable nonrecurring charges.

Other than these above exceptions, a customer must fulfill his term plan for the entire capacity, or be subject to termination liability for that portion of capacity that was not in place the entire term. In addition to the one year minimum period on services subsequently added, termination liability is calculated as follows:

If a customer disconnects service during the first year, termination liability will be calculated at 100% of the monthly charges for the unexpired portion of the first year, and at 15% of the remainder of the term. If the disconnection takes place after the first year, termination liability is calculated at 15% of the monthly charges for the remainder of the term.

(f) Conversions

Customers who wish to convert existing High Capacity Switched Access facilities to IEF may do so without termination liability as long as the total capacity of Switched Access service at their premises does not decrease. A new contract period is begun with the conversion; no credit is given for time-in-service on the new term plan. Applicable nonrecurring charges for new installations, rearrangements, or moves will apply.

Service availability limited. Refer to # footnote on Page 6-290.

(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF)# (Cont'd)

(T)

(g) Deployment

(M)

Service is provided where SONET facilities and bandwidth are available that can provide the requested interface. Generally, service will be available in the same service areas as specified for IntelliLight Shared Dual Path Service, as shown in Section 6.8.25(C)(4) preceding.

(h) Rate Regulations

(M)

- (1) Monthly rates, as set forth in Section 6.9.1.2(A) following, apply to IEF Terminations. The monthly rates are differentiated by the term plan and IEF Interface selected by the customer. Nonrecurring charges, as set forth in Section 6.9.1.2(C) following, apply to initial and subsequent installations of IEF Terminations.

(T)

(T)

- (2) Additionally, the monthly rates for IEF Terminations apply on a tapered schedule as set forth in Section 6.9.1.2(A) following. The monthly rate to be billed for each IEF Termination is based on the total number of IEF Terminations that are in-service on the bill date of each month, and applies on a per customer designated premises and per Billing Account Number (BAN) basis. To determine the total number of IEF Terminations for the bill period, the Telephone Company will count (i) all IEF Terminations; and (ii) all Telephone Company provided SONET entrance facilities that are provided in connection with a Telephone Company provided point-to-point SONET service or ethernet private line service that terminate at such customer designated premises, inclusive of all such IEF Terminations and SONET entrance facilities that are in service and billed under the same BAN.

(N)

- (3) For example, a customer purchases five (5) IEFs that are in-service at three (3) different customer designated premises, with the 5 IEFs being billed under two (2) different BANs.

- (a) The first customer designated premises has two (2) IEFs, one with fifteen (15) in-service STS1 IEF Terminations and the other with five (5) in-service STS1 IEF Terminations for a total of twenty (20) STS1 IEF Terminations. Both IEFs are billed under the same BAN. The monthly rate to be billed for each IEF Termination in the 2 IEFs at the first customer designated premises is the monthly rate shown for 20 STS1 IEF Terminations. Monthly rates for STS1 IEF Terminations are set forth in Section 6.9.1.2(A) following and apply in accordance with Section 14.7 following.

(N)

(M) Certain material currently appearing on this page previously appeared on Original Page 6-300

Service availability limited. Refer to # footnote on Page 6-290.

(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF)# (Cont'd) (T)

(h) Rate Regulations (Cont'd)

(3) (Cont'd)

(b) The second customer designated premises has two (2) IEFs, one with twenty (20) in-service STS1 IEF Terminations and the other with twenty-two (22) in-service STS1 IEF Terminations, for a total of forty-two (42) STS1 IEF Terminations. Each IEF at the second customer designated premises is billed under a separate BAN. The monthly rate to be billed for the IEF with 20 STS1 Terminations is the monthly rate shown for 20 STS1 IEF Terminations. The monthly rate to be billed for the IEF with 22 STS1 Terminations is the monthly rate shown for 22 STS1 IEF Terminations. Monthly rates for STS1 IEF Terminations are set forth in Section 6.9.1.2(A) following and apply in accordance with Section 14.7 following. (N)

(c) The third customer designated premises has one (1) IEF with nine (9) in-service STS1 IEF Terminations billed under the same BAN. The monthly rate to be billed for each such IEF Termination is the monthly rate shown for 9 STS1 IEF Terminations. Monthly rates for STS1 IEF Terminations are set forth in Section 6.9.1.2(A) following and apply in accordance with Section 14.7 following.

(4) Monthly rates for electrical IEF Interfaces are set forth in Section 6.9.1.2(B) following and apply in accordance with Section 14.7 following. When a customer orders an IEF with an STS1 IEF Termination and an electrical interface, both the monthly rate for the electrical IEF Interface (as set forth in Section 6.9.1.2(B) following) and the monthly rate for the STS1 Termination (as set forth in Section 6.9.1.2(A) following) apply. The monthly rates are differentiated by the term plan selected by the customer. Nonrecurring charges as set forth in Section 6.9.1.2(C) following apply to each electrical IEF Interface installed. (N)

Certain material previously appearing on this page currently appears on Original Page 6-299.1

Service availability limited. Refer to # footnote on Page 6-290. (N)

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(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)

(6) IntelliLight Optical Transport Service (IOTS)#

(T)

(a) General

IntelliLight Optical Transport Service (IOTS) provides managed optical transport of multiple protocols that are transmitted over a single fiber optic pair. IOTS is configured in a diversely routed ring architecture or topology. The ring architecture allows for point-to-point optical services of varying wavelengths to be multiplexed on or off of the ring.

IOTS allows for the native transmission of multiple high-speed protocols of various wavelengths over a single customized network. The wavelengths are arranged in a channelized format such that the protocol transmitted over each channel is independent of every other channel on the IOTS ring. The customer must specify, by channel, the interface that defines the transmission speed and protocol being transmitted over the associated wavelength.

(b) Terms and Conditions

IOTS provides connectivity to multiple customer designated locations (nodes). However, an IOTS ring must have a minimum of three nodes at different locations or two nodes at different locations with a network optimization mid-span amplifier. At least one of the devices (node or amplifier) must be located in a Company Central Office (CO) and one must be located at a customer's designated premises.

The IOTS ring is comprised of managed nodes, ring mileage, network optimization (amplification) and optical transport channels. These elements are described in (c) following and are provided at the rates set forth in Section 6.9.1.7 following.

Effective February 15, 2007, orders for new IOTS rings (including both partial and full rings) are no longer permitted. The Telephone Company will continue to provide IOTS pursuant to this Section 6.8.25(C)(6) on any existing IOTS that is in-service as of February 15, 2007, or any order for IOTS that is placed with the Telephone Company prior to February 14, 2007 (collectively, Existing IOTS), subject to the following conditions:

(N)

- a. For any Existing IOTS that is currently subscribed to a term plan (i.e., commitment periods of 3-, 5-, and 7-years), the Telephone Company will continue to provide the Existing IOTS for an additional six (6) months beyond the expiration date of the customer's current commitment period, or until the customer discontinues service, whichever comes first. Subject to availability of facilities and equipment, certain moves, additions and/or changes to the Existing IOTS are permitted provided that such moves, additions and/or changes do not require a new commitment period or an extension to an existing commitment period.
- b. For any Existing IOTS whose term plan expired prior to February 15, 2007, but the Existing IOTS continued on a month-to-month basis at prevailing rates, the Telephone Company will continue to provide the Existing IOTS until August 16, 2007, or until customer discontinues service, whichever comes first. Moves, additions, and/or changes are not permitted.

(N)

(Issued under Transmittal No. 771)

Issued: January 31, 2007

Effective: February 15, 2007

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(6) IntelliLight Optical Transport Service (IOTS)# (Cont'd)

(b) Terms and Conditions (Cont'd)

The customer will be billed additional charges for any charges levied the Telephone Company for space and power required to place nodes on the Company's side of the network interface.

Connection of DSR to an IOTS ring is provided over an equal speed, unprotected optical transport channel (e.g. a 155.52 Mbps unprotected channel would connect to an OC3 DSR node). Each node on the DSR ring must be located at the same customer designated premises or in the same Telephone Company wire center as its corresponding IOTS node. All other applicable DSR regulations as set forth in Section 23.1 following apply to the derived DSR Service.

Connection of IntelliLight Broadband Transport (IBT) to an IOTS ring is provided over an equal speed, OC3 or OC12 protected optical transport channel as described in Section 7.2.14(C)(4)(c)(4) following.

An IOTS ring may also be connected to a Telephone Company provided dedicated SONET ring or Telephone Company provided point-to-point SONET service, provided that such connections are technically and operationally feasible, as determined by the Telephone Company.

The customer is responsible to ensure that its equipment meets any applicable technical requirements or limitations for the protocol being transmitted over the optical transport channels.

The Telephone Company is responsible for the overall design and configuration of the IOTS ring. Construction of the ring will not begin until such design and configuration are mutually agreeable to both the customer and the Telephone Company.

Credit for service interruption of IOTS is set forth in Section 2.7.1.1(B)(13) preceding.

(T)

Service availability limited. Refer to # footnote on Page 6-300.1.

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(6) IntelliLight Optical Transport Service (IOTS)# (Cont'd)

(b) Terms and Conditions (Cont'd)

The technical specifications for IOTS are delineated in Technical References GR-2918-CORE, Issue 6; GR-2979-CORE, Issue 5; GR-1312-CORE, Issue 3; ITU-T G.959.1; and ITU-T G.692. Technical specifications for the underlying protocols transmitted over the IOTS ring are specified in (c)(4) following. (C)(x) (C)(x)

(c) Service Components

- (1) Nodes are Dense Wave Division Multiplexing (DWDM) devices located at customer designated premises or Telephone Company wire centers from which optical transport channels are multiplexed on or off of the IOTS ring. The type of node that is deployed at each location is determined by the number of optical transport channels that will be multiplexed on or off of the IOTS ring at that location.

4 Channel Node

Placement of a 4 channel node at a location enables up to 4 protected optical transport channels to be deployed. Each protected optical channel may be replaced by two unprotected optical channels up to a maximum of 8 possible channels on the node. A 4 channel node may be utilized as the primary node at a location or as an expansion node to expand the capacity of a 16 channel primary node. 4 channel nodes are subject to the availability of suitable facilities and equipment to provide such device. No more than one 4 channel node will be provided at a location.

Service availability limited. Refer to # footnote on Page 6-300.1.

(x) GR-2918-CORE, Issue 6, replaces GR-2918-CORE, Issue 4, in its entirety.
GR-2979-CORE, Issue 5, replaces GR-2979-CORE, Issue 3, in its entirety.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(6) IntelliLight Optical Transport Service (IOTS)# (Cont'd)

(T)

(c) Service Components (Cont'd)

(1) (Cont'd)

16 Channel Node

Placement of a 16 channel primary node at a location enables up to 16 protected optical transport channels to be deployed. Each protected optical channel may be replaced by two unprotected optical channels up to a maximum of 32 possible channels on the primary node.

The capacity of a 16 channel node may be increased through the addition of an expansion node at the same location. A 4 channel expansion node enables up to 20 protected optical transport channels (i.e., 16 on the primary node and 4 on the expansion node) to be deployed at a single location. Each protected optical channel may be replaced by two unprotected optical channels up to a maximum of 40 possible channels at that location. A 16-channel expansion node enables up to 32 protected optical transport channels (i.e., 16 on the primary node and 16 on the expansion node) to be deployed at a single location. Each protected optical channel may be replaced by two unprotected optical channels up to a maximum of 64 possible channels at that location.

The maximum number of optical transport channels that can be deployed at a single location is dependent upon the specific configuration of the IOTS ring and the type of optical transport channels being deployed from that location.

Service availability limited. Refer to # footnote on Page 6-300.1.

(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(6) IntelliLight Optical Transport Service (IOTS)# (Cont'd) (T)

(c) Service Components (Cont'd)

- (2) IOTS Ring Mileage is the total of airline distances between devices (nodes and amplifiers) rounded up to the nearest mile. The mileage rate is based on total ring capacity and not on individual services between devices. For example, the mileage charge for a five device ring with two mid-span amplifiers and a distance of 4.3 miles between each device (21.5 total miles) would be calculated by multiplying the mileage rate in Section 6.9.1.7 following by 22 miles. The mileage between devices (e.g., an initial node and an expansion node or an At-Node amplifier, as applicable) located at the same customer designated premises or Telephone Company wire center is zero. This mileage calculation applies regardless of the number of services on the ring.
- (3) Network Optimization provides for amplification of the signal to ensure acceptable optical levels. When required, amplification is performed at the node (primary node or expansion node) or in a Telephone Company wire center when mid-span amplification of the signal is required between nodes. Node amplification occurs in one or two directions (East to West and/or West to East). Amplification in two directions requires the use of two at-node amplifiers. Mid-span amplification occurs simultaneously in both directions (East to West and West to East). The Telephone Company shall have sole responsibility in determining when amplification is required and the quantity and type of amplification necessary to maintain acceptable optical levels.

Service availability limited. Refer to # footnote on Page 6-300.1. (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(6) IntelliLight Optical Transport Service (IOTS)# (Cont'd) (T)

(c) Service Components (Cont'd)

- (4) Optical transport channels allow for optical services to be multiplexed on to or off of the IOTS ring at locations equipped with an IOTS node. An optical interface at the node allows for connection of the applicable protocol to the customer's equipment. Optical transport channels are provided on a point-to-point basis and are available on a protected or unprotected basis depending on the protocol being transmitted and the level of redundancy required for the optical channel. Some protocols have facility distance limitations and may affect the design or availability of the IOTS ring or its optical transport channels.

A protected optical channel allows for a single signal from the customer to be duplicated and sent over separate diverse routes (working and protect) within the IOTS network. Protected optical transport channels are provided as described in Section 7.2.14(C)(4)(c)(4) following.

An unprotected optical channel provides minimum protection of the signal from the customer. End-to-end protection is provided by the protection inherent in the connecting service provided by the Telephone Company (e.g., DSR), as applicable.

Service availability limited. Refer to # footnote on Page 6-300.1. (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(6) IntelliLight Optical Transport Service (IOTS)# (Cont'd)

(c) Service Components (Cont'd)

(4) (Cont'd)

The Telephone Company will transmit the following protocols over IOTS optical transport channels:

- Unprotected SONET OC3 - for transmission of 155.52 Mbps synchronous optical data transmission.
- Unprotected SONET OC12 - for transmission of 622.08 Mbps synchronous optical data transmission.
- Unprotected SONET OC48 - for transmission of 2.488 Gbps synchronous optical data transmission.
- Unprotected SONET OC192 - for transmission of 9.953 Gbps synchronous optical data transmission.

The technical specifications for SONET protocols are delineated in Technical Reference GR-253-CORE, Issue 4.

(C)(x)

Service availability limited. Refer to # footnote on Page 6-300.1.

(x) GR-253-CORE, Issue 4, replaces GR-253-CORE, Issue 3, in its entirety.

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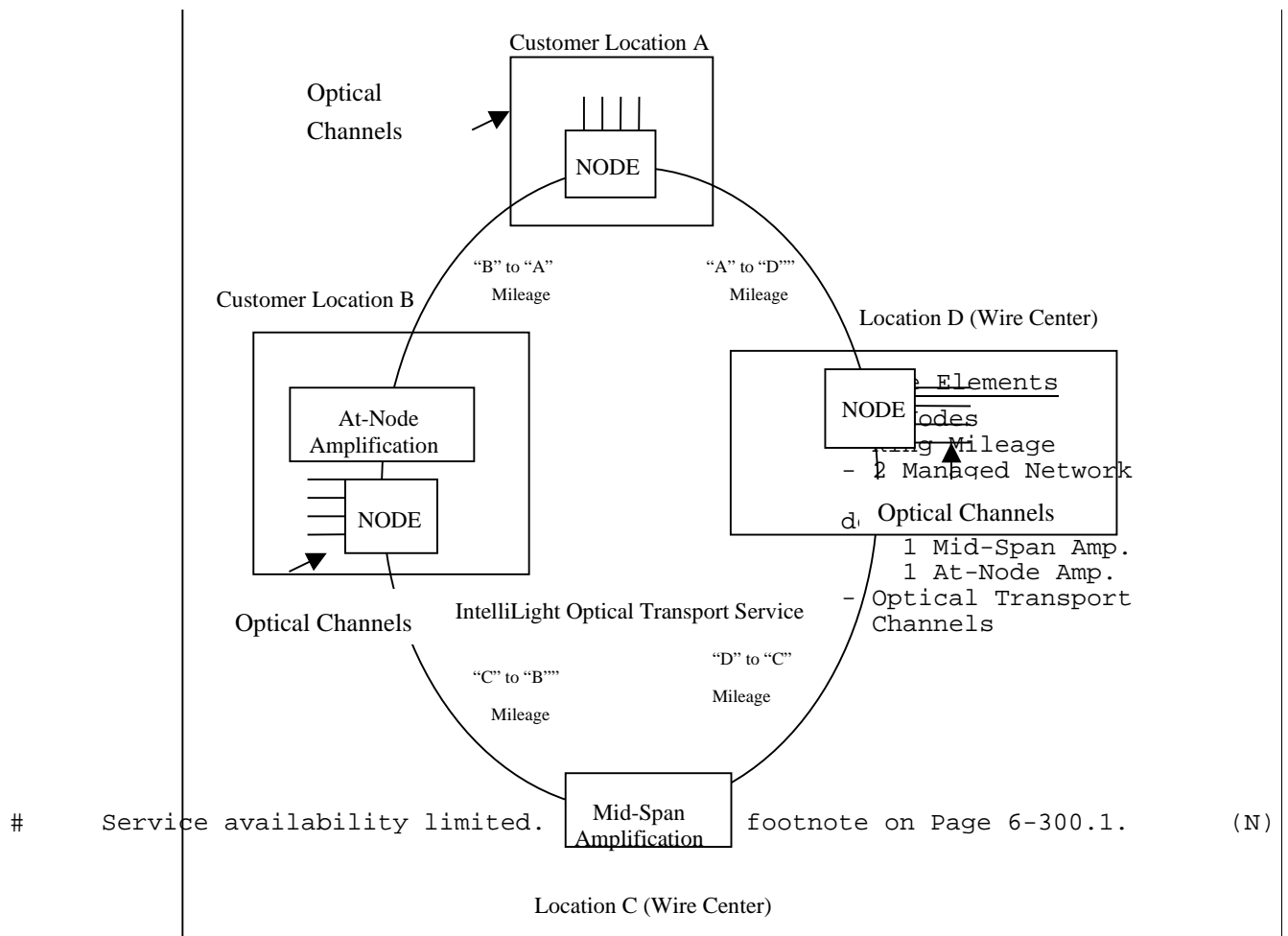
6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)

(6) IntelliLight Optical Transport Service (IOTS)# (Cont'd)

(T)

(c) Service Components (Cont'd)

- (5) An example of an IntelliLight Optical Transport Service Ring is diagrammed below:



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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(6) IntelliLight Optical Transport Service (IOTS)# (Cont'd) (T)

(d) Application of Rates and Charges

- (1) IOTS is available for 3, 5 and 7 year commitment periods for the nodes, ring mileage, network optimization at-node amplification (subject to (C)(6)(d)(8) following), network optimization mid-span amplification, and optical transport channels.
- (2) Nodes, network optimization mid-span amplification, and SONET optical transport channels added subsequent to the initial installation may be coterminous to the expiration date of the IOTS at the rates and charges specified for the term plan on the existing IOTS or may require an extension to the existing plan as follows. If the addition is prior to the 21st month for an existing 3-year plan, prior to the 36th month for an existing 5-year plan, or prior to the 50th month for an existing 7-year plan, the addition will be coterminous to the expiration date of the IOTS. If the addition is after the aforementioned periods, the customer must extend the commitment period of its existing plan for an additional one-year for a 3-year plan, an additional 2-years for a 5-year plan, or an additional 3-years for a 7-year plan. Termination liability for IBT is described in Section 8.2(C) following. Termination liability for DSR is set forth in Section 23.1 following.
- (3) Effective August 16, 2005, separate rates and charges for network optimization at-node amplification apply subject to (C)(6)(d)(8) following.
- (4) Data optical transport channels added subsequent to the initial installation will be coterminous to the expiration date of the IOTS at the rates and charges specified for the term plan on the existing IOTS. These channels are subject to a minimum service period of three months. Data optical transport channels are available in Section 7.2.14(C)(4) following.
- (5) The addition of SONET and/or Data optical transport channels subsequent to the initial installation of service may also require the addition of an expansion node(s) and/or network optimization device(s) to accommodate the increase in channels. The addition of an expansion node or network optimization is subject to the conditions set forth above.

