

VERIZON TELEPHONE COMPANIES

Vice President, Federal Regulatory

1300 I Street NW

Washington, DC 20005

Issued: March 1, 2019

TARIFF FCC NO. 16

326th Revised Page 1

Cancels 325th Revised Page 1

Effective: March 16, 2019

ACCESS SERVICE**Check Sheet**

Title Pages 1 to 4 and Pages 1 to 23-6 inclusive, of this tariff are effective as of the date shown. The original and revised pages named below and Supplement No. 1, 2, 5, 6, 7, 8, and 10 contain all changes from the original tariff that are in effect on the date shown.

<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>
Title Page 1	1st	40	3rd	2-25.2	1st
Title Page 2	6th	41	5th	2-26	1st
Title Page 3	2nd	42	13th	2-27	1st
Title Page 4	1st	42.1	1st	2-28	2nd
1	326th*	42.2	2nd	2-29	1st
1.1	21st*	43	7th	2-30	Original
2	88th*	44	6th	2-31	1st
3	47th*	45	9th	2-32	Original
4	56th*	46	1st	2-33	Original
5	61st*	47	5th	2-34	Original
5.1	9th*	48	3rd	2-35	2nd
6	143rd*	49	5th	2-35.1	Original
7	32nd	50	1st	2-36	3rd*
8	15th	51	6th	2-37	Original
9	38th	52	1st	2-38	Original
10	17th	1-1	5th	2-39	Original
11	9th	2-1	Original	2-40	Original
12	6th	2-2	1st	2-41	Original
13	41st	2-3	Original	2-42	Original
13.1	26th*	2-4	Original	2-43	Original
14	1st	2-5	Original	2-44	1st
15	3rd	2-6	1st	2-45	1st
16	2nd	2-7	5th	2-46	Original
17	1st	2-8	4th	2-47	Original
18	1st	2-9	2nd	2-48	Original
19	6th	2-10	3rd	2-49	1st
19.1	7th	2-11	2nd	2-50	Original
20	3rd	2-12	1st	2-51	1st
21	Original	2-13	1st	2-52	1st
22	5th	2-14	7th	2-53	Original
23	5th	2-14.1	3rd	2-54	1st
24	2nd	2-15	6th	2-55	Original
25	1st	2-16	2nd	2-56	1st
26	4th	2-17	4th	2-57	1st
27	4th	2-18	4th	2-58	Original
28	4th	2-18.1	1st	2-59	Original
29	5th	2-19	4th*	2-60	2nd
30	7th	2-20	4th	2-61	1st
31	6th*	2-21	1st	2-62	Original
32	1st	2-22	6th	2-63	2nd
33	2nd	2-22.1	7th	2-64	3rd
34	1st	2-23	1st	2-65	1st
35	1st	2-24	1st	2-66	2nd
36	2nd	2-25	4th	2-67	Original
37	1st	2-25.1	3rd	2-68	1st
38	3rd				
39	3rd				

* New or Revised

(This page filed under Transmittal No. 1392.)

VERIZON TELEPHONE COMPANIES

Vice President, Federal Regulatory

1300 I Street NW

Washington, DC 20005

Issued: March 1, 2019

TARIFF FCC NO. 16

21st Revised Page 1.1

Cancels 20th Revised Page 1.1

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ACCESS SERVICE**Check Sheet**

<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>
2-69	2nd	2-69.41	1st	2-90	2nd
2-69.1	1st	2-69.42	1st	2-91	1st
2-69.2	1st	2-69.43	1st	2-92	3rd
2-69.3	2nd	2-69.44	1st	2-93	2nd
2-69.4	3rd	2-69.45	1st	2-94	1st
2-69.5	3rd	2-69.46	1st	2-95	1st
2-69.6	7th*	2-69.47	1st	2-96	1st
2-69.7	4th	2-70	7th	2-97	Original
2-69.8	1st	2-71	3rd	2-98	Original
2-69.9	1st	2-72	3rd	2-99	Original
2-69.10	2nd	2-73	3rd	2-100	Original
2-69.11	5th	2-74	3rd	2-101	Original
2-69.12	Original	2-75	3rd	2-102	Original
2-69.13	Original	2-76	3rd	2-103	Original
2-69.14	Original	2-77	3rd		
2-69.15	3rd	2-78	3rd		
2-69.16	3rd	2-79	3rd		
2-69.17	3rd	2-80	3rd		
2-69.18	3rd	2-80.1	1st		
2-69.19	3rd	2-80.2	1st		
2-69.20	4th	2-81	4th		
2-69.21	3rd	2-82	5th		
2-69.22	3rd	2-83	4th		
2-69.23	3rd	2-84	4th		
2-69.24	3rd	2-85	4th		
2-69.25	3rd	2-86	4th		
2-69.26	1st	2-87	4th		
2-69.27	1st	2-88	4th		
2-69.28	1st	2-89	4th		
2-69.29	1st	2-89.1	2nd		
2-69.30	1st	2-89.2	2nd		
2-69.31	1st	2-89.3	2nd		
2-69.32	1st	2-89.3.1	2nd		
2-69.33	1st	2-89.3.2	2nd		
2-69.34	1st	2-89.3.3	2nd		
2-69.35	1st	2-89.4	3rd		
2-69.36	1st	2-89.5	3rd		
2-69.37	1st	2-89.6	3rd		
2-69.38	2nd	2-89.7	3rd		
2-69.39	1st	2-89.8	3rd		
2-69.40	1st	2-89.9	3rd		
		2-89.10	3rd		
		2-89.11	3rd		
		2-89.12	4th		

* New or Revised

VERIZON TELEPHONE COMPANIES

Vice President, Federal Regulatory

1300 I Street NW

Washington, DC 20005

Issued: March 1, 2019

TARIFF FCC NO. 16

88th Revised Page 2

Cancels 87th Revised Page 2

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ACCESS SERVICE**Check Sheet (Cont'd)**

<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>
3-1	1st	5-7	4th	6-26	Original
3-2	1st	5-8	3rd	6-27	Original
3-3	1st	5-9	Original	6-28	1st
3-4	Original	5-10	Original	6-29	Original
3-5	Original	5-11	1st	6-30	2nd
3-6	1st	5-12	1st	6-31	1st
3-7	Original	5-13	2nd	6-32	1st
3-8	Original	5-14	2nd*	6-33	Original
3-9	1st	5-15	4th	6-34	2nd
3-10	Original	5-16	2nd	6-35	1st
3-11	1st	5-17	Original	6-36	1st
3-12	1st	5-18	2nd*	6-37	1st
3-13	3rd	5-18.1	Original	6-38	1st
3-14	40th	5-19	4th*	6-39	3rd
3-15	40th	5-20	3rd*	6-40	1st
3-16	39th	5-21	1st	6-41	1st
3-17	40th	5-22	1st	6-42	1st
3-18	38th	5-22.1	Original	6-43	2nd
3-19	39th	5-23	6th	6-44	Original
3-20	40th	5-23.1	10th	6-45	Original
3-21	1st	5-24	9th	6-46	2nd
3-22	1st	6-1	1st	6-47	2nd
3-23	1st	6-2	2nd	6-48	1st
3-24	1st	6-3	Original	6-49	4th
3-25	1st	6-4	1st	6-50	3rd
3-26	Original	6-5	Original	6-51	1st
3-27	29th	6-6	Original	6-52	2nd
4-1	6th	6-7	Original	6-53	1st
4-2	Original	6-8	1st	6-54	3rd
4-3	6th	6-9	Original	6-55	3rd
4-4	1st	6-10	1st	6-56	3rd
4-5	1st	6-11	Original	6-57	2nd
4-6	6th	6-12	1st	6-58	2nd
4-7	4th	6-13	Original	6-59	4th
4-8	32nd	6-14	2nd	6-60	4th
4-9	40th	6-15	1st	6-61	4th
4-10	37th	6-16	1st	6-61.1	1st
4-11	5th	6-17	1st	6-61.2	1st
4-12	6th	6-18	1st	6-62	1st
4-13	6th	6-19	3rd	6-63	1st
5-1	Original	6-20	1st	6-64	3rd
5-2	2nd	6-21	1st	6-65	2nd
5-3	2nd	6-22	1st	6-66	1st
5-4	2nd	6-23	2nd	6-67	Original
5-5	Original	6-24	Original	6-68	5th
5-6	2nd	6-25	Original	6-69	4th
				6-70	Original

* New or Revised

(This page filed under Transmittal No. 1392.)