Service availability limited. Refer to # footnote on Page 6-300.1. (N)

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(6) IntelliLight Optical Transport Service (IOTS)# (Cont'd)

(T)

(d) Application of Rates and Charges (Cont'd)

- (6) Monthly recurring rates apply for the nodes, ring mileage, network optimization mid-span amplification, network optimization at-node amplification subject to (C)(6)(d)(8) following, and optical transport channels. The monthly rate for an optical transport channel applies for the entire point-to-point connection. Once a term period expires, the prevailing rates of the current plan will continue at Category I or Category II rates, as determined in (C)(6)(d)(8) following, until the customer cancels service or requests a new term plan.
- (7) Nonrecurring charges for IOTS apply for the initial installation of service and for any subsequent node, network optimization mid-span amplification or optical transport channel that is added at any time after the initial installation of service. A nonrecurring charge also applies to upgrade a 4 channel primary node to a 16 channel primary node or a 4 channel expansion node to a 16 channel expansion node.
- (8) Rates and charges for IOTS nodes, ring mileage, network optimization at-node amplification, network optimization mid-span amplification, and optical transport channels which are in-service as of, or ordered prior to, August 16, 2005 are subject to Category I rates, unless the customer has converted to Category II rates under (C)(6)(d)(8)(c) following.

Rates and charges for IOTS nodes, ring mileage, network optimization mid-span amplification, and optical transport channels which are ordered on or after August 16, 2005 are subject to Category II rates. Category II rates also apply to IOTS which are converted from Category I under (C)(6)(d)(8)(c) following.

- (a) Category I rates are grandfathered as of August 16, 2005 and apply to each of the following (i) IOTS that is in-service as of, or ordered prior to, August 16, 2005 under this Section 6.8.25 or under Section 7.2.14(C)(4) following, or (ii) each IOTS subscribed under Contract Tariff Option 5, 6, 11 or 13 as set forth in Section 21 following, which is in effect as of August 16, 2005; unless in each case above, the customer elects to convert IOTS billing to Category II rates in accordance with (C)(6)(d)(8)(c) following. Category I rates are subject to separate rates and charges for network optimization at-node amplification.

Service availability limited. Refer to # footnote on Page 6-300.1.

(N)

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(6) IntelliLight Optical Transport Service (IOTS)# (Cont'd)

(T)

(d) Application of Rates and Charges (Cont'd)

(8) (Cont'd)

- (b) Category II rates apply to each IOTS which is ordered on or after August 16, 2005 under this Section 6.8.25 or under Section 7.2.14(C)(4) following. Category II rates also apply to nodes, network optimization, mileage, and optical transport channels which are ordered on or after August 16, 2005 as an addition to an existing IOTS, regardless of whether or not such existing IOTS is subject to Category I or Category II rates. When the Telephone Company's network design for such addition to an existing IOTS requires that a network optimization at-node amplifier be added to an existing node that is billed at Category I rates, the billing for such node will be converted to the Category II node rate element, which node rate element includes amplification at the node.

Notwithstanding anything to the contrary in any applicable Contract Tariff Options, any reduction or discount to Special Access rates offered under Contract Tariff Options 5, 6, 11 or 13 of Section 21 following will not be applied to Category II rates.

Category II rates also apply to IOTS that are converted from Category I rates to Category II rates in accordance with (C)(6)(d)(8)(c) following. Category II rates do not include separate rates and charges for network optimization at-node amplification which is provided as part of the node rate element on or after August 16, 2005.

- (c) A customer subject to Category I rates under (C)(6)(d)(8)(a) preceding may convert to Category II rates subject to the following:

- (1) The customer must submit an access order for the conversion to Category II.
- (2) Separate rates and charges applicable to network optimization at-node amplification under Category I rates shall cease coincident with the date that billing commences at Category II rates.

Service availability limited. Refer to # footnote on Page 6-300.1.

(N)

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(6) IntelliLight Optical Transport Service (IOTS)# (Cont'd) (T)

(d) Application of Rates and Charges (Cont'd)

(8) (Cont'd)

(c) (Cont'd)

- (3) A new commitment period commences with the conversion from Category I rates to Category II rates. The customer must select a new commitment period from those offered under (d)(1) preceding. The new commitment period must be equal to, or longer than, the original commitment period for the IOTS that was subject to the Category I rates. For example, an IOTS under a 5-year commitment period at Category I rates may only convert to a new 5-year commitment period or a new 7-year commitment period upon conversion to Category II rates.
- (4) There can be no physical work activity (e.g., moves, additions, changes) associated with the conversion to Category II rates. Upon conversion, all terms and conditions of this tariff shall apply to the converted IOTS service, including any applicable termination liability and minimum period obligations.
- (5) When the conversion is ordered during the period beginning August 16, 2005 and ending November 16, 2005, the conversion will not be subject to minimum period and/or termination liability as they may otherwise apply for early termination of the Category I term plan, provided that the conditions set forth in (1) through (4) preceding are met.

Conversion from Category I rates to Category II rates that is ordered after November 16, 2005 is subject to all minimum period and/or termination liability as they apply for early termination of the Category I term plan. Additionally, conversion to Category II rates ordered after November 16, 2005 is subject to the requirements set forth in (1) through (4) preceding.

Service availability limited. Refer to # footnote on Page 6-300.1. (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(6) IntelliLight Optical Transport Service (IOTS)# (Cont'd) (T)

(d) Application of Rates and Charges (Cont'd)

(9) A change in the type (e.g., Fiber Channel to FICON) or optical carrier rate (e.g., OC3 to OC12) of optical transport channel is treated as a discontinuance of the existing channel and an installation of a new optical transport channel. Optical transport channels ordered on or after August 16, 2005 are provided at Category II rates.

(10) When an optical transport channel is ordered to connect with DSR, the optical channel will be billed to the DSR customer.

(11) When an optical transport channel is ordered to connect to a Telephone Company provided dedicated SONET ring, the optical channel will be billed to the dedicated SONET ring customer. (N)
|
(N)

Service availability limited. Refer to # footnote on Page 6-300.1. (N)

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(6) IntelliLight Optical Transport Service (IOTS)# (Cont'd)

(T)

(e) Termination Liability

- (1) Termination liability applies to IOTS and is charged per rate element on all nodes, network optimization and SONET optical transport channels. Termination liability for IBT is described in Section 8.2(C) following. Termination liability for DSR is set forth in Section 23.1 following. Data optical transport channels as set forth in Section 7.2.14(C)(4) following are not subject to termination liability, however, such channels are subject to a minimum service period of three-months.
- (2) IOTS may be canceled without termination liability when cancellation of the IOTS occurs within thirty (30) days of the effective date of a Telephone Company initiated rate increase of eight percent (8%) or more on any rate applicable to IOTS service.
- (3) Termination liability will not apply (1) if a customer changes its term plan to a longer commitment period; (2) if a 4 channel primary node is upgraded to a 16 channel primary node; (3) if a 4 channel expansion node is upgraded to a 16 channel expansion node; or (4) if a term plan subject to Category I rates is converted to a new term plan subject to Category II rates, when such conversion satisfies the conditions in (C)(6)(d)(8)(c) preceding and is ordered on or before November 16, 2005.
- (4) Termination liability will apply when the conditions above are not met and the customer cancels service prior to expiration of the plan period. If the cancellation occurs within the first two years of a term plan, termination liability is equal to 100 percent (100%) of the monthly charges for the unexpired portion of the first two years, and 25 percent (25%) of the monthly charges for the remainder of the plan. If the customer cancels after the first two years of service, then termination liability is equal to 25 percent (25%) of the monthly charges for the remaining life of the term.

Service availability limited. Refer to # footnote on Page 6-300.1.

(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)(C) Service Descriptions (Cont'd)

(6) IntelliLight Optical Transport Service (IOTS)# (Cont'd)

(T)

(e) Termination Liability (Cont'd)

- (5) For IntelliLight Optical Transport Service with a commitment period which was extended under (i) following, termination liability is calculated as the difference between the monthly rates for the highest Term Pricing Plan commitment period that could have been satisfied prior to disconnection of the service or cancellation of the plan and the monthly rates already paid for the expired commitment period and the extended commitment period for the period of time the service was in effect.

(f) Conversions

- (1) Customers who wish to move or convert existing Switched Access DSR or High Capacity Switched Access entrance facilities to IOTS may do so without conversion charges (termination liability and installation charges) as long as the total capacity of Switched Access entrance facilities or DSR purchased by the customer does not decrease.
- (2) Customers who wish to convert existing IOTS under a term plan with Category I rates to a new term plan with Category II rates may do so without conversion charges (minimum period obligations, termination liability, and installation charges) as long as the requirements set forth in (C)(6)(d)(8)(c) preceding are met and is ordered on or before November 16, 2005.

(g) Deployment and Availability

Since IOTS is a dedicated high capacity customized network, it is deployed upon customer request. Where suitable facilities are not generally available, rates and charges as set forth in Interstate Special Construction Tariffs may apply.

IOTS is available based on negotiated intervals as described in 5.2.1(B) preceding.

(h) Shared Use

The regulations applicable to the shared use of IOTS are set forth in Section 6.8.17 preceding. Special Access IOTS is described in Section 7.2.14(C)(4) following.

Service availability limited. Refer to # footnote on Page 6-300.1.

(N)

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(6) IntelliLight Optical Transport Service (IOTS)# (Cont'd)

(T)

(i) Extension of a Commitment Period

- (1) The customer has the option, within sixty (60) days prior to the expiration date for its commitment period, to extend its expiring Term Pricing Plan to a plan with a longer commitment period, for which time-in-service credit will be allowed for the expiring plan. The commitment period selected for the extended plan must be longer than the commitment period of the expiring plan as follows:
 - An expiring 3-Year Term may be extended to either a 5-Year or 7-Year Term Plan.
 - An expiring 5-Year Term may be extended to a 7-Year Term Plan.
- (2) Time-in-service credit on the expiring plan will be granted and applied towards the new extended plan. For example, an expiring 3-Year term plan will allow for 3 years of time-in-service credit towards the extended plan.
- (3) A Category I term plan that is converted under (C)(6)(d)(8)(c) preceding to a Category II term plan is not eligible for time-in-service credit on the Category II term plan.
- (4) The rate for the longer commitment period will apply effective with the first bill day following expiration of the commitment period for the existing plan and continue through the remainder of the commitment period associated with the extended plan. No adjustment for the increased discount associated with the extended plan will be made to the monthly rates already billed on the expiring plan.
- (5) The customer may also extend the commitment period in order to install additional nodes, network optimization devices or SONET optical channels as described in (C)(6)(d) preceding.
- (6) Extension of a term pricing plan subject to Category I rates will be extended at Category I rates. However, nodes, network optimization, ring mileage, and optical transport channels added during the period of extension are subject to Category II rates unless otherwise specified.
- (7) Extension of a term pricing plan under Category II rates will be extended at Category II rates.

Service availability limited. Refer to # footnote on Page 6-300.1.

(N)

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6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(6) IntelliLight Optical Transport Service (IOTS)# (Cont'd)

(T)

(j) Channel Interface Codes

The following channel interface code is used for the IOTS ring:

CI
02FMF.4

The following channel interface codes are used for channels using wavelengths on the IOTS ring:

CI
02FCF.15 (SONET OC3)
02FCF.62 (SONET OC12)
02FCF.25 (SONET OC48)

Service availability limited. Refer to # footnote on Page 6-300.1.

(N)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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Issued: August 31, 2017

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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Issued: August 31, 2017

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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Effective: September 15, 2017

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Provision and Description of Switched Access Service (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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(Issued under Transmittal No. 767)

Issued: January 16, 2007

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges6.9.1 Switched Transport(A) Entrance Facilities

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>First</u>	<u>Additional</u>
(1) <u>Voice Grade</u>				
- Per Point of Termination				
<u>Two-wire</u>				
Rate Zone 1	EFG2X (T)	\$14.00		(R)
Rate Zone 2	EFG2X (T)	14.00		
Rate Zone 3	EFG2X (T)	14.00		(R)
Price Band 4	EFG2X (T)	28.70		
Price Band 5	EFG2X (T)	28.70		
Price Band 6	EFG2X (T)	28.70		
<u>Four-wire</u>				
Rate Zone 1	EFG4X (T)	26.02		(R)
Rate Zone 2	EFG4X (T)	26.02		
Rate Zone 3	EFG4X (T)	26.02		(R)
Price Band 4	EFG4X (T)	53.00		
Price Band 5	EFG4X (T)	53.00		
Price Band 6	EFG4X (T)	53.00		
- Per Point of Termination				
<u>Two-wire</u>				
<u>Installation/Change</u>				
Rate Zone 1	EFG2X (T)	\$1.00	\$1.00	
Rate Zone 2	EFG2X (T)	1.00	1.00	
Rate Zone 3	EFG2X (T)	1.00	1.00	
Price Band 4	EFG2X (T)	1.00	1.00	
Price Band 5	EFG2X (T)	1.00	1.00	
Price Band 6	EFG2X (T)	1.00	1.00	
<u>Rearrangement</u>				
Rate Zone 1	NRBOY	.90	.60	
Rate Zone 2	NRBOY	.90	.60	
Rate Zone 3	NRBOY	.90	.60	

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>		
			<u>First</u>	<u>Additional</u>	
(1) <u>Voice Grade</u> (Cont'd)					
- Per Point of Termination (Cont'd)					
<u>Four-wire Installation/Change</u>					
Rate Zone 1	EFG4X		\$1.00	\$.75	(D)
Rate Zone 2	EFG4X		1.00	.75	
Rate Zone 3	EFG4X		1.00	.75	
Price Band 4	EFG4X		1.00	.75	
Price Band 5	EFG4X		1.00	.75	
Price Band 6	EFG4X		1.00	.75	(D)
<u>Rearrangement</u>					
Rate Zone 1	NRBOZ		.90	.60	
Rate Zone 2	NRBOZ		.90	.60	
Rate Zone 3	NRBOZ		.90	.60	
(2) <u>DS1</u>					
- Per Point of Termination					
Rate Zone 1	EFGDX	\$190.00			(D)
Rate Zone 2	EFGDX	190.00			
Rate Zone 3	EFGDX	190.00			
Price Band 4	EFGDX	190.00			
Price Band 5	EFGDX	190.00			
Price Band 6	EFGDX	190.00			(D)
<u>Installation/Change</u>					
Rate Zone 1	EFGDX		355.00	220.00	(D)
Rate Zone 2	EFGDX		355.00	220.00	
Rate Zone 3	EFGDX		355.00	220.00	
Price Band 4	EFGDX		355.00	220.00	
Price Band 5	EFGDX		355.00	220.00	
Price Band 6	EFGDX		355.00	220.00	(D)
<u>Rearrangement</u>					
Rate Zone 1	NRBOZ		.90	.60	
Rate Zone 2	NRBOZ		.90	.60	
Rate Zone 3	NRBOZ		.90	.60	

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)

(3) DS3

- Per point of termination

(a) Electrical Interface

Rate Zone 1, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFAX	\$2,310.00	\$1.00	(D)
2	TYFAX	2,100.00	1.00	
3	TYFAX	1,650.00	1.00	
4	TYFAX	1,550.00	1.00	
5	TYFAX	1,500.00	1.00	
6	TYFAX	1,450.00	1.00	
7	TYFAX	1,400.00	1.00	
8	TYFAX	1,350.00	1.00	
9	TYFAX	1,300.00	1.00	
10	TYFAX	1,250.00	1.00	
11	TYFAX	1,200.00	1.00	
12	TYFAX	1,090.00	1.00	
13	TYFAX	1,260.00	1.00	
14	TYFAX	1,240.00	1.00	
15	TYFAX	1,230.00	1.00	
16	TYFAX	1,220.00	1.00	
17	TYFAX	1,200.00	1.00	
18	TYFAX	1,190.00	1.00	
19	TYFAX	1,175.00	1.00	
20	TYFAX	1,150.00	1.00	
21	TYFAX	1,140.00	1.00	
22	TYFAX	1,120.00	1.00	
23	TYFAX	1,105.00	1.00	
24	TYFAX	1,101.00	1.00	
25 and Over	TYFAX	1,100.00	1.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)

- Per point of termination (Cont'd)

(a) Electrical Interface (Cont'd)

Rate Zone 2, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFAX	\$2,310.00	\$1.00	(D)
2	TYFAX	2,100.00	1.00	
3	TYFAX	1,650.00	1.00	
4	TYFAX	1,550.00	1.00	
5	TYFAX	1,500.00	1.00	
6	TYFAX	1,450.00	1.00	
7	TYFAX	1,400.00	1.00	
8	TYFAX	1,350.00	1.00	
9	TYFAX	1,300.00	1.00	
10	TYFAX	1,250.00	1.00	
11	TYFAX	1,200.00	1.00	
12	TYFAX	1,090.00	1.00	
13	TYFAX	1,260.00	1.00	
14	TYFAX	1,240.00	1.00	
15	TYFAX	1,230.00	1.00	
16	TYFAX	1,220.00	1.00	
17	TYFAX	1,200.00	1.00	
18	TYFAX	1,190.00	1.00	
19	TYFAX	1,175.00	1.00	
20	TYFAX	1,150.00	1.00	
21	TYFAX	1,140.00	1.00	
22	TYFAX	1,120.00	1.00	
23	TYFAX	1,105.00	1.00	
24	TYFAX	1,101.00	1.00	
25 and Over	TYFAX	1,100.00	1.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)

- Per point of termination (Cont'd)

(a) Electrical Interface (Cont'd)

Rate Zone 3, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFAX	\$2,310.00	\$1.00	(D)
2	TYFAX	2,100.00	1.00	
3	TYFAX	1,650.00	1.00	
4	TYFAX	1,550.00	1.00	
5	TYFAX	1,500.00	1.00	
6	TYFAX	1,450.00	1.00	
7	TYFAX	1,400.00	1.00	
8	TYFAX	1,350.00	1.00	
9	TYFAX	1,300.00	1.00	
10	TYFAX	1,250.00	1.00	
11	TYFAX	1,200.00	1.00	
12	TYFAX	1,090.00	1.00	
13	TYFAX	1,260.00	1.00	
14	TYFAX	1,240.00	1.00	
15	TYFAX	1,230.00	1.00	
16	TYFAX	1,220.00	1.00	
17	TYFAX	1,200.00	1.00	
18	TYFAX	1,190.00	1.00	
19	TYFAX	1,175.00	1.00	
20	TYFAX	1,150.00	1.00	
21	TYFAX	1,140.00	1.00	
22	TYFAX	1,120.00	1.00	
23	TYFAX	1,105.00	1.00	
24	TYFAX	1,101.00	1.00	
25 and Over	TYFAX	1,100.00	1.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)(3) DS3 (Cont'd)

- Per point of termination

(a) Electrical Interface (Cont'd)

Price Band 4, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFAX	\$2,310.00	\$1.00	(D)
2	TYFAX	2,100.00	1.00	
3	TYFAX	1,650.00	1.00	
4	TYFAX	1,550.00	1.00	
5	TYFAX	1,500.00	1.00	
6	TYFAX	1,450.00	1.00	
7	TYFAX	1,400.00	1.00	
8	TYFAX	1,350.00	1.00	
9	TYFAX	1,300.00	1.00	
10	TYFAX	1,250.00	1.00	
11	TYFAX	1,200.00	1.00	
12	TYFAX	1,090.00	1.00	
13	TYFAX	1,260.00	1.00	
14	TYFAX	1,240.00	1.00	
15	TYFAX	1,230.00	1.00	
16	TYFAX	1,220.00	1.00	
17	TYFAX	1,200.00	1.00	
18	TYFAX	1,190.00	1.00	
19	TYFAX	1,175.00	1.00	
20	TYFAX	1,150.00	1.00	
21	TYFAX	1,140.00	1.00	
22	TYFAX	1,120.00	1.00	
23	TYFAX	1,105.00	1.00	
24	TYFAX	1,101.00	1.00	
25 and Over	TYFAX	1,100.00	1.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)(3) DS3 (Cont'd)
- Per point of termination(a) Electrical Interface (Cont'd)

Price Band 5, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFAX	\$2,310.00	\$1.00	(D)
2	TYFAX	2,100.00	1.00	
3	TYFAX	1,650.00	1.00	
4	TYFAX	1,550.00	1.00	
5	TYFAX	1,500.00	1.00	
6	TYFAX	1,450.00	1.00	
7	TYFAX	1,400.00	1.00	
8	TYFAX	1,350.00	1.00	
9	TYFAX	1,300.00	1.00	
10	TYFAX	1,250.00	1.00	
11	TYFAX	1,200.00	1.00	
12	TYFAX	1,090.00	1.00	
13	TYFAX	1,260.00	1.00	
14	TYFAX	1,240.00	1.00	
15	TYFAX	1,230.00	1.00	
16	TYFAX	1,220.00	1.00	
17	TYFAX	1,200.00	1.00	
18	TYFAX	1,190.00	1.00	
19	TYFAX	1,175.00	1.00	
20	TYFAX	1,150.00	1.00	
21	TYFAX	1,140.00	1.00	
22	TYFAX	1,120.00	1.00	
23	TYFAX	1,105.00	1.00	
24	TYFAX	1,101.00	1.00	
25 and Over	TYFAX	1,100.00	1.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)(3) DS3 (Cont'd)

- Per point of termination

(a) Electrical Interface (Cont'd)

Price Band 6, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFAX	\$2,310.00	\$1.00	(D)
2	TYFAX	2,100.00	1.00	
3	TYFAX	1,650.00	1.00	
4	TYFAX	1,550.00	1.00	
5	TYFAX	1,500.00	1.00	
6	TYFAX	1,450.00	1.00	
7	TYFAX	1,400.00	1.00	
8	TYFAX	1,350.00	1.00	
9	TYFAX	1,300.00	1.00	
10	TYFAX	1,250.00	1.00	
11	TYFAX	1,200.00	1.00	
12	TYFAX	1,090.00	1.00	
13	TYFAX	1,260.00	1.00	
14	TYFAX	1,240.00	1.00	
15	TYFAX	1,230.00	1.00	
16	TYFAX	1,220.00	1.00	
17	TYFAX	1,200.00	1.00	
18	TYFAX	1,190.00	1.00	
19	TYFAX	1,175.00	1.00	
20	TYFAX	1,150.00	1.00	
21	TYFAX	1,140.00	1.00	
22	TYFAX	1,120.00	1.00	
23	TYFAX	1,105.00	1.00	
24	TYFAX	1,101.00	1.00	
25 and Over	TYFAX	1,100.00	1.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)

(3) DS3

- Per point of termination

(a) Electrical Interface

Rate Zone 1, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFBX	\$2,310.00	\$1.00	(D)
2	TYFBX	2,100.00	1.00	
3	TYFBX	1,650.00	1.00	
4	TYFBX	1,550.00	1.00	
5	TYFBX	1,500.00	1.00	
6	TYFBX	1,450.00	1.00	
7	TYFBX	1,400.00	1.00	
8	TYFBX	1,350.00	1.00	
9	TYFBX	1,300.00	1.00	
10	TYFBX	1,250.00	1.00	
11	TYFBX	1,200.00	1.00	
12	TYFBX	1,090.00	1.00	
13	TYFBX	1,260.00	1.00	
14	TYFBX	1,240.00	1.00	
15	TYFBX	1,230.00	1.00	
16	TYFBX	1,220.00	1.00	
17	TYFBX	1,200.00	1.00	
18	TYFBX	1,190.00	1.00	
19	TYFBX	1,175.00	1.00	
20	TYFBX	1,150.00	1.00	
21	TYFBX	1,140.00	1.00	
22	TYFBX	1,120.00	1.00	
23	TYFBX	1,105.00	1.00	
24	TYFBX	1,101.00	1.00	
25 and Over	TYFBX	1,100.00	1.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)

- Per point of termination (Cont'd)

(a) Electrical Interface (Cont'd)

Rate Zone 2, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFBX	\$2,310.00	\$1.00	(D)
2	TYFBX	2,100.00	1.00	
3	TYFBX	1,650.00	1.00	
4	TYFBX	1,550.00	1.00	
5	TYFBX	1,500.00	1.00	
6	TYFBX	1,450.00	1.00	
7	TYFBX	1,400.00	1.00	
8	TYFBX	1,350.00	1.00	
9	TYFBX	1,300.00	1.00	
10	TYFBX	1,250.00	1.00	
11	TYFBX	1,200.00	1.00	
12	TYFBX	1,090.00	1.00	
13	TYFBX	1,260.00	1.00	
14	TYFBX	1,240.00	1.00	
15	TYFBX	1,230.00	1.00	
16	TYFBX	1,220.00	1.00	
17	TYFBX	1,200.00	1.00	
18	TYFBX	1,190.00	1.00	
19	TYFBX	1,175.00	1.00	
20	TYFBX	1,150.00	1.00	
21	TYFBX	1,140.00	1.00	
22	TYFBX	1,120.00	1.00	
23	TYFBX	1,105.00	1.00	
24	TYFBX	1,101.00	1.00	
25 and Over	TYFBX	1,100.00	1.00	(D)

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)

- Per point of termination (Cont'd)

(a) Electrical Interface (Cont'd)

Rate Zone 3, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFBX	\$2,310.00	\$1.00	(D)
2	TYFBX	2,100.00	1.00	
3	TYFBX	1,650.00	1.00	
4	TYFBX	1,550.00	1.00	
5	TYFBX	1,500.00	1.00	
6	TYFBX	1,450.00	1.00	
7	TYFBX	1,400.00	1.00	
8	TYFBX	1,350.00	1.00	
9	TYFBX	1,300.00	1.00	
10	TYFBX	1,250.00	1.00	
11	TYFBX	1,200.00	1.00	
12	TYFBX	1,090.00	1.00	
13	TYFBX	1,260.00	1.00	
14	TYFBX	1,240.00	1.00	
15	TYFBX	1,230.00	1.00	
16	TYFBX	1,220.00	1.00	
17	TYFBX	1,200.00	1.00	
18	TYFBX	1,190.00	1.00	
19	TYFBX	1,175.00	1.00	
20	TYFBX	1,150.00	1.00	
21	TYFBX	1,140.00	1.00	
22	TYFBX	1,120.00	1.00	
23	TYFBX	1,105.00	1.00	
24	TYFBX	1,101.00	1.00	
25 and Over	TYFBX	1,100.00	1.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)(3) DS3 (Cont'd)

- Per point of termination

(a) Electrical Interface (Cont'd)

Price Band 4, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFBX	\$2,310.00	\$1.00	(D)
2	TYFBX	2,100.00	1.00	
3	TYFBX	1,650.00	1.00	
4	TYFBX	1,550.00	1.00	
5	TYFBX	1,500.00	1.00	
6	TYFBX	1,450.00	1.00	
7	TYFBX	1,400.00	1.00	
8	TYFBX	1,350.00	1.00	
9	TYFBX	1,300.00	1.00	
10	TYFBX	1,250.00	1.00	
11	TYFBX	1,200.00	1.00	
12	TYFBX	1,090.00	1.00	
13	TYFBX	1,260.00	1.00	
14	TYFBX	1,240.00	1.00	
15	TYFBX	1,230.00	1.00	
16	TYFBX	1,220.00	1.00	
17	TYFBX	1,200.00	1.00	
18	TYFBX	1,190.00	1.00	
19	TYFBX	1,175.00	1.00	
20	TYFBX	1,150.00	1.00	
21	TYFBX	1,140.00	1.00	
22	TYFBX	1,120.00	1.00	
23	TYFBX	1,105.00	1.00	
24	TYFBX	1,101.00	1.00	
25 and Over	TYFBX	1,100.00	1.00	(D)

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1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)(3) DS3 (Cont'd)
- Per point of termination(a) Electrical Interface (Cont'd)

Price Band 5, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFBX	\$2,310.00	\$1.00	(D)
2	TYFBX	2,100.00	1.00	
3	TYFBX	1,650.00	1.00	
4	TYFBX	1,550.00	1.00	
5	TYFBX	1,500.00	1.00	
6	TYFBX	1,450.00	1.00	
7	TYFBX	1,400.00	1.00	
8	TYFBX	1,350.00	1.00	
9	TYFBX	1,300.00	1.00	
10	TYFBX	1,250.00	1.00	
11	TYFBX	1,200.00	1.00	
12	TYFBX	1,090.00	1.00	
13	TYFBX	1,260.00	1.00	
14	TYFBX	1,240.00	1.00	
15	TYFBX	1,230.00	1.00	
16	TYFBX	1,220.00	1.00	
17	TYFBX	1,200.00	1.00	
18	TYFBX	1,190.00	1.00	
19	TYFBX	1,175.00	1.00	
20	TYFBX	1,150.00	1.00	
21	TYFBX	1,140.00	1.00	
22	TYFBX	1,120.00	1.00	
23	TYFBX	1,105.00	1.00	
24	TYFBX	1,101.00	1.00	
25 and Over	TYFBX	1,100.00	1.00	(D)

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1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)(3) DS3 (Cont'd)
- Per point of termination(a) Electrical Interface (Cont'd)

Price Band 6, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge	
1	TYFBX	\$2,310.00	\$1.00	(D)
2	TYFBX	2,100.00	1.00	
3	TYFBX	1,650.00	1.00	
4	TYFBX	1,550.00	1.00	
5	TYFBX	1,500.00	1.00	
6	TYFBX	1,450.00	1.00	
7	TYFBX	1,400.00	1.00	
8	TYFBX	1,350.00	1.00	
9	TYFBX	1,300.00	1.00	
10	TYFBX	1,250.00	1.00	
11	TYFBX	1,200.00	1.00	
12	TYFBX	1,090.00	1.00	
13	TYFBX	1,260.00	1.00	
14	TYFBX	1,240.00	1.00	
15	TYFBX	1,230.00	1.00	
16	TYFBX	1,220.00	1.00	
17	TYFBX	1,200.00	1.00	
18	TYFBX	1,190.00	1.00	
19	TYFBX	1,175.00	1.00	
20	TYFBX	1,150.00	1.00	
21	TYFBX	1,140.00	1.00	
22	TYFBX	1,120.00	1.00	
23	TYFBX	1,105.00	1.00	
24	TYFBX	1,101.00	1.00	
25 and Over	TYFBX	1,100.00	1.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(D)

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1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)

- Per point of termination (Cont'd)

(b) Optical Interface

Rate Zone 1, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2CX	\$2,310.00(R)	\$1.00
2	EF2CX	2,100.00(R)	1.00
3	EF2CX	1,650.00(R)	1.00
4	EF2CX	1,550.00(R)	1.00
5	EF2CX	1,500.00(R)	1.00
6	EF2CX	1,450.00(R)	1.00
7	EF2CX	1,400.00(R)	1.00
8	EF2CX	1,350.00	1.00
9	EF2CX	1,300.00	1.00
10	EF2CX	1,250.00	1.00
11	EF2CX	1,200.00	1.00
12	EF2CX	1,090.00	1.00
13	EF2CX	1,260.00(R)	1.00
14	EF2CX	1,240.00(R)	1.00
15	EF2CX	1,230.00(R)	1.00
16	EF2CX	1,220.00(R)	1.00
17	EF2CX	1,200.00(R)	1.00
18	EF2CX	1,190.00	1.00
19	EF2CX	1,175.00	1.00
20	EF2CX	1,150.00	1.00
21	EF2CX	1,140.00	1.00
22	EF2CX	1,120.00	1.00
23	EF2CX	1,105.00	1.00
24	EF2CX	1,101.00	1.00
25 and Over	EF2CX	1,100.00(R)	1.00

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1300 I Street, NW, Washington, D.C. 20005(T)
(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)

- Per point of termination (Cont'd)

(b) Optical Interface (Cont'd)

Rate Zone 2, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2CX	\$2,310.00(R)	\$1.00
2	EF2CX	2,100.00(R)	1.00
3	EF2CX	1,650.00(R)	1.00
4	EF2CX	1,550.00(R)	1.00
5	EF2CX	1,500.00(R)	1.00
6	EF2CX	1,450.00(R)	1.00
7	EF2CX	1,400.00(R)	1.00
8	EF2CX	1,350.00(R)	1.00
9	EF2CX	1,300.00(R)	1.00
10	EF2CX	1,250.00(R)	1.00
11	EF2CX	1,200.00(R)	1.00
12	EF2CX	1,090.00(R)	1.00
13	EF2CX	1,260.00(R)	1.00
14	EF2CX	1,240.00(R)	1.00
15	EF2CX	1,230.00(R)	1.00
16	EF2CX	1,220.00(R)	1.00
17	EF2CX	1,200.00(R)	1.00
18	EF2CX	1,190.00(R)	1.00
19	EF2CX	1,175.00(R)	1.00
20	EF2CX	1,150.00(R)	1.00
21	EF2CX	1,140.00(R)	1.00
22	EF2CX	1,120.00(R)	1.00
23	EF2CX	1,105.00(R)	1.00
24	EF2CX	1,101.00(R)	1.00
25 and Over	EF2CX	1,100.00(R)	1.00

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005(T)
(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)

- Per point of termination (Cont'd)

(b) Optical Interface (Cont'd)