VERIZON TELEPHONE COMPANIES

Vice President, Federal Regulatory

1300 I Street NW

Washington, DC 20005

Issued: March 1, 2019

TARIFF FCC NO. 16

47th Revised Page 3

Cancels 46th Revised Page 3

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ACCESS SERVICE**Check Sheet**

<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>
6-71	1st	6-111	1st	6-151	4th
6-71.1	1st	6-112	2nd	6-151.1	5th
6-71.2	2nd	6-113	1st	6-152	3rd
6-72	1st	6-114	Original	6-152.1	1st
6-73	1st	6-115	5th*	6-153	3rd
6-74	2nd	6-116	2nd*	6-154	4th
6-75	1st	6-117	1st	6-155	1st
6-76	1st	6-118	1st	6-156	1st
6-77	Original	6-119	Original	6-157	Original
6-78	4th	6-120	Original	6-158	1st
6-79	5th	6-121	2nd	6-159	Original
6-80	2nd	6-122	1st	6-160	1st
6-81	2nd	6-123	1st	6-161	1st
6-82	6th	6-124	1st	6-162	Original
6-83	2nd	6-125	3rd*	6-163	1st
6-84	1st	6-126	Original	6-164	2nd
6-85	Original	6-127	2nd	6-165	11th
6-86	Original	6-128	1st	6-166	2nd
6-87	2nd	6-129	1st	6-167	12th
6-88	2nd	6-130	1st	6-168	13th
6-89	Original	6-131	2nd	6-169	4th
6-90	2nd	6-132	2nd*	6-170	8th
6-91	1st	6-133	Original	6-171	3rd
6-92	Original	6-134	1st	6-171.1	2nd
6-93	Original	6-135	Original	6-172	3rd
6-94	Original	6-136	Original	6-173	6th
6-95	Original	6-137	1st	6-174	2nd
6-96	5th	6-138	1st	6-175	8th
6-97	3rd	6-139	2nd	6-176	8th
6-98	Original	6-140	Original	6-177	2nd
6-99	1st	6-141	1st	6-178	8th
6-100	Original	6-142	2nd	6-179	2nd
6-101	1st	6-143	2nd	6-179.1	2nd
6-102	1st	6-144	Original	6-180	2nd
6-103	1st	6-145	Original	6-181	6th
6-104	1st	6-146	1st	6-182	1st
6-105	1st	6-147	1st	6-183	8th
6-106	Original	6-148	1st	6-184	8th
6-107	5th	6-149	4th	6-185	1st
6-108	2nd	6-150	6th	6-186	6th
6-109	1st	6-150.1	1st	6-187	2nd
6-110	5th			6-187.1	2nd
				6-188	2nd
				6-189	2nd
				6-190	1st

* New or Revised

(This page filed under Transmittal No. 1392.)

VERIZON TELEPHONE COMPANIES

Vice President, Federal Regulatory

1300 I Street NW

Washington, DC 20005

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TARIFF FCC NO. 16

56th Revised Page 4

Cancels 55th Revised Page 4

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ACCESS SERVICE**Check Sheet**

<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>
6-191	1st	6-231	11th	7-1	8th*
6-192	1st	6-232	9th	7-2	2nd*
6-193	1st	6-233	4th	7-3	2nd*
6-194	3rd	6-234	10th	7-4	Original
6-195	1st	6-235	3rd	7-5	Original
6-196	1st	6-235.1	2nd	7-6	5th
6-197	2nd	6-236	3rd	7-7	Original
6-198	2nd	6-237	13th	7-8	Original
6-199	4th	6-238	2nd	7-9	Original
6-200	3rd	6-239	12th	7-10	Original
6-201	1st	6-240	14th	7-11	3rd
6-202	7th	6-241	3rd*	7-12	7th
6-203	1st	6-242	9th	7-12.1	1st
6-204	1st	6-243	2nd	7-13	1st
6-205	10th	6-243.1	1st	7-14	4th
6-206	Original	6-244	2nd	7-14.1	1st
6-207	8th	6-245	2nd	7-15	2nd
6-208	10th	6-246	1st	7-16	1st
6-209	3rd*	6-247	1st	7-17	5th*
6-210	8th	6-248	8th	7-18	Original
6-211	2nd	6-249	1st	7-19	1st*
6-211.1	1st	6-250	4th	7-19.1	Original*
6-212	2nd	6-251	2nd	7-20	Original
6-213	13th	6-251.1	2nd	7-21	Original
6-214	1st	6-252	2nd	7-22	Original
6-215	10th	6-253	5th	7-23	Original
6-216	10th	6-254	1st	7-24	1st*
6-217	3rd*	6-255	9th	7-25	Original
6-218	10th	6-256	6th	7-26	Original
6-219	2nd	6-257	1st	7-27	2nd*
6-219.1	1st	6-258	6th	7-28	7th
6-220	2nd	6-259	1st	7-28.1	1st
6-221	2nd	6-260	1st	7-29	2nd
6-222	1st	6-261	5th	7-30	Original
6-223	1st	6-262	1st	7-31	1st
6-224	1st	6-263	6th	7-32	Original
6-225	1st	6-264	9th	7-33	Original
6-226	3rd	6-265	1st	7-34	1st
6-227	1st	6-266	6th	7-35	4th
6-228	1st	6-267	2nd	7-36	2nd
6-229	11th	6-267.1	2nd	7-37	1st
6-230	2nd	6-268	2nd	7-38	2nd
		6-269	3rd	7-39	3rd
		6-270	4th	7-40	5th*
		6-271	5th		
		6-272	5th		
		6-273	6th		
		6-274	3rd		

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(This page filed under Transmittal No. 1392.)

VERIZON TELEPHONE COMPANIES

Vice President, Federal Regulatory

1300 I Street NW

Washington, DC 20005

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TARIFF FCC NO. 16

61st Revised Page 5

Cancels 60th Revised Page 5

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ACCESS SERVICE**Check Sheet (Cont'd)**

<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>
7-41	2nd	7-50	2nd	7-87	14th
7-42	3rd*	7-51	10th	7-88	4th
7-43	3rd	7-52	13th	7-89	2nd
7-44	3rd	7-53	1st	7-90	3rd
7-45	3rd	7-54	1st	7-91	3rd
7-46	4th	7-55	10th	7-91.1	1st
7-47	Original	7-56	9th	7-91.2	1st
7-48	Original	7-57	14th	7-92	6th
7-49	2nd	7-58	1st	7-92.1	5th
7-49.1	1st	7-59	Original	7-93	5th
7-49.2	1st	7-60	1st	7-93.1	4th
7-49.3	1st	7-61	2nd	7-94	1st
7-49.4	1st	7-62	1st	7-95	1st
7-49.5	1st	7-63	1st	7-96	1st
7-49.6	1st	7-64	1st	7-97	1st
7-49.7	1st	7-65	1st	7-98	1st
7-49.8	1st	7-66	1st	7-99	1st
7-49.9	1st	7-67	13th*	7-100	1st
7-49.10	1st	7-68	13th*	7-101	1st
7-49.11	1st	7-69	14th	7-102	4th
7-49.12	1st	7-70	4th	7-103	1st
7-49.13	1st	7-70.1	1st	7-104	4th
7-49.14	1st	7-71	4th	7-105	1st
7-49.15	1st	7-71.1	1st	7-106	1st
7-49.16	1st	7-72	4th	7-107	1st
7-49.17	1st	7-73	4th	7-108	2nd
7-49.18	1st	7-74	3rd	7-109	17th*
7-49.19	1st	7-75	2nd	7-110	18th*
7-49.20	1st	7-76	11th	7-111	14th
7-49.21	1st	7-77	11th	7-112	15th
7-49.22	1st	7-78	11th	7-113	5th
7-49.23	1st	7-79	11th	7-114	3rd*
7-49.24	1st	7-80	14th	7-115	1st
7-49.25	1st	7-81	15th	7-116	2nd
7-49.26	1st	7-82	14th	7-117	Original
7-49.27	1st	7-83	14th	7-118	3rd*
7-49.28	1st	7-84	14th	7-118.1	3rd*
7-49.29	1st	7-85	14th	7-119	17th*
		7-86	14th		

* New or Revised.

(This page filed under Transmittal No. 1392.)

VERIZON TELEPHONE COMPANIES

Vice President, Federal Regulatory

1300 I Street NW

Washington, DC 20005

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TARIFF FCC NO. 16

9th Revised Page 5.1

Cancels 8th Revised Page 5.1

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ACCESS SERVICE**Check Sheet (Cont'd)**

<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>
7-120	15th*	7-151	6th*		
7-121	14th	7-152	4th*		
7-122	11th	7-153	2nd		
7-123	11th	7-154	6th*		
7-124	11th	7-155	4th		
7-125	11th	7-156	1st		
7-126	11th	7-156.1	1st*		
7-127	11th	7-156.2	1st		
7-128	12th*	7-156.3	1st		
7-129	11th	7-157	1st		
7-130	12th*	7-158	1st		
7-131	12th	7-159	1st		
7-132	12th*	7-160	6th		
7-133	12th	7-161	1st		
7-134	12th*	7-162	1st		
7-135	11th	7-163	1st		
7-136	12th*	7-164	1st		
7-137	12th	7-165	1st		
7-138	2nd	7-166	4th		
7-139	14th	7-167	3rd		
7-140	9th	7-168	3rd		
7-141	11th	7-169	1st		
7-142	11th	7-170	3rd		
7-143	11th				
7-144	15th				
7-144.1	3rd				
7-144.2	4th				
7-145	2nd*				
7-146	6th				
7-147	13th				
7-148	16th*				
7-149	6th				
7-150	8th				

* New or Revised.