Rate Zone 3, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2CX	\$2,310.00(R)	\$1.00
2	EF2CX	2,100.00(R)	1.00
3	EF2CX	1,650.00(R)	1.00
4	EF2CX	1,550.00(R)	1.00
5	EF2CX	1,500.00(R)	1.00
6	EF2CX	1,450.00(R)	1.00
7	EF2CX	1,400.00(R)	1.00
8	EF2CX	1,350.00(R)	1.00
9	EF2CX	1,300.00(R)	1.00
10	EF2CX	1,250.00(R)	1.00
11	EF2CX	1,200.00(R)	1.00
12	EF2CX	1,090.00(R)	1.00
13	EF2CX	1,260.00(R)	1.00
14	EF2CX	1,240.00(R)	1.00
15	EF2CX	1,230.00(R)	1.00
16	EF2CX	1,220.00(R)	1.00
17	EF2CX	1,200.00(R)	1.00
18	EF2CX	1,190.00(R)	1.00
19	EF2CX	1,175.00(R)	1.00
20	EF2CX	1,150.00(R)	1.00
21	EF2CX	1,140.00(R)	1.00
22	EF2CX	1,120.00(R)	1.00
23	EF2CX	1,105.00(R)	1.00
24	EF2CX	1,101.00(R)	1.00
25 and Over	EF2CX	1,100.00(R)	1.00

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1300 I Street, NW, Washington, D.C. 20005(T)
(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)(3) DS3 (Cont'd)

- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 4, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2CX	\$2,310.00	\$1.00
2	EF2CX	2,100.00	1.00
3	EF2CX	1,650.00	1.00
4	EF2CX	1,550.00	1.00
5	EF2CX	1,500.00	1.00
6	EF2CX	1,450.00	1.00
7	EF2CX	1,400.00	1.00
8	EF2CX	1,350.00	1.00
9	EF2CX	1,300.00	1.00
10	EF2CX	1,250.00	1.00
11	EF2CX	1,200.00	1.00
12	EF2CX	1,090.00	1.00
13	EF2CX	1,260.00	1.00
14	EF2CX	1,240.00	1.00
15	EF2CX	1,230.00	1.00
16	EF2CX	1,220.00	1.00
17	EF2CX	1,200.00	1.00
18	EF2CX	1,190.00	1.00
19	EF2CX	1,175.00	1.00
20	EF2CX	1,150.00	1.00
21	EF2CX	1,140.00	1.00
22	EF2CX	1,120.00	1.00
23	EF2CX	1,105.00	1.00
24	EF2CX	1,101.00	1.00
25 and Over	EF2CX	1,100.00	1.00

(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)(3) DS3 (Cont'd)

- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 5, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2CX	\$2,310.00	\$1.00
2	EF2CX	2,100.00	1.00
3	EF2CX	1,650.00	1.00
4	EF2CX	1,550.00	1.00
5	EF2CX	1,500.00	1.00
6	EF2CX	1,450.00	1.00
7	EF2CX	1,400.00	1.00
8	EF2CX	1,350.00	1.00
9	EF2CX	1,300.00	1.00
10	EF2CX	1,250.00	1.00
11	EF2CX	1,200.00	1.00
12	EF2CX	1,090.00	1.00
13	EF2CX	1,260.00	1.00
14	EF2CX	1,240.00	1.00
15	EF2CX	1,230.00	1.00
16	EF2CX	1,220.00	1.00
17	EF2CX	1,200.00	1.00
18	EF2CX	1,190.00	1.00
19	EF2CX	1,175.00	1.00
20	EF2CX	1,150.00	1.00
21	EF2CX	1,140.00	1.00
22	EF2CX	1,120.00	1.00
23	EF2CX	1,105.00	1.00
24	EF2CX	1,101.00	1.00
25 and Over	EF2CX	1,100.00	1.00

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1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)(3) DS3 (Cont'd)

- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 6, Month-to-Month

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2CX	\$2,310.00	\$1.00
2	EF2CX	2,100.00	1.00
3	EF2CX	1,650.00	1.00
4	EF2CX	1,550.00	1.00
5	EF2CX	1,500.00	1.00
6	EF2CX	1,450.00	1.00
7	EF2CX	1,400.00	1.00
8	EF2CX	1,350.00	1.00
9	EF2CX	1,300.00	1.00
10	EF2CX	1,250.00	1.00
11	EF2CX	1,200.00	1.00
12	EF2CX	1,090.00	1.00
13	EF2CX	1,260.00	1.00
14	EF2CX	1,240.00	1.00
15	EF2CX	1,230.00	1.00
16	EF2CX	1,220.00	1.00
17	EF2CX	1,200.00	1.00
18	EF2CX	1,190.00	1.00
19	EF2CX	1,175.00	1.00
20	EF2CX	1,150.00	1.00
21	EF2CX	1,140.00	1.00
22	EF2CX	1,120.00	1.00
23	EF2CX	1,105.00	1.00
24	EF2CX	1,101.00	1.00
25 and Over	EF2CX	1,100.00	1.00

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)

- Per point of termination (Cont'd)

(b) Optical Interface

Rate Zone 1, Base Rate

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2TX	\$2,310.00(R)	\$1.00
2	EF2TX	2,100.00(R)	1.00
3	EF2TX	1,650.00(R)	1.00
4	EF2TX	1,550.00(R)	1.00
5	EF2TX	1,500.00(R)	1.00
6	EF2TX	1,450.00(R)	1.00
7	EF2TX	1,400.00(R)	1.00
8	EF2TX	1,350.00	1.00
9	EF2TX	1,300.00	1.00
10	EF2TX	1,250.00	1.00
11	EF2TX	1,200.00	1.00
12	EF2TX	1,090.00	1.00
13	EF2TX	1,260.00(R)	1.00
14	EF2TX	1,240.00(R)	1.00
15	EF2TX	1,230.00(R)	1.00
16	EF2TX	1,220.00(R)	1.00
17	EF2TX	1,200.00(R)	1.00
18	EF2TX	1,190.00	1.00
19	EF2TX	1,175.00	1.00
20	EF2TX	1,150.00	1.00
21	EF2TX	1,140.00	1.00
22	EF2TX	1,120.00	1.00
23	EF2TX	1,105.00	1.00
24	EF2TX	1,101.00	1.00
25 and Over	EF2TX	1,100.00(R)	1.00

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(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)

- Per point of termination (Cont'd)

(b) Optical Interface (Cont'd)

Rate Zone 2, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2TX	\$2,310.00(R)	\$1.00
2	EF2TX	2,100.00(R)	1.00
3	EF2TX	1,650.00(R)	1.00
4	EF2TX	1,550.00(R)	1.00
5	EF2TX	1,500.00(R)	1.00
6	EF2TX	1,450.00(R)	1.00
7	EF2TX	1,400.00(R)	1.00
8	EF2TX	1,350.00(R)	1.00
9	EF2TX	1,300.00(R)	1.00
10	EF2TX	1,250.00(R)	1.00
11	EF2TX	1,200.00(R)	1.00
12	EF2TX	1,090.00(R)	1.00
13	EF2TX	1,260.00(R)	1.00
14	EF2TX	1,240.00(R)	1.00
15	EF2TX	1,230.00(R)	1.00
16	EF2TX	1,220.00(R)	1.00
17	EF2TX	1,200.00(R)	1.00
18	EF2TX	1,190.00(R)	1.00
19	EF2TX	1,175.00(R)	1.00
20	EF2TX	1,150.00(R)	1.00
21	EF2TX	1,140.00(R)	1.00
22	EF2TX	1,120.00(R)	1.00
23	EF2TX	1,105.00(R)	1.00
24	EF2TX	1,101.00(R)	1.00
25 and Over	EF2TX	1,100.00(R)	1.00

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005(T)
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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)

- Per point of termination (Cont'd)

(b) Optical Interface (Cont'd)

Rate Zone 3, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2TX	\$2,310.00(R)	\$1.00
2	EF2TX	2,100.00(R)	1.00
3	EF2TX	1,650.00(R)	1.00
4	EF2TX	1,550.00(R)	1.00
5	EF2TX	1,500.00(R)	1.00
6	EF2TX	1,450.00(R)	1.00
7	EF2TX	1,400.00(R)	1.00
8	EF2TX	1,350.00(R)	1.00
9	EF2TX	1,300.00(R)	1.00
10	EF2TX	1,250.00(R)	1.00
11	EF2TX	1,200.00(R)	1.00
12	EF2TX	1,090.00(R)	1.00
13	EF2TX	1,260.00(R)	1.00
14	EF2TX	1,240.00(R)	1.00
15	EF2TX	1,230.00(R)	1.00
16	EF2TX	1,220.00(R)	1.00
17	EF2TX	1,200.00(R)	1.00
18	EF2TX	1,190.00(R)	1.00
19	EF2TX	1,175.00(R)	1.00
20	EF2TX	1,150.00(R)	1.00
21	EF2TX	1,140.00(R)	1.00
22	EF2TX	1,120.00(R)	1.00
23	EF2TX	1,105.00(R)	1.00
24	EF2TX	1,101.00(R)	1.00
25 and Over	EF2TX	1,100.00(R)	1.00

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)(3) DS3 (Cont'd)

- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 4, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2TX	\$2,310.00	\$1.00
2	EF2TX	2,100.00	1.00
3	EF2TX	1,650.00	1.00
4	EF2TX	1,550.00	1.00
5	EF2TX	1,500.00	1.00
6	EF2TX	1,450.00	1.00
7	EF2TX	1,400.00	1.00
8	EF2TX	1,350.00	1.00
9	EF2TX	1,300.00	1.00
10	EF2TX	1,250.00	1.00
11	EF2TX	1,200.00	1.00
12	EF2TX	1,090.00	1.00
13	EF2TX	1,260.00	1.00
14	EF2TX	1,240.00	1.00
15	EF2TX	1,230.00	1.00
16	EF2TX	1,220.00	1.00
17	EF2TX	1,200.00	1.00
18	EF2TX	1,190.00	1.00
19	EF2TX	1,175.00	1.00
20	EF2TX	1,150.00	1.00
21	EF2TX	1,140.00	1.00
22	EF2TX	1,120.00	1.00
23	EF2TX	1,105.00	1.00
24	EF2TX	1,101.00	1.00
25 and Over	EF2TX	1,100.00	1.00

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)(3) DS3 (Cont'd)

- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 5, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2TX	\$2,310.00	\$1.00
2	EF2TX	2,100.00	1.00
3	EF2TX	1,650.00	1.00
4	EF2TX	1,550.00	1.00
5	EF2TX	1,500.00	1.00
6	EF2TX	1,450.00	1.00
7	EF2TX	1,400.00	1.00
8	EF2TX	1,350.00	1.00
9	EF2TX	1,300.00	1.00
10	EF2TX	1,250.00	1.00
11	EF2TX	1,200.00	1.00
12	EF2TX	1,090.00	1.00
13	EF2TX	1,260.00	1.00
14	EF2TX	1,240.00	1.00
15	EF2TX	1,230.00	1.00
16	EF2TX	1,220.00	1.00
17	EF2TX	1,200.00	1.00
18	EF2TX	1,190.00	1.00
19	EF2TX	1,175.00	1.00
20	EF2TX	1,150.00	1.00
21	EF2TX	1,140.00	1.00
22	EF2TX	1,120.00	1.00
23	EF2TX	1,105.00	1.00
24	EF2TX	1,101.00	1.00
25 and Over	EF2TX	1,100.00	1.00

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(A) Entrance Facilities (Cont'd)(3) DS3 (Cont'd)

- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 6, Base Rates

# DS3 CTs Counted	USOC	Monthly Rate, Per CT	Nonrecurring Charge
1	EF2TX	\$2,310.00	\$1.00
2	EF2TX	2,100.00	1.00
3	EF2TX	1,650.00	1.00
4	EF2TX	1,550.00	1.00
5	EF2TX	1,500.00	1.00
6	EF2TX	1,450.00	1.00
7	EF2TX	1,400.00	1.00
8	EF2TX	1,350.00	1.00
9	EF2TX	1,300.00	1.00
10	EF2TX	1,250.00	1.00
11	EF2TX	1,200.00	1.00
12	EF2TX	1,090.00	1.00
13	EF2TX	1,260.00	1.00
14	EF2TX	1,240.00	1.00
15	EF2TX	1,230.00	1.00
16	EF2TX	1,220.00	1.00
17	EF2TX	1,200.00	1.00
18	EF2TX	1,190.00	1.00
19	EF2TX	1,175.00	1.00
20	EF2TX	1,150.00	1.00
21	EF2TX	1,140.00	1.00
22	EF2TX	1,120.00	1.00
23	EF2TX	1,105.00	1.00
24	EF2TX	1,101.00	1.00
25 and Over	EF2TX	1,100.00	1.00

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(D)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(B) Tandem Switched Transport

	<u>Originating</u>	<u>Terminating To Telephone Company End Offices</u>	<u>Terminating to Third Party</u>
<u>All Rate Zones</u>			
- <u>Per MOU</u>			
Tandem Transport			
- Fixed	\$.000000	\$.000000	\$.000000
Tandem Transport			
- Per Mile	\$.000002	\$.000000	\$.000002
Tandem Switching	\$.001574	\$.000000 (R)	\$.001574
Transport Multiplexing (DS3 to DS1)	\$.000000	\$.000000	\$.000000
Host/Remote-Fixed			
-Per MOU	\$.000000	\$.000000	
- Host/Remote-Per Mile			
-Per MOU	.000000	.000000	
Dedicated Tandem Trunk Port Charge			
	<u>USOC</u>	<u>Monthly</u>	
- per Trunk	PT8NX	<u>Rate</u>	
		\$12.50	

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1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(C) Direct Trunked Transport

		<u>USOC</u>	<u>Monthly Rates</u>		
			<u>Fixed</u>	<u>Per Mile</u>	
(1)	<u>Voice Grade</u>				
	Rate Zone 1	1YTES	\$16.93(S)(x)	\$3.00	(S)(x)
	Rate Zone 2	1YTES	16.93(S)(x)	3.00	(S)(x)
	Rate Zone 3	1YTES	16.93(S)(x)	3.00	(S)(x)
	Price Band 4	1YTES	20.44	4.00	
	Price Band 5	1YTES	20.44	4.00	
	Price Band 6	1YTES	20.44	4.00	
(2)	<u>DS1</u>				
	Rate Zone 1	1YTCS	85.00	24.25	(S)(x)
	Rate Zone 2	1YTCS	85.00	24.25	(S)(x)
	Rate Zone 3	1YTCS	85.00	24.25	(S)(x)
	Price Band 4	1YTCS	85.00	24.25	(I)
	Price Band 5	1YTCS	85.00	24.25	(I)
	Price Band 6	1YTCS	85.00	24.25	(I)

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1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(C) Direct Trunked Transport (Cont'd)

		<u>USOC</u>	<u>Monthly Rates</u>		
			<u>Fixed</u>	<u>Per Mile</u>	
(3) <u>DS3</u> (Month-to-Month)					
-	<u>Electrical</u>				
	Rate Zone 1	1YTDS (T)	\$950.00(S)(x)	\$185.00	(S)(x)
	Rate Zone 2	1YTDS (T)	950.00(S)(x)	185.00	(S)(x)
	Rate Zone 3	1YTDS (T)	950.00(S)(x)	185.00	(S)(x)
	Price Band 4	1YTDS (T)	950.00(I)	185.00	(I)
	Price Band 5	1YTDS (T)	950.00(I)	185.00	(I)
	Price Band 6	1YTDS (T)	950.00(I)	185.00	(I)
-	<u>Optical</u>				
	Rate Zone 1	1YTDS (T)	950.00(S)(x)	185.00	(S)(x)
	Rate Zone 2	1YTDS (T)	950.00(S)(x)	185.00	(S)(x)
	Rate Zone 3	1YTDS (T)	950.00(S)(x)	185.00	(S)(x)
	Price Band 4	1YTDS (T)	950.00(I)	185.00	(I)
	Price Band 5	1YTDS (T)	950.00(I)	185.00	(I)
	Price Band 6	1YTDS (T)	950.00(I)	185.00	(I)
<u>DS3</u> (Base Rates)					
-	<u>Electrical</u>				
	Rate Zone 1	1YTOS (T)	\$950.00(S)(x)	\$185.00	(S)(x)
	Rate Zone 2	1YTOS (T)	950.00(S)(x)	185.00	(S)(x)
	Rate Zone 3	1YTOS (T)	950.00(S)(x)	185.00	(S)(x)
	Price Band 4	1YTOS (T)	950.00(I)	185.00	(I)
	Price Band 5	1YTOS (T)	950.00(I)	185.00	(I)
	Price Band 6	1YTOS (T)	950.00(I)	185.00	(I)
-	<u>Optical</u>				
	Rate Zone 1	1YTOS (T)	\$950.00(S)(x)	\$185.00	(S)(x)
	Rate Zone 2	1YTOS (T)	950.00(S)(x)	185.00	(S)(x)
	Rate Zone 3	1YTOS (T)	950.00(S)(x)	185.00	(S)(x)
	Price Band 4	1YTOS (T)	950.00(I)	185.00	(I)
	Price Band 5	1YTOS (T)	950.00(I)	185.00	(I)
	Price Band 6	1YTOS (T)	950.00(I)	185.00	(I)

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Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(D) Multiplexing

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
- Entrance Facility, per arrangement			
<u>DS1 to Voice Grade</u>			
Rate Zone 1	MKW1X	\$210.00	
Rate Zone 2	MKW1X	210.00	
Rate Zone 3	MKW1X	210.00	
Price Band 4	MKW1X	210.00	
Price Band 5	MKW1X	210.00	
Price Band 6	MKW1X	210.00	
<u>DS3 to DS1</u>			
- <u>Month-to-Month</u>			
Rate Zone 1	MKW3X	900.00 (S)(x)	\$1.00
Rate Zone 2	MKW3X	900.00 (S)(x)	1.00
Rate Zone 3	MKW3X	900.00 (S)(x)	1.00
Price Band 4	MKW3X	900.00 (I)	1.00
Price Band 5	MKW3X	900.00 (I)	1.00
Price Band 6	MKW3X	900.00 (I)	1.00
- <u>Base Rates</u>			
Rate Zone 1	MJW3X (T)	900.00 (S)(x)	1.00
Rate Zone 2	MJW3X (T)	900.00 (S)(x)	1.00
Rate Zone 3	MJW3X (T)	900.00 (S)(x)	1.00
Price Band 4	MJW3X (T)	900.00 (I)	1.00
Price Band 5	MJW3X (T)	900.00 (I)	1.00
Price Band 6	MJW3X (T)	900.00 (I)	1.00

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1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(D) Multiplexing (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
- Direct Trunked Transport, per arrangement			
<u>DS1 to Voice Grade</u>			
Rate Zone 1	MKW1X (T)	\$210.00	
Rate Zone 2	MKW1X (T)	210.00	
Rate Zone 3	MKW1X (T)	210.00	
Price Band 4	MKW1X (T)	210.00	
Price Band 5	MKW1X (T)	210.00	
Price Band 6	MKW1X (T)	210.00	
<u>DS3 to DS1</u>			
- <u>Month-to-Month</u>			
Rate Zone 1	MKW3X (T)	900.00 (S)(x)	\$1.00
Rate Zone 2	MKW3X (T)	900.00 (S)(x)	1.00
Rate Zone 3	MKW3X (T)	900.00 (S)(x)	1.00
Price Band 4	MKW3X (T)	900.00 (I)	1.00
Price Band 5	MKW3X (T)	900.00 (I)	1.00
Price Band 6	MKW3X (T)	900.00 (I)	1.00
- <u>Base Rates</u>			
Rate Zone 1	MJW3X (T)	900.00 (S)(x)	1.00
Rate Zone 2	MJW3X (T)	900.00 (S)(x)	1.00
Rate Zone 3	MJW3X (T)	900.00 (S)(x)	1.00
Price Band 4	MJW3X (T)	900.00 (I)	1.00
Price Band 5	MJW3X (T)	900.00 (I)	1.00
Price Band 6	MJW3X (T)	900.00 (I)	1.00
<u>DS3 Premises Multiplexer (see Note)</u>			
- <u>Month-to-Month</u>			
Rate Zone 1	MKWCX	900.00 (S)(x)	N/A
Rate Zone 2	MKWCX	900.00 (S)(x)	N/A
Rate Zone 3	MKWCX	900.00 (S)(x)	N/A
- <u>Base Rates</u>			
Rate Zone 1	MJWCX	900.00 (S)(x)	N/A
Rate Zone 2	MJWCX	900.00 (S)(x)	N/A
Rate Zone 3	MJWCX	900.00 (S)(x)	N/A

(D)
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(D)

Note: Applicable only to the Switched Access portion of a Shared Use Special Access DS3 facility utilizing a DS3 Premises Multiplexer as described in Section 5.2.8 preceding and Section 7.2.9(D)(8) following.

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1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(E) <u>Alternate Serving Wire Center</u>			
DS1			
- <u>per point of termination</u>			
Rate Zone 1	AV3	\$ 25.00	
Rate Zone 2	AV3	25.00	
Rate Zone 3	AV3	25.00	
DS3			
(Optical or Electrical)			
- <u>per point of termination</u>			
Rate Zone 1	AV3	250.00	
Rate Zone 2	AV3	250.00	
Rate Zone 3	AV3	250.00	
(F) <u>Diversity</u>			
- <u>per circuit</u>			
Rate Zone 1	DSX	5.00	
Rate Zone 2	DSX	5.00	
Rate Zone 3	DSX	5.00	

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2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)

	<u>USOC</u>	<u>Nonrecurring Charges</u>	
(G) <u>Switched Access Connection Charge</u>			
- per Line or trunk			
<u>Initial</u>			
Rate Zone 1	TPP++	\$1.00	
Rate Zone 2	TPP++	1.00	
Rate Zone 3	TPP++	1.00	
<u>Additional</u>			
Rate Zone 1	TPP++	1.00	(I)
Rate Zone 2	TPP++	1.00	(I)
Rate Zone 3	TPP++	1.00	(I)
(H) <u>Shared Network Arrangement</u>			
- Processing Charge			
<u>per Service Order</u>			
Rate Zone 1	SRNXX	50.00	
Rate Zone 2	SRNXX	50.00	
Rate Zone 3	SRNXX	50.00	
(I) <u>Remote Translations</u>			
per remote trunk group,			
per occurrence	NRBTC	350.00	
(J) <u>Service Order Charge</u>			
per Service Order	NRBOU	1.00	
(K) <u>Transport Interconnection Charge</u>	<u>Monthly Charge</u>		
<u>Collocated</u>			
- Originating	\$.000000		
- Terminating	.000000		
<u>Non-Collocated</u>			
- Originating	.000000		
- Terminating	.000000		

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)

(L) <u>Common Channel Signaling Access Service</u>	<u>USOC</u>	<u>RATE</u>	
STP access mileage - Per month, per mile	10XJX	\$3.50	
Note: An STP Port Termination charge also applies. See Section 6.9.2(A) following.			
(M) <u>Billing Validation Service</u>			
(1) Query Transport - Per query	TAP	0.000200	
(2) Query Validation - Per query	QCMVX	0.040000	
(3) Service Establishment - Per originating point code	NRBLB	125.00	
(N) <u>Toll Free* Data Base Access Service</u> (available with Trunkside BSA-101XXXX Option equipped out of band Signaling)			(T)
Basic Query Charge - Per Query	800DB	0.004356	
<u>Toll Free Data Base Vertical Feature Package (VFP)</u> (available with Toll Free Data Base Basic Access Service)			
VFP Charge - Per Query	800VP	0.001989	

* "Toll Free" is considered to mean any access service which utilizes any of the following NPA's: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(O) Dedicated Network Access Link (DNAL)(1) Metallic DNAL

	<u>USOC</u>	<u>Monthly Rates</u>
(a) Channel Termination		
- Per point of termination		\$22.50
	<u>Nonrecurring</u>	<u>Charges</u>
	<u>First</u>	<u>Add'l</u>
- Per point of termination		
Installation	\$200.00	\$150.00
	<u>USOC</u>	<u>Monthly Rates</u>
	<u>Fixed</u>	<u>Per Mile</u>
(b) Channel Mileage	None	\$3.25

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2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(0) Dedicated Network Access Link (DNAL) (Cont'd)(2) Voice Grade DNAL

	<u>USOC</u>	<u>Monthly Rates</u>	
(a) Channel Termination			
- Per point of termination			
Two-Wire		\$14.00	
Four-Wire		26.02	
		<u>Nonrecurring Charges</u>	
		<u>First</u>	<u>Add'l</u>
- Per point of termination			
Installation			
Two-Wire		\$ 1.00	\$1.00
Four-Wire		1.00	.75
		<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
(b) Channel Mileage		\$16.93 (I)	\$3.00 (I)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)(O) Dedicated Network Access Link (DNAL) (Cont'd)(2) Voice Grade DNAL (Cont'd)

(c) Optional Features	Monthly Nonrecurring	
	<u>USOC</u>	<u>Rates</u> <u>Charges</u>
(1) Conditioning		
- Per point of termination		
(A) C-Type	\$ 2.00	None
(B) Improved Attenuation Distortion	2.00	None
(C) Improved Envelope Delay Distortion	75.00	None
(2) Improved Return Loss for Effective Two-Wire Transmission or Improved Termination for Four-Wire Transmission		
(A) Improved Return Loss		
- Per point of termination		
- Two-Wire	7.00	None
(B) Improved Termination		
- Per point of termination		
- Four-Wire	9.00	None
(3) Data Capability		
- Per point of termination	2.00	\$250.00
(P) <u>500 Access Service</u>	<u>USOC</u>	<u>Rate</u>
Query Charge		
- Per Query	500DB	\$.0085
(Q) <u>Carrier Identification Parameter (CIP)</u>	<u>USOC</u>	<u>Rate</u>
- Per Trunk, per month	U7CPT	\$.46

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2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.1 Term Pricing Plans (TPP)*(A) Entrance Facility

		<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge First Additional</u>	
(1)	<u>2 Year</u>				
	(a) <u>DS1</u>				
	-	Per Point of Termination			
		Rate Zone 1	EFGDX	\$171.00	(D)
		Rate Zone 2	EFGDX	171.00	
		Rate Zone 3	EFGDX	171.00	
		Price Band 4	EFGDX	171.00	
		Price Band 5	EFGDX	171.00	
		Price Band 6	EFGDX	171.00	(D)
	-	Installation			
		Rate Zone 1	EFGDX	\$1.00	\$.75 (D)
		Rate Zone 2	EFGDX	1.00	.75
		Rate Zone 3	EFGDX	1.00	.75
		Price Band 4	EFGDX	1.00	.75
		Price Band 5	EFGDX	1.00	.75
		Price Band 6	EFGDX	1.00	.75 (D)
(2)	<u>3 Year</u>				
	(a) <u>DS1</u>				
	-	Per Point of Termination			
		Rate Zone 1	EFGDX	152.00	(D)
		Rate Zone 2	EFGDX	152.00	
		Rate Zone 3	EFGDX	152.00	
		Price Band 4	EFGDX	152.00	
		Price Band 5	EFGDX	152.00	
		Price Band 6	EFGDX	152.00	(D)
	-	Installation			
		Rate Zone 1	EFGDX	1.00	.75 (D)
		Rate Zone 2	EFGDX	1.00	.75
		Rate Zone 3	EFGDX	1.00	.75
		Price Band 4	EFGDX	1.00	.75
		Price Band 5	EFGDX	1.00	.75
		Price Band 6	EFGDX	1.00	.75 (D)

* Term Pricing Plans are only available in the following jurisdictions:
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1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)(A) Entrance Facility (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>		
			<u>First</u>	<u>Additional</u>	
(3) <u>5 Year</u>					
(a) <u>DS1</u>					
- Per Point of Termination					
Rate Zone 1	EFGDX	\$133.00			(D)
Rate Zone 2	EFGDX	133.00			
Rate Zone 3	EFGDX	133.00			
Price Band 4	EFGDX	133.00			
Price Band 5	EFGDX	133.00			
Price Band 6	EFGDX	133.00			(D)
- Installation					
Rate Zone 1	EFGDX		\$1.00	\$.75	(D)
Rate Zone 2	EFGDX		1.00	.75	
Rate Zone 3	EFGDX		1.00	.75	
Price Band 4	EFGDX		1.00	.75	
Price Band 5	EFGDX		1.00	.75	
Price Band 6	EFGDX		1.00	.75	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)(A) Entrance Facility (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>		
			<u>First</u>	<u>Additional</u>	
(4) <u>7 Year</u>					
(a) <u>DS1</u>					
- Per Point of Termination					
Rate Zone 1	EFGDX	\$123.50			(D)
Rate Zone 2	EFGDX	123.50			
Rate Zone 3	EFGDX	123.50			
Price Band 4	EFGDX	123.50			
Price Band 5	EFGDX	123.50			
Price Band 6	EFGDX	123.50			(D)
- Installation					
Rate Zone 1	EFGDX		\$1.00	\$.75	(D)
Rate Zone 2	EFGDX		1.00	.75	
Rate Zone 3	EFGDX		1.00	.75	
Price Band 4	EFGDX		1.00	.75	
Price Band 5	EFGDX		1.00	.75	
Price Band 6	EFGDX		1.00	.75	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)(B) Direct Trunked Transport

<u>2 Year</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	
(1) <u>DS1</u>				
Rate Zone 1	1YTCS	\$76.50	\$21.83	(S)(x)
Rate Zone 2	1YTCS	76.50	21.83	(S)(x)
Rate Zone 3	1YTCS	76.50	21.83	(S)(x)
Price Band 4	1YTCS	76.50	21.83	(I)
Price Band 5	1YTCS	76.50	21.83	(I)
Price Band 6	1YTCS	76.50	21.83	(I)
<u>3 Year</u>				
(1) <u>DS1</u>				
Rate Zone 1	1YTCS	68.00	19.40	(S)(x)
Rate Zone 2	1YTCS	68.00	19.40	(S)(x)
Rate Zone 3	1YTCS	68.00	19.40	(S)(x)
Price Band 4	1YTCS	68.00	19.40	(I)
Price Band 5	1YTCS	68.00	19.40	(I)
Price Band 6	1YTCS	68.00	19.40	(I)

* Term Pricing Plans are only available in the following jurisdictions:
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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)(B) Direct Trunked Transport (Cont'd)

<u>5 Year</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	
(1) <u>DS1</u>				
Rate Zone 1	1YTCS	\$59.50	\$16.98	(S)(x)
Rate Zone 2	1YTCS	59.50	16.98	(S)(x)
Rate Zone 3	1YTCS	59.50	16.98	(S)(x)
Price Band 4	1YTCS	59.50	16.98	(I)
Price Band 5	1YTCS	59.50	16.98	(I)
Price Band 6	1YTCS	59.50	16.98	(I)
<u>7 Year</u>				
(1) <u>DS1</u>				
Rate Zone 1	1YTCS	55.25	15.76	(S)(x)
Rate Zone 2	1YTCS	55.25	15.76	(S)(x)
Rate Zone 3	1YTCS	55.25	15.76	(S)(x)
Price Band 4	1YTCS	55.25	15.76	(I)
Price Band 5	1YTCS	55.25	15.76	(I)
Price Band 6	1YTCS	55.25	15.76	(I)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)(C) Multiplexing

<u>2 Year</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
- Entrance Facility			
- Per Arrangement			
<u>DS1 to Voice Grade</u>			
Rate Zone 1	MKW1X	\$189.00	(D)
Rate Zone 2	MKW1X	189.00	
Rate Zone 3	MKW1X	189.00	
Price Band 4	MKW1X	189.00	
Price Band 5	MKW1X	189.00	
Price Band 6	MKW1X	189.00	(D)
- Direct Trunked Transport			
- Per Arrangement			
<u>DS1 to Voice Grade</u>			
Rate Zone 1	MKW1X	189.00	(D)
Rate Zone 2	MKW1X	189.00	
Rate Zone 3	MKW1X	189.00	
Price Band 4	MKW1X	189.00	
Price Band 5	MKW1X	189.00	
Price Band 6	MKW1X	189.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)(C) Multiplexing (Cont'd)

<u>3 Year</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
- Entrance Facility			
- Per Arrangement			
<u>DS1 to Voice Grade</u>			
Rate Zone 1	MKW1X	\$168.00	(D)
Rate Zone 2	MKW1X	168.00	
Rate Zone 3	MKW1X	168.00	
Price Band 4	MKW1X	168.00	
Price Band 5	MKW1X	168.00	
Price Band 6	MKW1X	168.00	(D)
- Direct Trunked Transport			
- Per Arrangement			
<u>DS1 to Voice Grade</u>			
Rate Zone 1	MKW1X	168.00	(D)
Rate Zone 2	MKW1X	168.00	
Rate Zone 3	MKW1X	168.00	
Price Band 4	MKW1X	168.00	
Price Band 5	MKW1X	168.00	
Price Band 6	MKW1X	168.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)(C) Multiplexing (Cont'd)

<u>5 Year</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
- Entrance Facility			
- Per Arrangement			
<u>DS1 to Voice Grade</u>			
Rate Zone 1	MKW1X	\$147.00	(D)
Rate Zone 2	MKW1X	147.00	
Rate Zone 3	MKW1X	147.00	
Price Band 4	MKW1X	147.00	
Price Band 5	MKW1X	147.00	
Price Band 6	MKW1X	147.00	(D)
- Direct Trunked Transport			
- Per Arrangement			
<u>DS1 to Voice Grade</u>			
Rate Zone 1	MKW1X	147.00	(D)
Rate Zone 2	MKW1X	147.00	
Rate Zone 3	MKW1X	147.00	
Price Band 4	MKW1X	147.00	
Price Band 5	MKW1X	147.00	
Price Band 6	MKW1X	147.00	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)(C) Multiplexing (Cont'd)

<u>7 Year</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
- Entrance Facility			
- Per Arrangement			
<u>DS1 to Voice Grade</u>			
Rate Zone 1	MKW1X	\$136.50	(D)
Rate Zone 2	MKW1X	136.50	
Rate Zone 3	MKW1X	136.50	
Price Band 4	MKW1X	136.50	
Price Band 5	MKW1X	136.50	
Price Band 6	MKW1X	136.50	(D)
- Direct Trunked Transport			
- Per Arrangement			
<u>DS1 to Voice Grade</u>			
Rate Zone 1	MKW1X	136.50	(D)
Rate Zone 2	MKW1X	136.50	
Rate Zone 3	MKW1X	136.50	
Price Band 4	MKW1X	136.50	
Price Band 5	MKW1X	136.50	
Price Band 6	MKW1X	136.50	(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)

6.9.1.2 IntelliLight Entrance Facilities (IEF)**					
(A)	Per STS1/51.84	Monthly Rate		Monthly Rate	
	Mbps Termination**	USOC	3 Year Term	USOC	5 Year Term
	1	T7XA3	\$1,950.00	T7XA5	\$1,650.00
	2		1,950.00		1,400.00
	3		1,500.00		1,200.00
	4		1,000.00		720.00
	5		858.00		620.00
	6		746.00		540.00
	7		666.00		483.00
	8		606.00		440.00
	9		560.00		407.00
	10		522.00		380.00
	11		492.00		358.00
	12		466.00		340.00
	13		458.00		338.00
	14		455.00		336.00
	15		453.00		334.00
	16		450.00		332.00
	17		448.00		330.00
	18		445.00		328.00
	19		443.00		326.00
	20		440.00		324.00
	21		438.00		322.00
	22		435.00		320.00
	23		433.00		318.00
	24		430.00		316.00
	25		428.00		314.00
	26		425.00		312.00
	27		423.00		310.00
	28		420.00		308.00
	29		418.00		306.00
	30		415.00		304.00
	31		413.00		302.00
	32		410.00		300.00
	33		408.00		298.00
	34		405.00		296.00
	35		403.00		294.00
	36		400.00		292.00
	37		388.00		290.00
	38		385.00		288.00
	39		383.00		284.00
	40		380.00		280.00
	41		378.00		275.00
	42		375.00		270.00
	43		373.00		265.00
	44		370.00		260.00
	45		368.00		255.00
	46		365.00		250.00
	47		363.00		245.00
	48 and up		360.00		240.00

Service availability limited. Refer to # footnote on Page 6-290.