(This page filed under Transmittal No. 1392.)

VERIZON TELEPHONE COMPANIES

Vice President, Federal Regulatory

1300 I Street NW

Washington, DC 20005

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TARIFF FCC NO. 16

143rd Revised Page 6

Cancels 142nd Revised Page 6

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ACCESS SERVICE
Check Sheet (Cont'd)

<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>
8-1	2nd	8-41	2nd	9-30	2nd
8-2	8th	8-41.1	3rd	9-31	2nd
8-3	2nd	8-41.2	3rd	9-32	Original
8-4	12th	8-41.3	1st	9-33	Original
8-4.1	6th	8-41.4	1st	9-34	1st
8-4.2	2nd	8-42	Original	9-35	Original
8-5	Original	8-43	78th	9-36	Original
8-6	Original	8-43.1	60th	9-37	Original
8-7	Original	8-43.2	68th	9-38	Original
8-8	11th	8-43.3	68th	9-39	Original
8-9	3rd	8-43.4	64th	9-40	Original
8-10	1st	8-44	2nd	9-41	Original
8-11	2nd	8-45	4th	9-42	Original
8-12	1st	9-1	Original	9-43	Original
8-13	1st	9-2	1st	9-44	3rd
8-14	1st	9-3	2nd	9-45	2nd
8-15	2nd	9-4	1st	9-46	Original
8-15.1	1st	9-5	1st	9-47	1st
8-16	1st	9-6	1st*		
8-17	2nd	9-7	1st*		
8-18	1st	9-8	1st		
8-18.1	Original	9-9	2nd		
8-19	3rd	9-10	1st		
8-20	3rd	9-11	1st		
8-21	3rd	9-12	Original		
8-21.1	2nd	9-13	Original		
8-22	5th	9-14	2nd		
8-23	4th	9-15	1st		
8-24	5th	9-16	2nd		
8-25	4th	9-17	Original		
8-26	Original	9-18	Original		
8-27	3rd	9-19	Original		
8-28	12th	9-20	Original		
8-29	6th	9-21	Original		
8-30	5th	9-22	2nd		
8-31	Original	9-23	1st		
8-32	2nd	9-24	Original		
8-33	Original	9-25	3rd		
8-34	3rd	9-26	1st		
8-35	Original	9-27	Original		
8-36	Original	9-28	1st		
8-37	4th	9-29	1st		
8-38	1st				
8-39	Original				
8-40	4th				

* New or Revised

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ACCESS SERVICE**Check Sheet** (Cont'd)

<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>
20-332	Original	22-1	1st	22-36	Original
20-333	Original	22-2	3rd	22-37	Original
20-334	1st	22-3	5th	22-38	1st
20-335	1st	22-4	3rd	22-39	Original
20-336	1st	22-5	1st	22-40	Original
20-337	5th	22-6	1st	22-41	Original
20-337.1	Original	22-6.1	Original	22-42	Original
20-338	5th	22-7	2nd	22-43	1st
20-338.1	Original	22-8	2nd	22-44	2nd
20-339	5th	22-9	2nd	22-44.1	Original
20-339.1	Original	22-10	2nd	22-45	1st
20-340	5th	22-11	4th	22-46	1st
20-340.1	Original	22-12	2nd	22-47	1st
20-341	5th	22-13	2nd	22-48	Original
20-341.1	Original	22-14	2nd	22-49	1st
20-342	5th	22-15	2nd	22-50	2nd
20-342.1	Original	22-16	Original	22-51	1st
20-343	6th	22-17	1st	22-52	Original
20-343.1	Original	22-18	2nd	22-53	1st
20-344	6th	22-18.1	Original	22-54	1st
20-344.1	Original	22-19	3rd*	22-55	1st
20-345	5th	22-20	2nd*	22-56	1st
		22-21	1st	22-57	1st
21-1	5th	22-22	1st	22-58	Original
21-2	2nd	22-23	1st	22-59	2nd
21-3	3rd	22-24	1st	22-60	2nd
21-4	4th	22-25	Original	22-61	Original
21-5	5th	22-26	Original		
21-6	2nd	22-27	Original	23-1	1st
21-7	2nd	22-28	Original	23-2	1st
21-8	3rd	22-28.1	Original	23-3	1st
21-9	2nd	22-28.2	Original	23-4	1st
21-10	3rd	22-28.3	Original	23-5	Original
21-11	2nd	22-29	2nd	23-6	Original
21-12	3rd	22-30	3rd		
		22-31	1st		
		22-32	1st		
		22-33	1st		
		22-33.1	Original		
		22-34	1st		
		22-35	Original		

* New or Revised

(This page filed under Transmittal No. 1392.)

ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
8. <u>Miscellaneous Services</u> (cont'd)	
8.11 <u>Selective Class of Call Screening (SCOCS)</u>	8-36
8.12 <u>Miscellaneous Equipment</u>	8-38
8.13 <u>Integrated Services Digital Network (ISDN) Line Port</u>	8-39
8.14 <u>Service Provider Number Portability</u>	8-41
8.15 <u>Payphone-Specific Coding Digits</u>	8-42
8.16 <u>Federal Universal Service Fund Surcharge</u>	8-43
8.17 <u>Incidental InterLATA Call Management Signaling Service</u>	8-44
8.17.1 General	8-44
8.17.2 Service Availability	8-44
8.17.3 Responsibility of the Customer	8-44
8.17.4 Rate Regulations	8-45
8.17.5 Rates and Charges	8-45
8.18 <u>InterLATA CCS7</u>	8-46
9. <u>INTERFACE GROUPS, TRANSMISSION SPECIFICATIONS and CHANNEL CODES</u>	9-1
9.1 <u>Local Transport Interface Groups</u>	9-1
9.1.1 Interface Group 1 (USOC TPP1X)	9-2
9.1.2 Interface Group 2 (USOC TPP2X)	9-3
9.1.3 Reserved for Future Use	
9.1.4 Reserved for Future Use	
9.1.5 Reserved for Future Use	
9.1.6 Interface Group 6 (USOC TPP6X)	9-5
9.1.7 Reserved for Future Use	
9.1.8 Reserved for Future Use	9-6 (C)
9.1.9 Interface Group 9 (USOC TPP9X)	9-6
9.1.10 Reserved for Future Use	9-7 (C)
9.1.11 Available Premises Interface Codes	9-7
9.2 <u>Transmission Specifications for Switched Access Service</u>	9-11
9.2.1 Standard Transmission Specifications	9-11
9.2.2 Data Transmission Parameters	9-18

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 Service furnished by the Telephone Company where such connection or interconnection is made in accordance with the provisions specified in Technical Reference PUB AS No. 1, Issue II, and in Section 2.1 preceding.

2.5.2 Standard Access Service Connections

Access services are provided by means of wire, fiber optics, radio or any other suitable technology or a combination thereof. Special Access service connections are made directly, through a Telephone Company hub where bridging or multiplexing functions are performed. These connections can either be analog or digital. (D)

2.5.3 Expanded Interconnection Service (EIS) - Fiber Optic

Fiber Optic EIS provides a customer with space and associated requirements such as power and environmental conditioning within or near a Telephone Company wire center or Telephone Company access tandem to locate certain fiber optic facilities and equipment, and an interconnection with certain Telephone Company provided facilities.

EIS will be provided subject to the regulations and rates and charges set forth in Section 17.

2.5.4 Expanded Interconnection Service (EIS) - Microwave

Microwave EIS provides a customer with space and associated requirements such as power and environmental conditioning within a Telephone Company wire center or Telephone Company access tandem to locate certain microwave facilities and equipment, and a connection to certain Telephone Company provided facilities.

Customer-provided microwave facilities, equipment and support structures may be located in, on or above the exterior walls and roof of Telephone Company wire center or Telephone Company access tandem. Such interconnection must be made in accordance with the provisions specified in 2.1. These interconnections will be provided subject to the regulations and rates and charges set forth in Section 17.

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 Interruption (Cont'd)(B) Special Access Services (Cont'd)

- (5) 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 2.7.4(B) following. The SASG credit allowance will apply to Voice Grade, Digital Data Service (DDS), (D) and High Capacity DS1 & 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, credit allowances under this Section 2.7.1.1(B)(5) do not apply to services covered by the National SLA Plan.

If a Special Access Service 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, and if customer is eligible to receive the SASG credit allowance, customer shall receive the SASG credit in a later invoice. Except as stated in this tariff, 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 for a given billing period shall not exceed the total applicable monthly charge paid by the customer for such Special Access Service. 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 basis. For multi-point circuits, the SASG credit allowance will apply to each leg of the circuit that experiences a service interruption.

ACCESS SERVICE**5. Ordering Switched and Special Access Service (Cont'd)****5.1 Access Service Request Requirements (Cont'd)****5.1.7 Access Order Service Date Intervals (Cont'd)**

The Telephone Company shall publish and make available to all customers, upon reasonable request, a schedule of Service Date Intervals applicable for Switched and Special Access Services. The schedule shall specify the services and the quantities of services that can be provided in the Service Date Intervals. Service Date Interval schedules are provided during regular business days at Telephone Company offices at which the customer places an order for Access Service.