* The above rates are applicable in all rate zones.

** Interface sold separately.

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)

6.9.1.2 IntelliLight Entrance Facilities (IEF)** (Cont'd)			
(A1) Per STS1/51.84Mbps	Monthly Rate	Monthly Rate	
Termination w/ a	USOC	USOC	
Fractional OC3	3 Year Term	5 Year Term	
Interface	T7XA3	T7XA5	
1	\$2,310.00	\$1,905.00	
2	2,260.00	1,705.00	
3	1,860.00	1,605.00	
4	1,335.00	1,205.00	
5	1,175.00	855.00	
6	971.00	690.00	
7	891.00	633.00	
8	831.00	590.00	
9	785.00	557.00	
10	747.00	530.00	
11	717.00	508.00	
12	691.00	490.00	
13	683.00	488.00	
14	680.00	486.00	
15	678.00	484.00	
16	675.00	482.00	
17	673.00	480.00	
18	670.00	478.00	
19	668.00	476.00	
20	665.00	474.00	
21	663.00	472.00	
22	660.00	470.00	
23	658.00	468.00	
24	655.00	466.00	
25	653.00	464.00	
26	650.00	462.00	
27	648.00	460.00	
28	645.00	458.00	
29	643.00	456.00	
30	640.00	454.00	
31	638.00	452.00	
32	635.00	450.00	
33	633.00	448.00	
34	630.00	446.00	
35	628.00	444.00	
36	625.00	442.00	
37	613.00	440.00	
38	610.00	438.00	
39	608.00	434.00	
40	605.00	430.00	
41	603.00	425.00	
42	600.00	420.00	
43	598.00	415.00	
44	595.00	410.00	
45	593.00	405.00	
46	590.00	400.00	
47	588.00	395.00	
48 and up	585.00	390.00	

Service availability limited. Refer to # footnote on Page 6-290.

* The above rates are applicable in all rate zones.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)

6.9.1.2 IntelliLight Entrance Facilities (IEF)** (Cont'd)			
(A2) Per STS1/51.84Mbps	Monthly Rate	Monthly Rate	
Termination w/ a	USOC	USOC	
Fractional OC12	3 Year Term	5 Year Term	
Interface	T7XA3	T7XA5	
1	\$2,310.00	\$1,950.00	
2	2,260.00	1,705.00	
3	1,860.00	1,605.00	
4	1,335.00	1,205.00	
5	1,175.00	855.00	
6	896.00	640.00	
7	816.00	583.00	
8	756.00	540.00	
9	710.00	507.00	
10	672.00	480.00	
11	642.00	458.00	
12	616.00	440.00	
13	608.00	438.00	
14	605.00	436.00	
15	603.00	434.00	
16	600.00	432.00	
17	598.00	430.00	
18	595.00	428.00	
19	593.00	426.00	
20	590.00	424.00	
21	588.00	422.00	
22	585.00	420.00	
23	583.00	418.00	
24	580.00	416.00	
25	578.00	414.00	
26	575.00	412.00	
27	573.00	410.00	
28	570.00	408.00	
29	568.00	406.00	
30	565.00	404.00	
31	563.00	402.00	
32	560.00	400.00	
33	558.00	398.00	
34	555.00	396.00	
35	553.00	394.00	
36	550.00	392.00	
37	538.00	390.00	
38	535.00	388.00	
39	533.00	384.00	
40	530.00	380.00	
41	528.00	375.00	
42	525.00	370.00	
43	523.00	365.00	
44	520.00	360.00	
45	518.00	355.00	
46	515.00	350.00	
47	513.00	345.00	
48 and up	510.00	340.00	

Service availability limited. Refer to # footnote on Page 6-290.

* The above rates are applicable in all rate zones.

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.2 IntelliLight Entrance Facilities (IEF) #* (Cont'd)

(A3) Per STS3/155.52 Mbps

Termination with a Fractional OC3 Interface	USOC T7XC3	Monthly Rate 3 Year Term	USOC T7XC5	Monthly Rate 5 Year Term
1		NA		NA
2		NA		NA
3		\$5,580.00		\$4,815.00
4		4,005.00		3,615.00
5		3,525.00		2,565.00
6		2,913.00		2,070.00
7		2,673.00		1,899.00
8		2,493.00		1,770.00
9		2,355.00		1,671.00
10		2,241.00		1,590.00
11		2,151.00		1,524.00
12		2,073.00		1,470.00
13		2,049.00		1,464.00
14		2,040.00		1,458.00
15		2,034.00		1,452.00
16		2,025.00		1,446.00
17		2,019.00		1,440.00
18		2,010.00		1,434.00
19		2,004.00		1,428.00
20		1,995.00		1,422.00
21		1,989.00		1,416.00
22		1,980.00		1,410.00
23		1,974.00		1,404.00
24		1,965.00		1,398.00
25		1,959.00		1,392.00
26		1,950.00		1,386.00
27		1,944.00		1,380.00
28		1,935.00		1,374.00
29		1,929.00		1,368.00
30		1,920.00		1,362.00
31		1,914.00		1,356.00
32		1,905.00		1,350.00
33		1,899.00		1,344.00
34		1,890.00		1,338.00
35		1,884.00		1,332.00
36		1,875.00		1,326.00
37		1,839.00		1,320.00
38		1,830.00		1,314.00
39		1,824.00		1,302.00
40		1,815.00		1,290.00
41		1,809.00		1,275.00
42		1,800.00		1,260.00
43		1,794.00		1,245.00
44		1,785.00		1,230.00
45		1,779.00		1,215.00
46		1,770.00		1,200.00
47		1,764.00		1,185.00
48 and up		1,755.00		1,170.00

Service availability limited. Refer to # footnote on Page 6-290.

* The above rates are applicable in all rate zones.

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6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.2 IntelliLight Entrance Facilities (IEF)#* (Cont'd)

(A4) Per STS3/155.52 Mbps

Termination with a Fractional OC12 Interface	SOC T7XC3	Monthly Rate 3 Year Term	USOC T7XC5	Monthly Rate 5 Year Term
1		NA		NA
2		NA		NA
3		\$5,580.00		\$4,815.00
4		4,005.00		3,615.00
5		3,525.00		2,565.00
6		2,688.00		1,920.00
7		2,448.00		1,749.00
8		2,268.00		1,620.00
9		2,130.00		1,521.00
10		2,016.00		1,440.00
11		1,926.00		1,374.00
12		1,848.00		1,320.00
13		1,824.00		1,314.00
14		1,815.00		1,308.00
15		1,809.00		1,302.00
16		1,800.00		1,296.00
17		1,794.00		1,290.00
18		1,785.00		1,284.00
19		1,779.00		1,278.00
20		1,770.00		1,272.00
21		1,764.00		1,266.00
22		1,755.00		1,260.00
23		1,749.00		1,254.00
24		1,740.00		1,248.00
25		1,734.00		1,242.00
26		1,725.00		1,236.00
27		1,719.00		1,230.00
28		1,710.00		1,224.00
29		1,704.00		1,218.00
30		1,695.00		1,212.00
31		1,689.00		1,206.00
32		1,680.00		1,200.00
33		1,674.00		1,194.00
34		1,665.00		1,188.00
35		1,659.00		1,182.00
36		1,650.00		1,176.00
37		1,614.00		1,170.00
38		1,605.00		1,164.00
39		1,599.00		1,152.00
40		1,590.00		1,140.00
41		1,584.00		1,125.00
42		1,575.00		1,110.00
43		1,569.00		1,095.00
44		1,560.00		1,080.00
45		1,554.00		1,065.00
46		1,545.00		1,050.00
47		1,539.00		1,035.00
48 and up		1,530.00		1,020.00

Service availability limited. Refer to # footnote on Page 6-290.

* The above rates are applicable in all rate zones.

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6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.2 IntelliLight Entrance Facilities (IEF)#* (Cont'd)

(A5) Per STS12/662.08 Mbps

Termination with a Fractional OC12 Interface	USOC T7XE3	Monthly Rate 3 Year Term	USOC T7XE5	Monthly Rate 5 Year Term
1		NA		NA
2		NA		NA
3		NA		NA
4		NA		NA
5NA		NA		NA
6		NA		NA
7		NA		NA
8		NA		NA
9		NA		NA
10		NA		NA
11		NA		NA
12		\$7,392.00		\$5,280.00
13		7,296.00		5,256.00
14		7,260.00		5,232.00
15		7,236.00		5,208.00
16		7,200.00		5,184.00
17		7,176.00		5,160.00
18		7,140.00		5,136.00
19		7,116.00		5,112.00
20		7,080.00		5,088.00
21		7,056.00		5,064.00
22		7,020.00		5,040.00
23		6,996.00		5,016.00
24		6,960.00		4,992.00
25		6,936.00		4,968.00
26		6,900.00		4,944.00
27		6,876.00		4,920.00
28		6,840.00		4,896.00
29		6,816.00		4,872.00
30		6,780.00		4,848.00
31		6,756.00		4,824.00
32		6,720.00		4,800.00
33		6,696.00		4,776.00
34		6,660.00		4,752.00
35		6,636.00		4,728.00
36		6,600.00		4,704.00
37		6,456.00		4,680.00
38		6,420.00		4,656.00
39		6,396.00		4,608.00
40		6,360.00		4,560.00
41		6,336.00		4,500.00
42		6,300.00		4,440.00
43		6,276.00		4,380.00
44		6,240.00		4,320.00
45		6,216.00		4,260.00
46		6,180.00		4,200.00
47		6,156.00		4,140.00
48 and up		6,120.00		4,080.00

Service availability limited. Refer to # footnote on Page 6-290.

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6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.2 IntelliLight Entrance Facilities (IEF)## (Cont'd)

(A6)		Per STS1/51.84 Mbps			
Total STS1 Terminations With an OC48 Interface		Monthly Rate 3 Year Term		Monthly Rate 5 Year Term	
		USOC T7XA3		USOC T7XA5	
	1		\$6,288.00		\$4,488.00
	2		3,144.00		2,244.00
	3		2,096.00		1,496.00
	4		1,572.00		1,122.00
	5		1,258.00		898.00
	6		1,048.00		748.00
	7		898.00		641.00
	8		786.00		561.00
	9		699.00		499.00
	10		629.00		449.00
	11		572.00		408.00
	12		524.00		374.00
	13		517.00		373.00
	14		515.00		371.00
	15		513.00		369.00
	16		510.00		368.00
	17		509.00		366.00
	18		506.00		364.00
	19		505.00		363.00
	20		502.00		361.00
	21		500.00		359.00
	22		498.00		357.00
	23		496.00		356.00
	24		493.00		354.00
	25		492.00		352.00
	26		489.00		351.00
	27		488.00		349.00
	28		485.00		347.00
	29		483.00		346.00
	30		481.00		344.00
	31		479.00		342.00
	32		476.00		340.00
	33		475.00		339.00
	34		472.00		337.00
	35		471.00		335.00
	36		468.00		334.00
	37		458.00		332.00
	38		455.00		330.00
	39		454.00		327.00
	40		451.00		323.00
	41		449.00		319.00
	42		447.00		315.00
	43		445.00		311.00
	44		442.00		306.00
	45		441.00		302.00
	46		438.00		298.00
	47		437.00		294.00
	48 and up		434.00		289.00

Service availability limited. Refer to # footnote on Page 6-290.

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6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.2 IntelliLight Entrance Facilities(IEF)** (Cont'd)

(A7) Total STS1 Terminations With an OC48 Interface		Per STS3/155.58 Mbps	
		Monthly Rate 3 Year Term	Monthly Rate 5 Year Term
	USOC T7XC3	USOC T7XC5	
NA		NA	NA
NA		NA	NA
3		\$6,288.00	\$4,488.00
4		4,716.00	3,366.00
5		3,774.00	2,694.00
6		3,144.00	2,244.00
7		2,694.00	1,923.00
8		2,358.00	1,683.00
9		2,097.00	1,497.00
10		1,887.00	1,347.00
11		1,716.00	1,224.00
12		1,572.00	1,122.00
13		1,551.00	1,119.00
14		1,545.00	1,113.00
15		1,539.00	1,107.00
16		1,530.00	1,104.00
17		1,527.00	1,098.00
18		1,518.00	1,092.00
19		1,515.00	1,089.00
20		1,506.00	1,083.00
21		1,500.00	1,077.00
22		1,494.00	1,071.00
23		1,488.00	1,068.00
24		1,479.00	1,062.00
25		1,476.00	1,056.00
26		1,467.00	1,053.00
27		1,464.00	1,047.00
28		1,455.00	1,041.00
29		1,449.00	1,038.00
30		1,443.00	1,032.00
31		1,437.00	1,026.00
32		1,428.00	1,020.00
33		1,425.00	1,017.00
34		1,416.00	1,011.00
35		1,413.00	1,005.00
36		1,404.00	1,002.00
37		1,374.00	996.00
38		1,365.00	990.00
39		1,362.00	981.00
40		1,353.00	969.00
41		1,347.00	957.00
42		1,341.00	945.00
43		1,335.00	933.00
44		1,326.00	918.00
45		1,323.00	906.00
46		1,314.00	894.00
47		1,311.00	882.00
48 and up		1,302.00	867.00

Service availability limited. Refer to # footnote on Page 6-290.

* The above rates are applicable in all rate zones.

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6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.2 IntelliLight Entrance Facilities (IEF)##(Cont'd)

(A8)		Per STS12/662.08 Mbps			
Total STS1 Terminations With an OC48 Interface		Monthly Rate 3 Year Term		Monthly Rate 5 Year Term	
	USOC T7XE3		USOC T7XE5		
1		NA		NA	
2		NA		NA	
3		NA		NA	
4		NA		NA	
5		NA		NA	
6		NA		NA	
7		NA		NA	
8		NA		NA	
9		NA		NA	
10		NA		NA	
11		NA		NA	
12		\$6,288.00		\$4,488.00	
13		6,204.00		4,476.00	
14		6,180.00		4,452.00	
15		6,156.00		4,428.00	
16		6,120.00		4,416.00	
17		6,108.00		4,392.00	
18		6,072.00		4,368.00	
19		6,060.00		4,356.00	
20		6,024.00		4,332.00	
21		6,000.00		4,308.00	
22		5,976.00		4,284.00	
23		5,952.00		4,272.00	
24		5,916.00		4,248.00	
25		5,904.00		4,224.00	
26		5,868.00		4,212.00	
27		5,856.00		4,188.00	
28		5,820.00		4,164.00	
29		5,796.00		4,152.00	
30		5,772.00		4,128.00	
31		5,748.00		4,104.00	
32		5,712.00		4,080.00	
33		5,700.00		4,068.00	
34		5,664.00		4,044.00	
35		5,652.00		4,020.00	
36		5,616.00		4,008.00	
37		5,496.00		3,984.00	
38		5,460.00		3,960.00	
39		5,448.00		3,924.00	
40		5,412.00		3,876.00	
41		5,388.00		3,828.00	
42		5,364.00		3,780.00	
43		5,340.00		3,732.00	
44		5,304.00		3,672.00	
45		5,292.00		3,624.00	
46		5,256.00		3,576.00	
47		5,244.00		3,528.00	
48 and up		5,208.00		3,468.00	

Service availability limited. Refer to # footnote on Page 6-290.

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6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.2 IntelliLight Entrance Facilities (IEF)#* (Cont'd)

(B)	<u>IEF Electrical Interfaces, each</u>	<u>USOC</u>	<u>Monthly Rate 3 Year Term</u>	<u>USOC</u>	<u>Monthly Rate 5 Year Term</u>
	STS1 Interface	P8TE3	\$150.00	P8TE5	\$100.00
	DS3 Interface	P8TG3	150.00	P8TG5	100.00

(C) IEF Installation Charges1) Initial Installation

1a) <u>-Per Termination</u>	<u>USOC</u>	<u>Nonrecurring Charges</u>	
		<u>First</u>	<u>Additional</u>
-STS1 w/ separate Interface		\$1.00	\$.75
-STS1 w/ Fract'l OC3 Interface		2.00	1.50
-STS1 w/ Fract'l OC12 Interface		2.00	1.50
-STS1 w/ an OC48 Interface		3.00	NA
-STS3 w/ Fract'l OC3 Interface		6.00	4.50
-STS3 w/ Fract'l OC12 Interface		6.00	4.50
-STS3 w/ an OC48 Interface		9.00	NA
-STS12 w/ Fract'l OC12 Interface		24.00	9.00
-STS12 w/ an OC48 interface		36.00	NA

1b) -Per Interface

- per STS1	1.00	.75
- per DS3	1.00	.75

2) Subsequent Installation2a) -Per Termination

-STS1 w/ separate Interface	NRBTJ	1.00	.75
-STS1 w/ Fract'l OC3 Interface	NRBTJ	2.00	1.50
-STS1 w/ Fract'l OC12 Interface	NRBTJ	2.00	1.50
-STS1 w/ an OC48 Interface	NRBTJ	3.00	NA
-STS3 w/ Fract'l OC3 Interface	NRBTN	6.00	4.50
-STS3 w/ Fract'l OC12 Interface	NRBTN	6.00	4.50
-STS3 w/ an OC48 Interface	NRBTN	9.00	NA
-STS12 w/ Fract'l OC12 Interface	NRBTR	24.00	9.00
-STS12 w/ an OC48 Interface	NRBTR	36.00	NA

2b) -Per Interface

- per STS1	NRBTF	1.00	.75
- per DS3	NRBTF	1.00	.75

* The above rates are applicable in all rate zones.