Access Services provided in a Service Date 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 8.2. following.

5.1.8 Selection of Facilities For Access Order

When there are analog or digital high capacity facilities to a Hub on order or in service for the customer's use, or a Switched Access Service that is part of a Shared Use Special Access facility, the customer may request a specific channel or transmission path be used to provide the Switched or Special Access Service requested in an Access Service Request. The Telephone Company will make a reasonable effort to accommodate the customer request. (D)

For all other Access Service Requests, 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.

5.1.9 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 either Switched or 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.

(D)

(D)

ACCESS SERVICE**5. Ordering Switched and Special Access Service (Cont'd)****5.3 Access Order Charges****5.3.1 Access Service Request Modifications**

The customer may request a modification of its Access Service Request 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 Service Request modification, the Telephone Company will schedule a new service date. All charges for Access Service Request modifications will apply on a per occurrence basis.

Any increase in the number of Special Access Service circuits, Switched Access Service Entrance Facility circuits, Direct-Trunked Transport circuits, lines, trunks or busy hour minutes of capacity, or STP Port Terminations and CCS7 Access Service facilities will be treated as a new Access Service Request (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) 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. When, for any reason, a customer or a customer's end user indicates that service cannot be accepted for (T) 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 a customer or 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:

- (a) the customer may take no action, and the original order will be canceled by the Telephone Company on the 31st day with the appropriate Cancellation Charge as set forth in 5.3.2(C) following applied; or
- (b) the customer may choose to commence billing for the service on the 31st day.

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ACCESS SERVICE**5. Ordering Switched and Special Access Service (Cont'd)****5.3 Access Order Charges (Cont'd)****5.3.1 Access Service Request Modifications (Cont'd)****(A) Service Date Change Charge (Cont'd)**

- (2) If the Telephone company determines it can accommodate the customer's request without delaying service dates for orders of other customers, a new service date may be established that is prior to the original standard or negotiated interval service date.

If the service date is changed to an earlier date, the customer will be notified by the Telephone Company that Expedited Order Charges as set forth in (D) following apply. Such charges will apply in addition to the Service Date Change Charge.

- (3) 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 after the Plant Test Date of the ASR. The applicable charge is:

	<u>USOC</u>	<u>CHARGE</u>	
Service Date Change Charge, per order	OMC		
Special Access			
Price Cap		\$28.00	
Price Bands 4, 5, and 6		150.00	(l)
All Other Services		28.00	

(B) (Reserved for Future Use)

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ACCESS SERVICE**5. Ordering Switched and Special Access Service (Cont'd)****5.3 Access Order Charges (Cont'd)****5.3.1 Access Service Request Modifications (Cont'd)****(C) Design Change Charge**

The customer may request a design change to the service ordered. A design change is any change to an Access Service Request which requires engineering review. An engineering review is a review by the Telephone Company of the service ordered and the requested changes to determine what changes in the design, if any, are necessary to meet the changes requested by the customer. Design changes include such things as the addition or deletion of optional features or functions or a change in the signaling arrangements associated with Switched Access Entrance Facility interface groups. Design changes do not include a change of Switched Access Entrance Facility type, end user premises, end office switch, Feature Group or BSA type or Special Access Service circuit type. Changes of this nature will require the issuance of a new order and the cancellation of the original order with appropriate cancellation charges applied. (T) (D)

The Telephone Company will review the requested change to determine if it can be accommodated and if a new service date is required. The Design Change Charge will apply on a per order per occurrence basis, for each order requiring a design change. The applicable charge is: (C) (D)

	<u>USOC</u>	<u>Rate</u>	
Design Change Charge, per order	H28		
Special Access			
Price Cap		\$ 28.00	
Price Bands 4, 5, and 6		150.00	(I)
All Other Services		28.00	

If a change of service date is required, the Service Date Change Charge as set forth in (A) preceding will also apply.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 Rate Categories, Applications, and Regulations6.5.1 Rate Categories

Switched Access Service is composed of four general Rate Categories which are combined to form the foundation for measuring and rating such services. Each Rate Category is composed of certain specific rate elements which may apply to each Switched Access Service. The specific rate elements which comprise each Rate Category are as follows.

Local Transport (Described in 6.5.2 following)

- Entrance Facility
- Direct-Trunked Transport
- Tandem-Switched Transport
- Interconnection Rate
- Multiplexing
- Dedicated Trunk Port
- Shared Multiplexing

(D)

End Office (Described in 6.5.3 following)

- Local Switching
- Information Surcharge
- Toll Free Data Base Query Service
- Shared Trunk Port

Carrier Common Line (Described in Section 3 preceding)

- Originating Element
- Terminating Element

Nonrecurring Charge (Described in 6.5.4 following).CCS7 Access Service (Described in 6.5.12 following)

- Dedicated Switched Access Line
- Dedicated Switched Access Transport
- STP Port Termination
- SS7 Transport

Switched Access Cross Connect (Described in 6.5.13 following)

Local Transport, End Office and Carrier Common Line Charges are usage based rates applied on a per access minute basis as set forth in 6.5.6 following. Access minute charges are accumulated over a monthly period. The determination of access minutes is set forth in 6.5.5 following. Toll Free Data Base Query charges are applied on a per query basis either as basic or premium as described in 6.5.3(C).

(D)
(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 Rate Categories, Applications, and Regulations (Cont'd)6.5.2 Local Transport(A) Local Transport Description

Local Transport provides the transmission of Switched Access communications between the customer's premises and the originating or terminating end office(s) in the Access Area with one exception. Local Transport associated with FGA or BSA-A 1+ terminating traffic provides for the transmission of Switched Access outside the Access Area, however within the LATA. Local Transport is comprised of the following rate elements; an Entrance Facility Rate, a Direct-Trunked Transport Rate, a Tandem-Switched Transport Rate, an Interconnection Rate, a Dedicated Trunk Port Rate, and a Shared Multiplexing Rate. A Dedicated Switched Access Transport Rate is associated with CCS7 Access Service. An EIS Cross Connect rate applies where Switched Access is interconnected with customer transmission facilities in accordance with Section 17. (D)

Where Local Transport rates are applied on a distance sensitive basis, airline mileage is calculated in accordance with the V&H coordinate method as set forth in NECA Tariff FCC No. 4. If the calculated miles result in a fraction, the value is rounded up to the next full mile.

Local Transport is a two-way voice frequency transmission path composed of facilities and equipment determined by the Telephone Company. This transmission path permits the transport of calls in the originating direction (from the end user end office to the customer's premises) and in the terminating direction (from the customer's premises to the end office), but not simultaneously. This transmission path may be comprised of any form or configuration of plant and equipment 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) whether the service is to be directly routed to an end office or through a Telephone Company access tandem, and (2) the directionality of the service.

(D)
(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Rate Categories, Applications, and Regulations (Cont'd)

6.5.2 Local Transport (Cont'd)

(b) The originating per minute charge(s) apply to:

- all originating access minutes of use;
- less those originating access minutes of use associated with FGA or BSA-A Access Services used to provide Foreign Exchange Service;
- less all originating access minutes of use associated with calls placed to 500, 700, Toll Free, and 900 numbers;
- plus all originating access minutes of use associated with calls placed to 500, 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, and for which a corresponding reduction in the number of terminating access minutes of use has been made as set forth in (a).

(F) Multiplexing

Multiplexing provides for arrangements to convert a single higher capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Monthly rates and nonrecurring charges for multiplexing apply as follows: 1) the DS3/DS1 Multiplexing Charge applies to all DS3 to DS1 multiplexing arrangements that are located in a Telephone Company wire center; 2) the DS1/Voice Multiplexing Charge applies to all DS1 Entrance Facility and Direct-Trunked Transport circuits that terminate in an analog office and where the multiplexer performs DS1/Voice multiplexing functions; and 3) a Multiplexing Charge will always apply on High Capacity shared use switched and special access facilities.

(D)

(G) Dedicated Switched Access

The Dedicated Switched Access Transport Rate is assessed upon customers subscribing to CCS7 Access Service for the use of facilities between the customer's common channel signaling network and the Telephone Company's signaling transfer point. It is a flat rated, distance-sensitive monthly rate. This rate element is further described in 6.2.7.

(T)

(T)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Rate Categories, Applications, and Regulations (Cont'd)

6.5.4 Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activities in conjunction with providing switched access service or a change to an existing Switched Access Arrangement.

(A) Switched Access Installation and Ordering Charges

(1) Service Installation Charge

For Entrance Facilities, this charge applies to customer requests for installation of Switched Access Entrance Facilities from the customer premises to the serving wire center. The Service Installation Charge applies on a per Entrance Facility basis and is dependent upon the type of Entrance Facility ordered (i.e., Voice Grade, DS1 or DS3). Changes in the type of Entrance Facility will be treated as a discontinuance of one type of service and a start of another. The Service Installation Charge shall apply to the new Entrance Facility installation. (Z) (D)

For multiplexing, this charge applies per multiplexing arrangement ordered and is dependent upon the type of multiplexing performed.

The Service Installation Charge does not apply to CCS7 Access service installations. Nonrecurring Charges applicable to CCS7 Access services are described in 6.5.4.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Switched Access Rates and Charges (Cont'd)

6.6.6 North Carolina (Cont'd)

(O) Interconnection Rate

Premium Rate

Telephone Company Provided
Transport Per Originating
Access Minute

\$.0000000

Telephone Company Provided
Transport Per Terminating
Access Minute

\$.0000000

Premium Rate

Per EIS Originating
Access Minute

\$.0000000

Per EIS Terminating
Access Minute

\$.0000000

(P) Multiplexing

DS1 to Voice

Service Installation
Charge

\$800.00

Monthly
Rate

\$200.00

DS3 to DS1

Service Installation
Charge

\$450.00

Monthly
Rate

\$481.73

(D)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Switched Access Rates and Charges (Cont'd)

6.6.7 Pennsylvania (Cont'd)

(O) Interconnection Rate

Premium Rate

Telephone Company Provided
Transport Per Originating
Access Minute

\$.0000000

Telephone Company Provided
Transport Per Terminating
Access Minute

\$.0000000

Premium Rate

Per EIS Originating
Access Minute

\$.0000000

Per EIS Terminating
Access Minute

\$.0000000

(P) Multiplexing

DS1 to Voice

Service Installation Monthly
Charge Rate

\$800.00

\$159.15

DS3 to DS1

Service Installation Monthly
Charge Rate

\$450.00

\$490.00

(D)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Switched Access Rates and Charges (Cont'd)

6.6.10 Virginia (Cont'd)

(O) Interconnection Rate

Premium Rate

Telephone Company Provided
Transport Per Originating
Access Minute

\$.0000000

Telephone Company Provided
Transport Per Terminating
Access Minute

\$.0000000

Premium Rate

Per EIS Originating
Access Minute

\$.0000000

Per EIS Terminating
Access Minute

\$.0000000

(P) Multiplexing

DS1 to Voice

Service Installation	Monthly
<u>Charge</u>	<u>Rate</u>

\$800.00

\$200.44

DS3 to DS1

Service Installation	Monthly
<u>Charge</u>	<u>Rate</u>

\$450.00

\$430.00

(D)

(D)

ACCESS SERVICE**7. Special Access Service****7.1 Provision of Special Access Service**

Special Access Service provides a dedicated transmission path to connect customer designated premises*, either directly or through a Telephone Company hub where bridging or multiplexing functions are performed, or to connect a customer's transmission equipment and facilities using a DS1 or DS3 Cross Connect arrangement where the customer is provided Expanded Interconnection Service (EIS) as defined in Section 17. Special Access Service may also be combined with Switched Access Services in the provision of a customer's interstate communications service (e.g., WATS, 800, 888 or WATS-type Services). Special Access Service includes all exchange access not utilizing Telephone Company central office switches. (D)

Certain Special Access Services listed in this section of the tariff may not be currently offered in all Telephone Company locations but may be provided upon customer request, on an individual case basis, if facilities can be made available with reasonable effort. The Telephone Company will work cooperatively with the Customer to provide the service on a timely basis.

7.1.1 Circuit Types

There are five types of circuits used to provide Special Access Services:

- Voice Grade (VG)
- Digital Data (DA)
- High Capacity (HC)
- LAN Extension Service (LES)

These circuits can be either analog or digital. Analog circuits are differentiated by frequency spectrum and bandwidth. Digital connections are differentiated by bit rate.

* Telephone Company Centrex CO-like switches are considered to be customer premises for purposes of this tariff.

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.1 Provision of Special Access Service (Cont'd)****7.1.1 Circuit Types (Cont'd)**

Each of the nine circuits has its own characteristics. All of the circuit types are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum

The circuit descriptions set forth in this section specify the characteristics of the basic circuit and indicates whether the circuit is provided between customer designated premises, or between a customer designated premises and a Telephone Company hub where bridging or multiplexing functions are performed or between a customer designated premises and a Telephone Company WATS Serving Office. (D)

Customers can order a basic circuit and select from a list of available technical specifications packages (customized or predefined), channel interfaces, and optional features to design a circuit which meets the Customer's specific communications needs. For purposes of ordering circuits, each has been identified as a type of Special Access circuit. However, such identification is not intended to limit a customer's use of the circuit, nor to imply that a circuit is limited to a particular use.

The optional features and functions available with each type of basic circuit are included in the individual service description sections following. The optional features and functions information also indicates with which technical specifications packages they are available.

When a customized circuit is ordered, the Telephone Company may determine that Additional Engineering is required to meet the customer's request for service. The customer will be notified whether Additional Engineering charges apply and will be given an estimate of the hours to be billed before any further action is taken on the order. Additional engineering charges are determined as set forth in 8. 1 following.

ACCESS SERVICE

7. Special Access Services (Cont'd)

7.1 Provision of Special Access Service (Cont'd)

7.1.2 Service Configurations

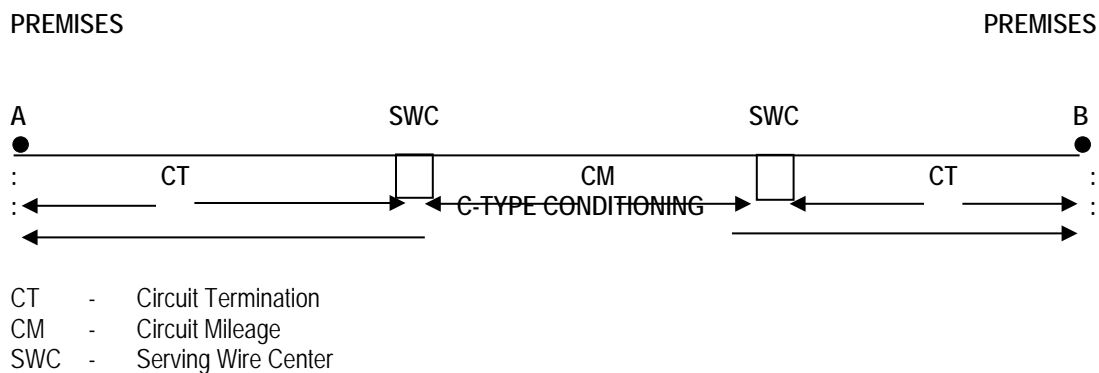
There are two types of service configurations over which Special Access Services are provided: two-point service and multipoint service.

(A) Two-Point Service

A two-point service connects two customer designated premises, either on a directly connected basis or through a hub where multiplexing functions are performed. A Voice Grade Special Access Circuit may be provided as a two-point service connecting an end user premise and a Telephone Company switch when Special Access is used in conjunction with Switched Access as set forth in 6.3.2(T) for Switched Access Interface Arrangements. (D)

All types of Special Access Service may be provided as two-point service.

The following diagram depicts an example of a two-point Voice Grade service connecting two customer designated premises located 15 miles apart. The service is provided with the optional feature of C-Type conditioning.



Applicable rate elements are:

- Circuit Termination (2 applicable)
- Circuit Mileage (fixed rate plus rate per airline mile between SWC)
- C-Type Conditioning Optional Feature

In addition, a Special Access Surcharge and charges for additional Optional Features and Functions may apply.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications, and Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(D) Nonrecurring Charge (Cont'd)

(2) Installation of Optional Features and Functions

Nonrecurring charges apply for the installation of some of the optional features and functions available with Special Access Service. The charge applies whether the feature or function is installed coincident with the initial installation of service or at any time subsequent to the installation of the service.

The optional features for which non-recurring charges apply are:

- Voice Grade Data Capability

(D)

(3) Service Rearrangements

Service rearrangements are changes to existing (installed) services which may be administrative only in nature, or that involve actual physical change to the service. Changes to pending orders are set forth in 5.3.1 preceding.

Changes in the type of service will be treated as a discontinuance of the service and an installation of a new service.

Changes in the physical location of the point of termination are treated as moves which are described and charged for as in 7.2.1(D)(4).

(D)

(D)

- (a) Administrative changes will be made without charge(s) to the customer.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Categories, Applications, and Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(D) Nonrecurring Charge (Cont'd)

(3) Service Rearrangements (Cont'd)

(b) All other service rearrangements will be charged for as follows:

- If the change involves the addition of another termination to an existing two-point or multipoint service, installation charges for each location added will apply.
- If the change involves the addition of an optional feature or multiplexing arrangement, the installation charge associated with the optional feature or multiplexing arrangement will apply. When the optional feature or arrangement has no associated nonrecurring charge (or rated at \$.00), one circuit termination nonrecurring charge for the type of service involved (i.e., voice grade circuit termination, DDS circuit termination, etc.) will be applied to the order.
- If the change involves only changing the type of network interface, with no change in facility, the installation charge associated with each service receiving a network interface change will apply.
- If the change involves changing a two-wire service to a four-wire service or vice versa, the installation charge for each location changed will apply.
- If the change involves rearranging an existing subtending service from one port to another in the same multiplexer; or
- If the change involves rearranging an existing subtending service from one multiplexer to another like multiplexer in the same wire center; or
- If the change involves rearranging an existing service into a high capacity service multiplexer in the same wire center; or
- If the change involves rearranging an existing service to a Special Access Cross Connect for Expanded Interconnection Service in the same wire center; or
- If the change involves rearranging a Special Access Cross Connect for Expanded Interconnection Service to a full point-to-point Special Access Service in the same wire center; or
- If the change involves rearranging an existing service from a facility of one service provider to a like facility of another service provider in the same wire center, even when a change in the customer of record is necessary, then a Rearrangement Charge will apply on a per termination basis.