(D)

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6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.3 Reserved

(T)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.3 Reserved (Cont'd)

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6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.3 Reserved (Cont'd)

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6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.3 Reserved (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.4 IntelliLight Shared Assurance Network#

(T)

(A) ISAN POP Entrance Ring
- Per STS3 termination

USOCs:	Single POP NEESS	Two POP NEEDS	
# of STS3s	Monthly Rate	Monthly Rate	Nonrecurring Rate
4 Minimum	\$2,340.00	\$2,890.00	\$1.00
5	2,230.00	2,780.00	1.00
6	2,125.00	2,670.00	1.00
7	2,020.00	2,560.00	1.00
8	1,930.00	2,485.00	1.00
9	1,865.00	2,300.00	1.00
10	1,815.00	2,225.00	1.00
11	1,775.00	2,175.00	1.00
12	1,735.00	2,110.00	1.00
13	1,695.00	2,050.00	1.00
14	1,655.00	1,995.00	1.00
15	1,620.00	1,930.00	1.00
16	1,585.00	1,895.00	1.00
17	1,585.00	1,825.00	1.00
18	1,585.00	1,825.00	1.00
19	1,585.00	1,825.00	1.00
20	1,585.00	1,825.00	1.00
21	1,535.00	1,760.00	1.00
22	1,535.00	1,760.00	1.00
23	1,535.00	1,760.00	1.00
24	1,535.00	1,760.00	1.00
25	1,450.00	1,695.00	1.00
26	1,450.00	1,695.00	1.00
27	1,450.00	1,695.00	1.00
28	1,450.00	1,695.00	1.00
29	1,320.00	1,640.00	1.00
29 +	1,320.00	1,640.00	1.00

- 1) Additional POP Entrance Ring Mileage
(for rings over 10 air miles in circumference)
- Per each group of 16 STS3s, per mile for each mile over 10

USOC: 1Y9PS

Monthly rate: \$ 700.00

Service availability limited. Refer to # footnote on Page 6-268.

(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.4 IntelliLight Shared Assurance Network# (Cont'd) (T)(B) ISAN Transport Channels
-from the POP SWC

	<u>USOC</u>	<u>Mileage Bands</u>		
		0-3 Miles	4-20 Miles	20+ Miles
1) <u>DS1 Transport</u>				
Basic to Tandem or	TC8S5	\$70.00	\$155.00	\$275.00
End Office				
Premium to Tandem or	TC8S5	80.00	175.00	300.00
End Office				

Service availability limited. Refer to # footnote on Page 6-268. (N)

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(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.5 ISSP Service(A) Entrance Facility
-Per arrangement

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>First</u>	<u>Additional</u>
Month-to-Month	EFYSX	\$3,000.00	\$1.00	\$.75
3-year Term	EFYUX	2,600.00	1.00	.75
5-year Term	EFYWX	1,700.00	1.00	.75

(B) Direct Trunked Transport

(1) Month-to-Month

Fixed	1H7KM	\$750.00
Per mile	1H7KM	185.00

(2) 3-Year Term

Fixed	1H7K3	650.00
Per mile	1H7K3	150.00

(3) 5-Year Term

Fixed	1H7K5	600.00
Per mile	1H7K5	80.00

(C) Optional Features

(1) STS1/DS1 Multiplexing

Month-to-Month	MPEGM	\$485.00	600.00
3-year Term	MPEG3	438.00	600.00
5-year Term	MPEG5	392.00	600.00

Note The above rates are applicable in all rate zones.

(D)

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(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.6 IntelliLight Shared Dual Path*

- (A) ISDP for DS1 or IEF DS1
-
- Per point of termination

<u>Term</u>	<u>USOC</u>	<u>Monthly Rate</u>
Month-to-Month	T7XXX	\$40.00
2-Year	T7XX2	35.00
3-Year	T7XX3	35.00
5-Year	T7XX5	30.00
7-Year	T7XX7	30.00

- (B) ISDP DS1 Standby Mileage
-
- Per mile

<u>Term</u>		
Month-to-Month	1YWXS	6.50
2-Year	1YW2S	5.50
3-Year	1YW9S	5.50
5-Year	1YW5S	4.50
7-Year	1YW7S	4.50

* The rates and charges on this page are applicable in all rate zones.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.6 IntelliLight Shared Dual Path* (Cont'd)

- (C) DS3, IEF DS3, ISSP, and IEF ISSP
-
- Per point of termination

<u>Term</u>	<u>USOC</u>	<u>Monthly Rate</u>
Month-to-Month	T7XXX	\$400.00
3-Year	T7XX3	350.00
5-Year	T7XX5	300.00

- (D) ISDP DS3 and ISSP Standby Mileage
-
- Per mile

<u>Term</u>	<u>USOC</u>	<u>Monthly Rate</u>
Month-to-Month	1YWXS	\$65.00
3-Year	1YW9S	55.00
5-Year	1YW5S	45.00

- (E) ISDP Nonrecurring Charges

	<u>First</u>	<u>Additional</u>
Installation of DS1, DS3, ISSP, IEF ISSP, IEF DS3, or IEF DS1 - per point of termination	\$1.00	\$.75

* The rates and charges on this page are applicable in all rate zones.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.7 IntelliLight Optical Transport Service#

(T)

(A) Nodes

(1) Monthly Rates, Per Node

		Category I
<u>Node Type</u>	<u>USOC</u>	<u>3-Year Term</u>
<u>4 Channel Node</u>		
- Primary or Expansion Customer Premises	NBGG3	\$ 7,500.00
- Primary or Expansion Central Office	NBUG3	7,500.00
<u>16 Channel Node</u>		
- Primary Customer Premises	NBGE3	12,500.00
- Primary Central Office	NBUE3	12,500.00
- Expansion Customer Premises	NBGF3	12,500.00
- Expansion Central Office	NBUF3	12,500.00
		<u>5-Year Term</u>
<u>4 Channel Node</u>		
- Primary or Expansion Customer Premises	NBGG5	3,900.00
- Primary or Expansion Central Office	NBUG5	3,900.00
<u>16 Channel Node</u>		
- Primary Customer Premises	NBGE5	6,500.00
- Primary Central Office	NBUE5	6,500.00
- Expansion Customer Premises	NBGF5	6,500.00
- Expansion Central Office	NBUF5	6,500.00
		<u>7-Year Term</u>
<u>4 Channel Node</u>		
- Primary or Expansion Customer Premises	NBGG7	3,480.00
- Primary or Expansion Central Office	NBUG7	3,480.00
<u>16 Channel Node</u>		
- Primary Customer Premises	NBGE7	5,800.00
- Primary Central Office	NBUE7	5,800.00
- Expansion Customer Premises	NBGF7	5,800.00
- Expansion Central Office	NBUF7	5,800.00

Service availability limited. Refer to # footnote on Page 6-300.1.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.7 IntelliLight Optical Transport Service# (Cont'd)

(T)

(A) Nodes (Cont'd)

(1) Monthly Rates, Per Node (Cont'd)

<u>Category II</u>		
<u>Node Type</u>	<u>USOC</u>	<u>3-Year Term</u>
<u>4 Channel Node</u>		
- Primary or Expansion Customer Premises	NBGG3	\$ 6,530.00
- Primary or Expansion Central Office	NBUG3	6,530.00
<u>16 Channel Node</u>		
- Primary Customer Premises	NBGE3	8,270.00
- Primary Central Office	NBUE3	8,270.00
- Expansion Customer Premises	NBGF3	8,270.00
- Expansion Central Office	NBUF3	8,270.00
		<u>5-Year Term</u>
<u>4 Channel Node</u>		
- Primary or Expansion Customer Premises	NBGG5	4,900.00
- Primary or Expansion Central Office	NBUG5	4,900.00
<u>16 Channel Node</u>		
- Primary Customer Premises	NBGE5	6,200.00
- Primary Central Office	NBUE5	6,200.00
- Expansion Customer Premises	NBGF5	6,200.00
- Expansion Central Office	NBUF5	6,200.00
		<u>7-Year Term</u>
<u>4 Channel Node</u>		
- Primary or Expansion Customer Premises	NBGG7	4,850.00
- Primary or Expansion Central Office	NBUG7	4,850.00
<u>16 Channel Node</u>		
- Primary Customer Premises	NBGE7	6,100.00
- Primary Central Office	NBUE7	6,100.00
- Expansion Customer Premises	NBGF7	6,100.00
- Expansion Central Office	NBUF7	6,100.00

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.7 IntelliLight Optical Transport Service# (Cont'd)

(T)

(A) Nodes (Cont'd)

(2) Initial Nonrecurring Charges

<u>Category I</u>		
<u>Node Type</u>	<u>USOC</u>	<u>3-Year Term</u>
<u>4 Channel Node</u>		
- Primary or Expansion Customer Premises	NBGG3	\$1.00
- Primary or Expansion Central Office	NBUG3	1.00
<u>16 Channel Node</u>		
- Primary Customer Premises	NBGE3	1.00
- Primary Central Office	NBUE3	1.00
- Expansion Customer Premises	NBGF3	1.00
- Expansion Central Office	NBUF3	1.00
<u>5-Year Term</u>		
<u>4 Channel Node</u>		
- Primary or Expansion Customer Premises	NBGG5	1.00
- Primary or Expansion Central Office	NBUG5	1.00
<u>16 Channel Node</u>		
- Primary Customer Premises	NBGE5	1.00
- Primary Central Office	NBUE5	1.00
- Expansion Customer Premises	NBGF5	1.00
- Expansion Central Office	NBUF5	1.00
<u>7-Year Term</u>		
<u>4 Channel Node</u>		
- Primary or Expansion Customer Premises	NBGG7	1.00
- Primary or Expansion Central Office	NBUG7	1.00
<u>16 Channel Node</u>		
- Primary Customer Premises	NBGE7	1.00
- Primary Central Office	NBUE7	1.00
- Expansion Customer Premises	NBGF7	1.00
- Expansion Central Office	NBUF7	1.00

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.7 IntelliLight Optical Transport Service# (Cont'd)

(T)

(A) Nodes (Cont'd)

(2) Initial Nonrecurring Charges (Cont'd)

<u>Category II</u>		
<u>Node Type</u>	<u>USOC</u>	<u>3-Year Term</u>
<u>4 Channel Node</u>		
- Primary or Expansion Customer Premises	NBGG3	\$1.00
- Primary or Expansion Central Office	NBUG3	1.00
<u>16 Channel Node</u>		
- Primary Customer Premises	NBGE3	1.00
- Primary Central Office	NBUE3	1.00
- Expansion Customer Premises	NBGF3	1.00
- Expansion Central Office	NBUF3	1.00
<u>5-Year Term</u>		
<u>4 Channel Node</u>		
- Primary or Expansion Customer Premises	NBGG5	1.00
- Primary or Expansion Central Office	NBUG5	1.00
<u>16 Channel Node</u>		
- Primary Customer Premises	NBGE5	1.00
- Primary Central Office	NBUE5	1.00
- Expansion Customer Premises	NBGF5	1.00
- Expansion Central Office	NBUF5	1.00
<u>7-Year Term</u>		
<u>4 Channel Node</u>		
- Primary or Expansion Customer Premises	NBGG7	1.00
- Primary or Expansion Central Office	NBUG7	1.00
<u>16 Channel Node</u>		
- Primary Customer Premises	NBGE7	1.00
- Primary Central Office	NBUE7	1.00
- Expansion Customer Premises	NBGF7	1.00
- Expansion Central Office	NBUF7	1.00

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.7 IntelliLight Optical Transport Service# (Cont'd)

(T)

(A) Nodes (Cont'd)

(3) Subsequent Nonrecurring Charges

	<u>Category I</u>	
	<u>USOC</u>	<u>Nonrecurring Charge</u>
Subsequent Installation Per 4 Channel or 16 Channel Primary or Expansion Node	1CR3U	\$ 1,600.00
Upgrade to 16 Channel Primary or Expansion Node, Per 4 Channel Primary or Expansion Node Upgraded	NRMGS	20,000.00

	<u>Category II</u>	
	<u>USOC</u>	<u>Nonrecurring Charge</u>
Subsequent Installation Per 4 Channel or 16 Channel Primary or Expansion Node	1CR3U	1,600.00
Upgrade to 16 Channel Primary or Expansion Node, Per 4 Channel Primary or Expansion Node Upgraded	NRMGS	20,000.00

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.7 IntelliLight Optical Transport Service# (Cont'd)

(T)

(B) Ring Mileage, Per Mile

<u>Category I</u>		
	<u>USOC</u>	<u>Monthly Rate</u>
3-Year Term		
- Miles 1 - 20	1HOS3	\$1,100.00
- Miles 21 and Over	1HOSX	520.00
5-Year Term		
- Miles 1 - 20	1HOS5	639.00
- Miles 21 and Over	1HOSY	300.00
7-Year Term		
- Miles 1 - 20	1HOS7	575.00
- Miles 21 and Over	1HOSZ	270.00

<u>Category II*</u>		
	<u>USOC</u>	<u>Monthly Rate</u>
3-Year Term		
- Miles 1 - 20	1HOS3	310.00
- Miles 21 and Over	1HOSX	310.00
5-Year Term		
- Miles 1 - 20	1HOS5	230.00
- Miles 21 and Over	1HOSY	230.00
7-Year Term		
- Miles 1 - 20	1HOS7	225.00
- Miles 21 and Over	1HOSZ	225.00

* Category II rates are not eligible for the discounts applied under Contract Tariff Options 5, 6, 11 and 13 as set forth in Section 21 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.7 IntelliLight Optical Transport Service# (Cont'd)

(T)

(C) Network Optimization

- (1) Monthly Rate,
-
- Per Amplification Device

<u>Category I</u>		
	<u>USOC</u>	<u>Monthly Rate</u>
At Node 3-Year Term	MN2X3	\$5,000.00
At Node 5-Year Term	MN2X5	2,650.00
At Node 7-Year Term	MN2X7	2,400.00
Mid-Span 3-Year Term	MN2L3	5,400.00
Mid-Span 5-Year Term	MN2L5	2,800.00
Mid-Span 7-Year Term	MN2L7	2,600.00

<u>Category II*</u>		
	<u>USOC</u>	<u>Monthly Rate</u>
Mid-Span 3-Year Term	MN2L3	5,130.00
Mid-Span 5-Year Term	MN2L5	3,850.00
Mid-Span 7-Year Term	MN2L7	3,825.00

* Category II rates are not eligible for the discounts applied under Contract Tariff Options 5, 6, 11 and 13 as set forth in Section 21 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.7 IntelliLight Optical Transport Service# (Cont'd)

(T)

(C) Network Optimization (Cont'd)

(2) Initial Nonrecurring Charges

	<u>Category I</u>	
	<u>USOC</u>	<u>Nonrecurring Charge</u>
At Node 3-Year Term	MN2X3	\$1.00
At Node 5-Year Term	MN2X5	1.00
At Node 7-Year Term	MN2X7	1.00
Mid-Span 3-Year Term	MN2L3	1.00
Mid-Span 5-Year Term	MN2L5	1.00
Mid-Span 7-Year Term	MN2L7	1.00

	<u>Category II</u>	
	<u>USOC</u>	<u>Nonrecurring Charge</u>
Mid-Span 3-Year Term	MN2L3	1.00
Mid-Span 5-Year Term	MN2L5	1.00
Mid-Span 7-Year Term	MN2L7	1.00

(3) Subsequent Nonrecurring Charges

	<u>Category I</u>	
	<u>USOC</u>	<u>Nonrecurring Charge</u>
Subsequent Installation, Per Amplification Device	1CR3V	\$1,600.00

	<u>Category II</u>	
	<u>USOC</u>	<u>Nonrecurring Charge</u>
Subsequent Installation, Per Amplification Device	1CR3V	1,600.00

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.7 IntelliLight Optical Transport Service# (Cont'd)

(T)

(D) Optical Transport Channels

(1) Monthly Rates

				<u>Category I</u>
				<u>USOC</u>
				<u>3-Year Term</u>
Unprotected	SONET	OC3	ODXF3	\$ 850.00
Unprotected	SONET	OC12	ODXH3	1,400.00
Unprotected	SONET	OC48	ODXT3	3,450.00
Unprotected	SONET	OC192	ODX13	5,800.00
				<u>5-Year Term</u>
Unprotected	SONET	OC3	ODXF5	\$ 450.00
Unprotected	SONET	OC12	ODXH5	725.00
Unprotected	SONET	OC48	ODXT5	1,870.00
Unprotected	SONET	OC192	ODX15	4,100.00
				<u>7-Year Term</u>
Unprotected	SONET	OC3	ODXF7	\$ 400.00
Unprotected	SONET	OC12	ODXH7	650.00
Unprotected	SONET	OC48	ODXT7	1,625.00
Unprotected	SONET	OC192	ODX17	3,250.00
				<u>Category II*</u>
				<u>3-Year Term</u>
Unprotected	SONET	OC3	ODXF3	\$1,270.00
Unprotected	SONET	OC12	ODXH3	1,400.00
Unprotected	SONET	OC48	ODXT3	1,870.00
Unprotected	SONET	OC192	ODX13	4,600.00
				<u>5-Year Term</u>
Unprotected	SONET	OC3	ODXF5	\$ 950.00
Unprotected	SONET	OC12	ODXH5	1,050.00
Unprotected	SONET	OC48	ODXT5	1,400.00
Unprotected	SONET	OC192	ODX15	3,450.00
				<u>7-Year Term</u>
Unprotected	SONET	OC3	ODXF7	\$ 850.00
Unprotected	SONET	OC12	ODXH7	950.00
Unprotected	SONET	OC48	ODXT7	1,300.00
Unprotected	SONET	OC192	ODX17	3,350.00

* Category II rates are not eligible for the discounts applied under Contract Tariff Options 5, 6, 11 and 13 as set forth in Section 21 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.1 Switched Transport (Cont'd)6.9.1.7 IntelliLight Optical Transport Service# (Cont'd)

(T)

(D) Optical Transport Channels (Cont'd)

(2) Nonrecurring Charges

(a) Initial Installation Charges,
Per Optical Transport Channel

<u>Category I</u>		
<u>Interface Type</u>	<u>USOC</u>	<u>Nonrecurring Charge</u>
Unprotected SONET OC3	1CR3F	\$1.00
Unprotected SONET OC12	1CR3F	1.00
Unprotected SONET OC48	1CR3F	1.00
Unprotected SONET OC192	1CR3F	1.00

<u>Category II</u>		
<u>Interface Type</u>	<u>USOC</u>	<u>Nonrecurring Charge</u>
Unprotected SONET OC3	1CR3F	1.00
Unprotected SONET OC12	1CR3F	1.00
Unprotected SONET OC48	1CR3F	1.00
Unprotected SONET OC192	1CR3F	1.00

(b) Subsequent Installation Charges,
Per Optical Transport Channel

<u>Category I</u>		
Unprotected SONET OC3	1CR3M	1.00
Unprotected SONET OC12	1CR3M	1.00
Unprotected SONET OC48	1CR3M	1.00
Unprotected SONET OC192	1CR3M	1.00

<u>Category II</u>		
Unprotected SONET OC3	1CR3M	1.00
Unprotected SONET OC12	1CR3M	1.00
Unprotected SONET OC48	1CR3M	1.00
Unprotected SONET OC192	1CR3M	1.00

Service availability limited. Refer to # footnote on Page 6-300.1.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.2 End Office(A) Local Switching

<u>Premium Rates</u>	<u>Rate</u>	<u>USOC</u>
LS1-Feature Groups A & B (except for FGB when subscribed to by a provider of MTS and WATS)		LSU11
- Originating	\$.002406	(C)
- Terminating	.000000	(R)
LS1-Lineside BSA and Trunkside BSA - 950 Option (except for Trunkside BSA-950 Option when subscribed to by a provider of MTS and WATS)		LSU09
- Originating	.002403	(C)
- Terminating	.000000	(R)
LS2-Feature Group D (and for FGB when subscribed to by a provider of MTS and WATS)		LSU12
- Originating	.002406	(C)
- Terminating	.000000	(R)
LS2-Trunkside BSA - BSA-101XXXX Option (and for Trunkside BSA-950 Option when subscribed to by a provider of MTS and WATS)		LSU10
- Originating	.002403	(C)
- Terminating	.000000	(R)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.2 End Office (Cont'd)(A) Local Switching (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
Dedicated Trunk Port#,			
- per Trunk	PT8VX	\$ 11.25	
Shared End Office Trunk			
- per minute of use	ETCTA		
- Originating		0.001688	
- Terminating		0.000000	
Common Channel Signaling Access			
Service STP Port Termination*			
- Per month, per port	PT8SX	900.00	
Composite Terminating End Office Charge			
- Per Terminating Minute of Use		0.000000	(R)

Rate will only apply to the portion associated with originating usage.