(C)

(C)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Rate Categories, Applications, and Regulations (Cont'd)7.2.1 Rate Categories (Cont'd)(D) Nonrecurring Charge (Cont'd)(3) Service Rearrangements (Cont'd)
(b) (Cont'd)

- For 1.544 Mbps/DS1 High Capacity or 44.736 Mbps/DS3 High Capacity moves of a primary circuit termination from one Telephone Company Central Office to another Telephone Company Central Office, the customer may pay a Coordinated Retermination Charge in lieu of treating the move as a discontinuance and start of service. The Coordinated Retermination Charge applies per circuit or DS1/DS3 equivalent circuit reterminated. The Telephone Company will coordinate the work activities required in order to minimize the length of time the service being moved is unavailable. Monthly rates will apply as if the circuit remained in service with no disruption. There will be no change in minimum period requirements. No termination liabilities will apply except where the retermination eliminates chargeable services such as IOF mileage or primary premises Channel Terminations for which specific termination liabilities exist. (N)

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ACCESS SERVICE

- 7. Special Access Service (Cont'd)
- 7.2 Rate Categories, Applications, and Regulations (Cont'd)
- 7.2.1 Rate Categories (Cont'd)
- (D) Nonrecurring Charge (Cont'd)
- (4) Moves

A move involves a change in the physical location of the point of termination of Special Access. A move normally involves an interruption of Special Access for the period required to complete the move. No credit allowance will be granted for that period. Special construction may also be applicable at the different customer premises.

(D)
|
(D)

The charge for the move depends on whether the move is within the same customer premises or to a different customer premises.

- (A) Same CDL

When the move of a termination, as defined in Section 2.1.5, for special access is to a new point within the same customer premises (same address and/or same building), the charge for the move will be the installation charge for the portion of the service being reterminated. There will be no change in the minimum period requirements. For services subject to payment plan regulations, the same payment period will remain in force.

ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Rate Categories, Applications, and Regulations (Cont'd)7.2.1 Rate Categories (Cont'd)(E) Surcharge for Special Access Service (Cont'd)(2) Application (Cont'd)

In the case of multipoint special access facilities, one Special Access Surcharge will apply for each termination of a special access circuit at an end user's premises.

The Telephone Company will bill the customer who orders the special access facility the Special Access Surcharge per installation unless the facility is exempt from the surcharge as set forth in (3) following.

(D)
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(D)

(3) Exemption

The special access facility will be exempted from the monthly surcharge upon receipt of the customer's written certification for the following Special Access Service terminations:

- 1) an open-end termination in a Telephone Company switch of an FX line, including CCSA and CCSA-equivalent ONALs; or
- 2) an analog circuit termination that is used for radio or television program transmission; or
- 3) a termination used for TELEX service; or
- 4) a termination that by the nature of its operating characteristics could not make use of Telephone Company common lines such as terminations which are restricted through hardware or software; or
- 5) a termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line charges, such as where the special access facility accesses only FGA and no local exchange lines, or special access facility between customer points of termination, or special access facility connecting CCSA or CCSA-type equipment (inter-machine trunks); or a termination that the customer certifies to the Telephone Company is not connected to a PBX or other device capable of interconnecting the special access facility to a local exchange subscriber line.

Written certification for exemption must include the reason the service is exempted from the surcharge using the categories of exemption as stated above. An ASR may be used for exemption certification, provided all information as required by this section is included. The Telephone Company will bill the surcharge to all customers who have not provided valid exemption certification.

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.2 Rate Categories, Applications, and Regulations (Cont'd)****7.2.4 Facility Hubs and Multiplexing**

A customer has the option of ordering Voice Grade facilities or High Capacity facilities (i.e., DS1 or DS3) to a facility hub for multiplexing to individual services of a lower capacity or bandwidth (e.g., Voice, etc.). Additionally, the customer may specify optional features for the individual circuits derived from the facility to further tailor the circuit to meet specific communications requirements.

Some of the types of multiplexing available include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from digital to voice frequency circuits

A hub is a Telephone Company designated wire center at which multiplexing functions are performed.

Different locations may be designated as hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location. When placing an Access Service Request the customer will specify the desired hub. The National Exchange Carrier Association Tariff FCC No. 4 identifies serving wire centers, hub locations and the type of multiplexing functions available.

When a DS3 High Capacity Service is multiplexed at a customer designated premises, such configuration is not a Telephone Company Hub for purposes of administering the terms and conditions of this tariff.

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Rate Categories, Applications, and Regulations (Cont'd)7.2.5 Shared Use Analog and Digital High Capacity Services

Monthly charges for a DS1 or DS3 high capacity shared used facility will be apportioned between Switched and Special Access based on the relative proportion of channels used for Switched and Special Access in the following manner. (D)

If the facility is ordered as Special Access, rating as Special Access will continue until such time as a portion of the available capacity is used to provide Switched Access Service. As individual channels are activated for Switched Access, monthly charges will be apportioned between Switched and Special Access based on the number of channels used for Switched Access and the number of remaining channels on the Special Access facility according to the following formula: 1) the total shared use charge is equal to the Monthly Switched Access Charge times the number of channels used for Switched Access divided by 24 for DS1 or 672 for DS3 plus the monthly Special Access Charge times the number of channels remaining for Special Access divided by 24 for DS1 or 672 for DS3. (D)

If the facility is ordered as Switched Access, rating as Switched Access will continue until such time as a portion of the available capacity is used to provide Special Access service. As individual channels are activated for Special Access, monthly charges will be apportioned between Switched and Special Access based on the number of channels used for Special Access and the number of remaining channels on the Switched Access Facility according to the following formula: 1) the total shared use charge is equal to the Monthly Special Access Charge times the number of channels used for Special Access divided by 24 for DS1 or 672 for DS3 plus the monthly Switched Access Charge times the number of channels remaining for Switched Access divided by 24 for DS1 or 672 for DS3. (D)

The monthly switched and special access rate used will be the appropriate rate (Special Access Circuit Termination, Circuit Mileage-Fixed and Per Mile, and/or Multiplexer rates, and Switched Access Entrance Facility, Direct-Trunked Transport and/or Multiplexer rates) for the underlying shared use facility, e.g., if the underlying facility is a special access DS3 service, the corresponding Switched Access DS3 Transport will be used to determine the Switched Access monthly charges. (D)

In the case of a National Discount Plan, the discounts as set forth in Section 22.1.5 following must be applied to the Special Access DS3 Service or Special Access DS1 Service, as applicable, before the monthly charges are apportioned between Switched and Special Access based on the number of channels used for Special Access and the number of remaining channels on the Switched Access Facility according to the formula above.

(D)
(D)

VERIZON TELEPHONE COMPANIES

Vice President, Federal Regulatory

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Washington, DC 20005

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TARIFF FCC NO. 16

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.5 Voice Grade Service (Cont'd)****7.5.5 Rates and Charges****(A)**

Circuit Termination

- Per Point of Termination

- USOC - TME2X, 2-Wire

<u>Jurisdiction</u>	<u>2-Wire Monthly Rates</u>	<u>2-Wire Nonrecurring Charges</u>
N Carolina		
Price Band 4	\$23.00	\$200.00
Pennsylvania		
Price Cap	11.50	200.00
Price Band 4	11.50	200.00
Price Band 5	11.50	200.00
Price Band 6	11.50	200.00
Virginia		
Price Cap	21.70	200.00
Price Band 4	21.70	200.00
Price Band 5	21.70	200.00
Price Band 6	21.70	200.00
Service Rearrangement		
All States – Price Bands 4, 5, and 6		
- Per Point of Termination		
- USOC NRBOT	N/A	\$200.00

(N)

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(N)

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.5 Voice Grade Service (Cont'd)****7.5.5 Rates and Charges (Cont'd)****(A) Circuit Termination (Cont'd)**

- Per Point of Termination
- USOC - TME4X, 4-Wire

<u>Jurisdiction</u>	<u>4-Wire Monthly Rates</u>	<u>4-Wire Nonrecurring Charges</u>
N Carolina		
Price Band 4	\$30.75	\$200.00
Pennsylvania		
Price Cap	17.55	200.00
Price Band 4	17.55	200.00
Price Band 5	17.55	200.00
Price Band 6	17.55	200.00
Virginia		
Price Cap	31.50	200.00
Price Band 4	31.50	200.00
Price Band 5	31.50	200.00
Price Band 6	31.50	200.00
Service Rearrangement		
All States – Price Bands 4, 5, and 6		
- Per Point of Termination		
- USOC NRBOT	N/A	\$200.00

(N)

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(N)

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ACCESS SERVICE
7. Special Access Service (Cont'd)
7.10 Digital Data Service (Cont'd)
7.10.5 Rates and Charges

- (A) Circuit Termination
- Per Point of Termination
- USOC - TMECS

<u>Jurisdiction</u>	<u>2.4, 4.8 & 9.6 Kbps</u>		<u>19.2 Kbps</u>	
	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
N Carolina				
Price Band 4	\$71.73	\$250.00	\$71.73	\$250.00
Pennsylvania				
Price Cap	93.83	250.00	93.83	250.00
Price Band 4	93.83	250.00	93.83	250.00
Price Band 5	93.83	250.00	93.83	250.00
Price Band 6	93.83	250.00	93.83	250.00
Virginia				
Price Cap	93.83	250.00	93.83	250.00
Price Band 4	93.83	250.00	93.83	250.00
Price Band 5	93.83	250.00	93.83	250.00
Price Band 6	93.83	250.00	93.83	250.00
<u>Service Rearrangement</u>				
All States – Price Bands 4, 5, and 6				
- Per Point of Termination				
- USOC – NRBOT	N/A	\$200.00	N/A	\$200.00

(N)

|

|

(N)

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ACCESS SERVICE
7. Special Access Service (Cont'd)
7.10 Digital Data Service (Cont'd)
7.10.5 Rates and Charges (Cont'd)
(A) Circuit Termination (Cont'd)

- Per Point of Termination
- USOC - TMECS

<u>Jurisdiction</u>	<u>56.0 Kbps</u>		<u>64 Kbps</u>	
	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
N Carolina				
Price Band 4	\$106.11	\$250.00	\$106.11	\$250.00
Pennsylvania				
Price Cap	93.83	250.00	93.83	250.00
Price Band 4	93.83	250.00	93.83	250.00
Price Band 5	93.83	250.00	93.83	250.00
Price Band 6	93.83	250.00	93.83	250.00
Virginia				
Price Cap	113.87	250.00	113.87	250.00
Price Band 4	113.87	250.00	113.87	250.00
Price Band 5	113.87	250.00	113.87	250.00
Price Band 6	113.87	250.00	113.87	250.00
<u>Service Rearrangement</u>				
All States – Price Bands 4, 5, and 6				(N)
- Per Point of Termination				
- USOC – NRBOT	N/A	\$200.00	N/A	\$200.00 (N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity Service*

7.11.1 Basic Circuit Description

A High Capacity circuit is a circuit for the transmission of nominal 64.0 kbps, 1.544, or 44.736 Mbps isochronous serial data. The actual bit rate is a function of the channel interface selected by the customer. High Capacity circuits are provided between customer designated premises or between a customer designated premises and a Telephone Company hub. High Capacity DS1 and DS3 services may also be connected to customer transmission equipment and facilities where the customer is provided EIS as defined in Section 17. High Capacity circuits may also be connected to an in-service Telephone Company provided integrated optical service, provided that such connections are technically and operationally feasible, as determined by the Telephone Company. (D)

The customer may provide the Network Channel Terminating Equipment associated with the High Capacity circuit at the customer's premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1, Issue II.

7.11.2 Technical Specifications Packages

<u>Parameter</u>	<u>Package HC</u>		
	<u>0</u>	<u>1</u>	<u>3</u>
Error-Free Seconds		X	

(D)

A circuit with technical specifications package HC1 will be capable of an error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference GR-54-CORE, Issue 1.

Available only as a circuit of a 1.544 Mbps facility to a Telephone Company Digital Data hub or as a cross connect of two 2.4, 4.8, 9.6, 56.0 or 64.0 kbps circuits of two 1.544 Mbps facilities to a Digital Data hub(s). The customer must provide system and channel assignment data.

(D)
(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity Service (Cont'd)

7.11.4 Optional Features and Functions (Cont'd)

(3) Central Office Multiplexing (Cont'd)

(g) DSO to Subrate

An arrangement that converts a 64.0 kbps circuit to subspeeds of up to twenty 2.4 kbps, ten 4.8 kbps, or five 9.6 kbps circuits using digital time division multiplexing.

(4) Clear Channel Capability (CCC)

CCC provides a Bipolar with Eight Zero Substitution (B8ZS) encoding technique that allows a customer to transport 1.536 Mbps information rate signals over a 1.544 Mbps High Capacity Channel with no restraint on the quantity or sequence of one (mark) and zero (space) bits. This arrangement allows customers to derive 64 kbps clear channels. This service is provided only on 1.544 Mbps High Capacity Channels between two customer designated premises and is subject to availability of facilities. This arrangement requires the customer-provided multiplexing equipment to be compatible with the B8ZS line code as specified in Technical Reference GR- 54-CORE, Issue 1, and Technical Reference GR- 342-CORE, Issue 1.

(D)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity Service (Cont'd)

7.11.4 Optional Features and Functions (Cont'd)

(D)

(D)

(5) The following table shows the technical specifications packages with which the optional features and functions are available. (T)

Available with Technical
Specifications Package HC-

<u>0</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
----------	----------	----------	----------	----------

Central Office
Multiplexing:

DS3 to DS1				X
DS1 to Voice	X			
DS1 to DS0	X			
Clear Channel Capability	X			

(D)

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ACCESS SERVICE
7. Special Access Service (Cont'd)
7.11 High Capacity Service (Cont'd)
7.11.5 Rates and Charges
(A) Circuit Termination - High Capacity DS1

- Per Point of Termination
- USOC - TMECS

	Monthly Rate	1.544 Mbps Nonrecurring Charge
<u>Jurisdiction</u>		
N Carolina		
Price Band 4	\$246.87	\$450.00
Pennsylvania		
Price Cap	203.13	450.00
Price Band 4	203.13	450.00
Price Band 5	203.13	450.00
Price Band 6	203.13	450.00
Virginia		
Price Cap	226.26	450.00
Price Band 4	226.26	450.00
Price Band 5	226.26	450.00
Price Band 6	226.26	450.00
Service Rearrangement		
All States – Price Bands 4, 5, and 6		
- Per Point of Termination		
- USOC NRBOT	N/A	\$200.00
Coordinated Retermination		
All States – Price Bands 4, 5, and 6		
- Per Point of Termination		
- USOC NRFRE	N/A	\$380.00

(N)

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity Service (Cont'd)

7.11.5 Rates and Charges (Cont'd)

(B) Circuit Termination - High Capacity DS1 Term Payment Plan
- Per Point of Termination

<u>Jurisdiction</u>	<u>Nonrecurring Charge</u>	<u>One Year Monthly Rate</u>
USOC		1CF21, EUU21
N Carolina		
Price Band 4	\$450.00	\$186.04
Pennsylvania		
Price Cap	450.00	186.04
Price Band 4	450.00	186.04
Price Band 5	450.00	186.04
Price Band 6	450.00	186.04
Virginia		
Price Cap	450.00	186.04
Price Band 4	450.00	186.04
Price Band 5	450.00	186.04
Price Band 6	450.00	186.04
Service Rearrangement		
All States – Price Bands 4, 5, and 6		
- Per Point of Termination		
- USOC NRBOT	\$200.00	N/A
Coordinated Re termination		
All States – Price Bands 4, 5, and 6		
- Per Point of Termination		
- USOC NRFRE	\$380.00	N/A

(N)

(N)

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ACCESS SERVICE
7. Special Access Service (Cont'd)
7.11 High Capacity Service (Cont'd)
7.11.5 Rates and Charges (Cont'd)
(E) Circuit Termination - High Capacity DS3

- Per Point of Termination

(1) Individual DS3 - Noncapacity System

<u>Jurisdiction</u>	<u>Nonrecurring Charge</u>	<u>One Year Monthly Rate</u>
USOC		SLHA1

N Carolina

Price Band 4	\$1,000.00	\$4,000.00
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Pennsylvania

Price Cap	1,000.00	4,546.00
Price Band 4	1,000.00	4,546.00
Price Band 5	1,000.00	4,546.00
Price Band 6	1,000.00	4,546.00

Virginia

Price Cap	1,000.00	3,200.00
Price Band 4	1,000.00	3,200.00
Price Band 5	1,000.00	3,200.00
Price Band 6	1,000.00	3,200.00

Service Rearrangement

All States – Price Bands 4, 5, and 6

- Per Point of Termination

- USOC NRBOT	\$200.00	N/A
--------------	----------	-----

Coordinated Retermination

All States – Price Bands 4, 5, and 6

- Per Point of Termination

- USOC NRFRE	\$380.00	N/A
--------------	----------	-----

(N)

(N)

VERIZON TELEPHONE COMPANIES

Vice President, Federal Regulatory

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ACCESS SERVICE
7. Special Access Service (Cont'd)
7.11 High Capacity Service (Cont'd)
7.11.5 Rates and Charges (Cont'd)