*Note: For Common Channeling Signaling Access Service, an STP Access Mileage charge also applies. See Section 6.9.1(L) preceding.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.2 End Office (Cont'd)(A) Local Switching (Cont'd)(1) Common Switching Optional Features and BSEs

	<u>FID/USOC</u>	<u>Rate</u>	<u>Nonrecurring Charge</u>
(a) Call Denial on Line or Hunt Group (available with Lineside BSA) - Per Transmission Path or Transmission Path Group	CAD	None	None
(b) Service Code Denial on Line or Hunt Group (available with Lineside BSA) - Per Transmission Path or Transmission Path Group	SCD	None	None
(c) Hunt Group Arrangement (available with Lineside BSA) - Per Transmission Path Group	HML/HTG	None	None
(d) Hunting Service Arrangements BSE (available with Lineside BSA) - Per Line, Per Month	HSHPG	\$ 0.15	None
(e) Hunting Service Arrangements: Circular BSE (available with Lineside BSA) - Per Line, Per Month	HSCH	\$ 0.15	None
(f) Hunting Service Arrangements: Preferred BSE (available with Lineside BSA) - Per Line, Per Month	SHHP	\$ 0.15	None
(g) Uniform Call Distribution Arrangement (available with Lineside BSA) - Per Transmission Path	HTY UD	None	None
(h) Uniform Call Distribution BSE (available with Lineside BSA) - Per Line, Per Month	EH7PG	\$ 1.25	None

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.2 End Office (Cont'd)(A) Local Switching (Cont'd)(1) Common Switching Optional Features and BSEs (Cont'd)

	<u>FID/USOC</u>	<u>Rate</u>	<u>Nonrecurring Charge</u>	
(i) Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement (available with Lineside BSA) - Per Transmission Path	NHN	None	None	
(j) Non-Hunt Directory Numbers BSE (available with Lineside BSA) - Per Group, Per Month	HSGPN	\$ 0.00	None	
(k) Automatic Number Identification (available with Trunkside BSA - 950 Option and Trunkside - 101XXXX Option) - Per Transmission Path Group	ANI	None	None	(D)
(l) Automatic Number Identification BSE (available with Trunkside BSA - 950 Option and Trunkside - 101XXXX Option - Per Call	ANI	\$ 0.0005	None	(D)
(m) Up to 7 Digit Outpulsing of Access Digits to Customer (available with Trunkside BSA - 950 Option) - Per Transmission Path Group	USDO	None	None	
(n) Reserved for Future Use				(C) (D) (D)
(o) Reserved for Future Use				(C) (D) (D)

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(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.2 End Office (Cont'd)(A) Local Switching (Cont'd)(1) Common Switching Optional Features and BSEs (Cont'd)

	<u>FID/USOC</u>	<u>Rate</u>	<u>Nonrecurring Charge</u>	
(p) Reserved for Future Use				(C) (D) (D)
(q) Reserved for Future Use				(C) (D) (D)
(r) Reserved for Future Use				(C) (D) (D)
(s) Service Class Routing (available with Trunkside BSA-101XXXX Option and FGD) - Per Transmission Path Group	SCRT	None	None	(D) (D)
(t) Alternate Traffic Routing (available with FGB and FGD) - Per Transmission Path Group	ARTG	None	None	(D)
(u) Alternate Traffic Routing (available with Trunkside BSA - 950 Option, and Trunkside BSA-101XXXX Option, - Per Transmission Path Group	RALPG	None	\$31.00	(D)
(v) Trunk Access Limitation Arrangement (available with Trunkside BSA-10XXXX or 101XXXX Option and FGD) - Per End Office	CHOK	None	None	(D) (D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.2 End Office (Cont'd)(A) Local Switching (Cont'd)(1) Common Switching Optional Features and BSEs (Cont'd)

	<u>FID/USOC</u>	<u>Rate</u>	<u>Nonrecurring Charge</u>	
(w) Call Gapping Arrangement (available with Trunkside BSA-101XXXX Option and FGD) - Per End Office	CGAP	None	None	
(x) International Carrier Option (available with Trunkside BSA-101XXXX Option and FGD) - Per End Office and Access Tandem	INCO	None	None	
(y) Band Advance Arrangement for use with WATS Access Line Service (available with Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGA, FGB, and FGD) - Per Arrangement	BAAD	None	None	(D) (D)
(z) End Office End User Line Service Screening for use with WATS Access Line Service (available with Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA - 101XXXX Option, FGA, FGB, and FGD) - Per WATS Access Line	BAND	None	None	(D) (D)
(aa) Hunt Group Arrangement for use with WATS Access Line Service (available with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGA, FGB, and FGD) - Per WATS Access Line	HML/HTG	None	None	(D) (D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.2 End Office (Cont'd)(A) Local Switching (Cont'd)(1) Common Switching Optional Features and BSEs (Cont'd)

	<u>FID/USOC</u>	<u>Rate</u>	<u>Nonrecurring Charge</u>	
(ab) Uniform Call Distribution Arrangement for use with WATS Access Line Service (available with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGA, FGB, and FGD) - Per WATS Access Line Group	HTY UD	None	None	(D) (D)
(ac) Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for use with WATS Access Line Service (available with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGA, FGB, and FGD) - Per WATS Access Line Group	NHN	None	None	(D) (D)
(ad) Toll Billing Exception (available with Lineside BSA and FGA) - Per Transmission Path	TBE A	None	None	

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.2 End Office (Cont'd)(A) Local Switching (Cont'd)(1) Common Switching Optional Features and BSEs (Cont'd)

	<u>FID/USOC</u>	<u>Rate</u>	<u>Nonrecurring Charge</u>
(ae) Calling Party Number (available with Trunkside BSA-101XXXX Option equipped with out of band signaling) - Per End Office, Per Trunk Group * +	CF3CP	None	None
(af) Charge Number (available with Trunkside BSA-101XXXX Option equipped with out of band signaling) - Per End Office, Per Trunk Group *	CF3CN	None	None
(ag) Charge Number BSE (available with Trunkside BSA-101XXXX Option with out of band signaling) - Per Call *	CNB	\$ 0.0005	None
(ah) Carrier Selection Parameter (available with Trunkside BSA-101XXXX Option equipped with out of band signaling) - Per End Office, Per Trunk Group * ++	CF3CS	None	None
(ai) Answer Supervision With a Lineside Interface BSE (available with Lineside BSA) - Per Line, Per Month	USW1X	\$ 1.75	\$15.00

* Available only on originating Trunkside BSA-101XXXX Option.

+ Calling Party Number is not offered in Pennsylvania, and where it is not technically feasible.

++ Available only at designated Telephone Company switches.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.2 End Office (Cont'd)(A) Local Switching (Cont'd)(1) Common Switching Optional Features and BSEs (Cont'd)

	<u>FID/USOC</u>	<u>Rate</u>	<u>Nonrecurring Charge</u>
(aj) Three-Way Call Transfer BSE (available with Lineside BSA) - Per Line, Per Month	EO3	\$ 7.50	\$ 3.00
(ak) Messaging Services Interface BSE (available with Lineside BSA) - Per Line, Per Month	SME	515.00	780.00
(al) Premier Messaging Services Interface BSE - Per Arrangement, Per Month	CF3MS	500.00	
(am) Make Busy Arrangement BSE (available with Lineside BSA) -Per Group, Per Month	DXV	80.00	30.00
(an) Three-Way Calling BSE (available with Lineside BSA) - Per Line, Per Month	ESC	7.00	3.00
(ao) Flexible Automatic Number Identification BSE (available with Trunkside BSA-101XXXX Option) - Per End Office, Per CIC	NUVPO	None	1,100.00
- Payphone Coding Digits Charge - Per line, each Payphone Service Provider	OLN	0.00*	
(ap) Flexible Automatic Number Identification, available with Feature Group D - Per End Office, Per CIC	NRBFN	None	1,100.00
- Payphone Coding Digits Charge - Per line, each Payphone Service Provider	OLN	0.00*	

* Rate to be recovered over 24 months commencing November 1, 1998 and ending October 31, 2000.

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6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.2 End Office (Cont'd)(A) Local Switching (Cont'd)(1) Common Switching Optional Features and BSEs (Cont'd)

	<u>FID/USOC</u>	<u>Rate</u>	<u>Nonrecurring Charge</u>
(aq) Direct Inward Dialing Service BSE (available with Lineside BSA) - Per Trunk, Per month	-	\$10.00	\$ 6.00
(ar) Direct Inward Dialing Trunk Queuing BSE (available with Lineside BSA) - Per Trunk, Per month	-	2.00	35.00
(as) Access Transport Parameter (available with Trunkside BSA-101XXXX Option equipped with out of band signaling) - Per End Office, Per Trunk Group * ++	-	NONE	NONE
(at) 950 on Feature Group D - Per End Office, Per CIC	NR4NF	NONE	270.00

* Available only on originating Trunkside BSA-101XXXX Option.

++ Available only at designated Telephone Company switches.

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6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.2 End Office (Cont'd)(A) Local Switching (Cont'd)(1) Common Switching Optional Features and BSEs (Cont'd)

(au) 900 Access Service (available with Feature Groups D, 900 Access Service trunk groups, and Trunkside BSA-101XXXX Option) (D)
(D)

	<u>USOC</u>	<u>Nonrecurring Charge</u>	
		<u>First*</u>	<u>Additional*</u>
- Per LATA, per NXX (activated or deactivated)	ADNC8		
Altoona		\$1,917.55	\$ 197.53
Atlantic Coastal		479.84	49.48
Baltimore		2,300.84	236.53
Capital		1,384.90	142.66
Culpepper		1,918.91	198.03
Delaware Valley		1,254.97	129.41
Hagerstown		843.40	86.75
Lynchburg		561.63	57.96
Norfolk		2,012.52	207.69
Northeast		2,610.00	268.86
North Jersey		3,801.82	392.02
Philadelphia		7,286.17	750.55
Pittsburg		5,699.38	587.10
Richmond		1,684.90	173.88
Roanoke		1,872.11	193.20
Salisbury		824.83	84.80
Washington LATA		4,821.81	496.49
- Per State, per NXX (activated or deactivated)	ADNC8		
District of Columbia		1,701.59	175.27
State of Maryland		5,730.39	589.11
State of Virginia		8,050.06	830.76
State of New Jersey		5,536.63	570.91
State of Pennsylvania		18,003.65	1,854.57
State of Delaware		894.34	92.13

* First and Additional nonrecurring charges are applied on a per order basis. The "First" rate applies to the initial code on an order for service and the "Additional" rate to each additional code on the same order.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.2 End Office (Cont'd)(A) Local Switching (Cont'd)(1) Common Switching Optional Features and BSEs (Cont'd)

(av) Switched Access Signalling Service (SASS)	<u>Rate</u>
- per call	0.0000

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.2 End Office (Cont'd)(A) Local Switching (Cont'd)(2) Transport Termination Nonchargeable OptionsFID(a) Line Side Terminations
(For Lineside BSA and FGA)

Two-Way Operation

- Dial Pulse with Loop Start	NC +++A
- Dial Pulse with Ground Start	NC +++E
- DTMF with Loop Start	NC +++F
- DTMF with Ground Start	NC +++G

Termination Operation

- Dial Pulse with Loop Start	NC +++N
- Dial Pulse with Ground Start	NC +++P
- DTMF with Loop Start	NC +++R
- DTMF with Ground Start	NC +++S

Originating Operation

- Loop Start	NC +++U
- Ground Start	NC +++V

(b) Trunk Side Terminations
(For Trunkside BSA - 950 Option,
Trunkside BSA-101XXXX Option,
FGB and FGD)(D)
(D)Standard Trunk for Originating,
Terminating or Two-Way operation
(available with Trunkside BSA

-950 Option, Trunkside	TTC SO	(D)
BSA-101XXXX Option, FGB	TTC ST	(D)
and FGD)	TTC TY	

Rotary Dial Station Signaling Trunk
(available with Trunkside BSA -
950 Option and FGB)

TTC RD

(D)
|
(D)Operator Trunk, Full Feature
Arrangement (available with
Trunkside BSA-101XXXX Option
and FGD)

TTC FF

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.2 End Office (Cont'd)(A) Local Switching (Cont'd)

(3) WATS Access Line Termination Nonchargeable Options

(a) Line Side Terminations: FID

Originating Only
Loop Start, Line Side
Connection, with DTMF
Address Signaling
- Per Transmission Path NC +++R

Originating Only
Loop Start, Line Side
Connection, with Dial
Pulse Address Signaling
- Per Transmission Path NC +++N

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6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.2 End Office (Cont'd)(A) Local Switching (Cont'd)(3) WATS Access Line Termination Nonchargeable Options
(Cont'd)

(a) Line Side Terminations: (Cont'd)

	<u>FID</u>
Originating Only	
Ground Start, Line Side	
Connection, with DTMF	
Address Signaling	
- Per WATS Access Line	NC +++S
Originating Only	
Ground Start, Line Side	
Connection, with Dial	
Pulse Address Signaling	
- Per WATS Access Line	NC +++P
Terminating Only	
Loop Start, Line Side	
Connection	
- Per WATS Access Line	NC +++U
Terminating Only	
Ground Start, Line Side	
Connection	
- Per WATS Access Line	NC +++V

(b) Trunk Side Terminations:

Terminating Only	
Trunk Side Connection	
for forwarding of Dialed	
Number Identification	
to End User	
- Per WATS Access Line	NC +++T

(c) Dialed Number Identification	NC +++T
Service (DNIS)	
- Common equipment to equip	UGT
a group for DNIS	
- Per WATS access line in the	UGW
group	

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.2 End Office (Cont'd)(A) Local Switching (Cont'd)

(4) WATS Access Line Termination Chargeable Options

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Answer Supervision Trunk Side Termina- tions For WATS Access lines Originating Only			
- Per Initial and Additional WATS Access Line Service, Per Trunk Group	-	None	None
- Per Initial WATS Access Line	UAS1X UAS	\$14.06	\$100.28
- Per Each Additional WATS Access Line	UASAX UAS	14.06	55.67

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)

6.9.3 <u>Message Unit Credit</u>	<u>USOC</u>	Per Originating Lineside BSA <u>Access Minute</u>	
States of Maryland, Virginia, and Washington, D.C.	MUCLT	(\$.002000)*	(D)
State of Delaware	MUCLT	(.001000)*	
State of New Jersey	MUCLT	(.002000)*	
State of Pennsylvania	MUCLT	(.001543)*	

* () equals a negative amount.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.4 Reserved for Future Use

(C)

(D)

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(D)

6.9.5 Information Surcharge

Premium Rate Per Access Minute

0.000000

DSC

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.6 Tandem Access Sectorization

	<u>RATE</u>	<u>USOC</u>
Per Trunk, Per Month	\$ 1.00	TJN
Nonrecurring Charges		
Initial, Per Customer,		
Per Tandem	5,300.00	TJNTI
Subsequent, Per Point		
of Termination	820.00	TJNTS

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)

6.9.7 <u>Switched 56 Kilobit Service</u>	<u>USOC</u>	<u>Rates Per Access Minute</u>
- Per S56 access minute	56S	\$0.000000

6.9.8 Reserved For Future Use(D)
(C)
(D)6.9.9 0+900 Access Service

(A) Activation per end office	-	\$400.00	-
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(D)

(Issued under Transmittal No. 1226)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.10 Reserved for Future Use

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(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

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6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

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6.9 Rates and Charges (Cont'd)

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6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

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6.9 Rates and Charges (Cont'd)

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6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

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6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.11 Reserved

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(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.12 Common Switching and Transport Termination Optional Features and BSEs(A) Signaling System 7 Message Waiting Indicator (SS7MWI) Signaling Service

	<u>USOC</u>	<u>Monthly Rate</u>	
SS7MWI Signaling Service, per messaging arrangement ¹	S7M	\$500.00	(C)

(D)

(D)

¹ See 6.4.1(AG)(8) for rate application exception in LATAs 224, 228, and 236. (N)

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