(E) Circuit Termination - High Capacity DS3 (Cont'd)
- Per Point of Termination

(2) Three Capacity System
- First DS3

<u>Jurisdiction</u> USOC	<u>Nonrecurring Charge</u>	<u>One Year Monthly Rate</u> SLHB1
N Carolina		
Price Band 4	\$2,500.00	\$5,139.00
Pennsylvania		
Price Cap	2,500.00	5,187.00
Price Band 4	2,500.00	5,187.00
Price Band 5	2,500.00	5,187.00
Price Band 6	2,500.00	5,187.00
Virginia		
Price Cap	2,500.00	4,700.00
Price Band 4	2,500.00	4,700.00
Price Band 5	2,500.00	4,700.00
Price Band 6	2,500.00	4,700.00
Service Rearrangement		
All States – Price Bands 4, 5, and 6		
- Per Point of Termination		
- USOC NRBOT	\$200.00	N/A
Coordinated Retermination		
All States – Price Bands 4, 5, and 6		
- Per Point of Termination		
- USOC NRFRE	\$380.00	N/A

(N)

(N)

VERIZON TELEPHONE COMPANIES

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Washington, DC 20005

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ACCESS SERVICE
7. Special Access Service (Cont'd)
7.11 High Capacity Service (Cont'd)
7.11.5 Rates and Charges (Cont'd)

(E) Circuit Termination - High Capacity DS3 (Cont'd)
- Per Point of Termination

(3) Three Capacity System
- Each Additional DS3 - (Maximum of 2)

<u>Jurisdiction</u>	<u>Nonrecurring Charge</u>	<u>One Year Monthly Rate</u>
USOC		SLHC1
N Carolina		
Price Band 4	\$1,000.00	\$270.00
Pennsylvania		
Price Cap	1,000.00	290.00
Price Band 4	1,000.00	290.00
Price Band 5	1,000.00	290.00
Price Band 6	1,000.00	290.00
Virginia		
Price Cap	1,000.00	270.00
Price Band 4	1,000.00	270.00
Price Band 5	1,000.00	270.00
Price Band 6	1,000.00	270.00
Service Rearrangement		
All States – Price Bands 4, 5, and 6		
- Per Point of Termination		
- USOC NRBOT	\$200.00	N/A
Coordinated Retermination		
All States – Price Bands 4, 5, and 6		
- Per Point of Termination		
- USOC NRFRE	\$380.00	N/A

(N)

(N)

VERIZON TELEPHONE COMPANIES

Vice President, Federal Regulatory

1300 I Street NW

Washington, DC 20005

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity Service (Cont'd)

7.11.5 Rates and Charges (Cont'd)

(E) Circuit Termination - High Capacity DS3 (Cont'd)
- Per Point of Termination

(4) Twelve Capacity System
- First DS3

<u>Jurisdiction</u>	<u>Nonrecurring Charge</u>	<u>One Year Monthly Rate</u>	
USOC		SLHD1	
N Carolina			
Price Band 4	\$4,500.00	\$8,099.00	
Pennsylvania			
Price Cap	4,500.00	7,720.00	
Price Band 4	4,500.00	7,720.00	
Price Band 5	4,500.00	7,720.00	
Price Band 6	4,500.00	7,720.00	
Virginia			
Price Cap	4,500.00	8,099.00	
Price Band 4	4,500.00	8,099.00	
Price Band 5	4,500.00	8,099.00	
Price Band 6	4,500.00	8,099.00	
Service Rearrangement			(N)
All States – Price Bands 4, 5, and 6			
- Per Point of Termination			
- USOC NRBOT	\$200.00	N/A	
Coordinated Retermination			
All States – Price Bands 4, 5, and 6			
- Per Point of Termination			
- USOC NRFRE	\$380.00	N/A	(N)

VERIZON TELEPHONE COMPANIES

Vice President, Federal Regulatory

1300 I Street NW

Washington, DC 20005

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TARIFF FCC NO. 16

12th Revised Page 7-136

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity Service (Cont'd)

7.11.5 Rates and Charges (Cont'd)

(E) Circuit Termination - High Capacity DS3 (Cont'd)
- Per Point of Termination

(5) Twelve Capacity System
- Each Additional DS3 (Maximum of 11)

<u>Jurisdiction</u>	<u>Nonrecurring Charge</u>	<u>One Year Monthly Rate</u> SLHE1
USOC		
N Carolina		
Price Band 4	\$1,000.00	\$281.00
Pennsylvania		
Price Cap	1,000.00	298.00
Price Band 4	1,000.00	298.00
Price Band 5	1,000.00	298.00
Price Band 6	1,000.00	298.00
Virginia		
Price Cap	1,000.00	281.00
Price Band 4	1,000.00	281.00
Price Band 5	1,000.00	281.00
Price Band 6	1,000.00	281.00
Service Rearrangement		
All States – Price Bands 4, 5, and 6		
- Per Point of Termination		
- USOC NRBOT	\$200.00	N/A
Coordinated Retermination		
All States – Price Bands 4, 5, and 6		
- Per Point of Termination		
- USOC NRFRE	\$380.00	N/A

(N)

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity (Cont'd)

7.11.5 Rates and Charges (Cont'd)

(K) Circuit Mileage - For frequency bandwidths other than 1.544 Mbps (DS1) and 44.736 Mbps (DS3):

Fixed and Per Mile Monthly Rates for the Circuit Mileage rate element of High Capacity Service for all jurisdictions of the Issuing Carriers listed on Title Page 2 and Title Page 3 will be determined on an Individual Case Basis and filed in Section 7.12 following.

Available frequency bandwidths and USOC formats are as follows.

Frequency
Bandwidths

USOC

64 Kbps

1L5XX (Fixed), 1L5XX (Per Mile)

(D)

|
(D)

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ACCESS SERVICE**7. Special Access Service (Cont'd)****7.11 High Capacity Service (Cont'd)****7.11.5 Rates and Charges (Cont'd)****(L) Optional Features and Functions (Cont'd)****(1) Multiplexing (Cont'd)**

DS3 to DS1 Multiplexing

- Per arrangement

- USOC - MQ3

<u>Jurisdiction</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
N Carolina		
Price Band 4	445.06	450.00
Pennsylvania		
Price Band 4	527.04	450.00
Price Band 5	527.04	450.00
Price Band 6	527.04	450.00
Virginia		
Price Band 4	456.77	450.00
Price Band 5	456.77	450.00
Price Band 6	456.77	450.00

(D)

(D)

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TARIFF FCC NO. 16

6th Revised Page 7-151

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.12 Individual Case Filing

Rates and charges for Special Access Service provided on an individual case basis are filed following:

(D)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.12 Individual Case Filing (Cont'd)

Rates and charges for Special Access Service provided on an individual case basis are filed following:

(D)

(D)

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TARIFF FCC NO. 16

6th Revised Page 7-154

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.12 Individual Case Filing (Cont'd)

Rates and charges for Special Access Service provided on an individual case basis are filed following:

(D)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.12 Individual Case Filing (Cont'd)

Rates and charges for Special Access Service provided on an individual case basis are filed following:

(D)

(D)

ACCESS SERVICE

9. Interface Groups, Transmission Specifications and Channel Codes (Cont'd)

9.1. Local Transport Interface Groups (Cont'd)

9.1.8 (Reserved for Future Use)

(C)

(D)

(D)

9.1.9 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 with 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 bit stream supervisory signaling for each individual transmission channel.

ACCESS SERVICE

9. Interface Groups, Transmission Specifications and Channel Codes (Cont'd)

9.1 Local Transport Interface Groups (Cont'd)

9.1.10 (Reserved for Future Use) (C)

(D)

(D)

9.1.11 Available Premises Interface Codes

Following is a matrix showing which premises interface codes are available for each Interface Group 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 9.3.1 following.

ACCESS SERVICE

22. Discount Plans (Cont'd)22.1 National Discount Plan (Cont'd)22.1.5 Application of Discount(A) Discounted Rate Elements

The discounts provided under the NDP shall only be provided for the ACNA(s) included in the NDP Customer's NDP on the following Discounted Rate Elements:

- (1) The following Discounted Rate Elements from FCC1 are included in NDP.
 - (a) Special Access DS1 Service Channel Terminations, Basic Service, Section 7.5.9(A) of FCC1, as determined in accordance with Section 14.7 of FCC1.
 - (b) Special Access DS1 Service Channel Mileage, Basic Service, Section 7.5.9(B) of FCC1, as determined in accordance with Section 14.7 of FCC1.
 - (c) Special Access DS1 Service DS1 to Voice Multiplexing, Basic Service, Section 7.5.9(C) of FCC1, as determined in accordance with Section 14.7 of FCC1.
 - (d) Special Access DS1 Service DS1 to Digital Multiplexing, Basic Service, Section 7.5.9(C) of FCC1, as determined in accordance with Section 14.7 of FCC1.
 - (e) Special Access DS1 Service DS1 to DS0 Multiplexing, Basic Service, Section 7.5.9(C) of FCC1, as determined in accordance with Section 14.7 of FCC1.
 - (f) Special Access DS3 Service primary and secondary Channel Terminations with optical and electrical interfaces, Base Rates, Section 7.5.9(A) of FCC1, as determined in accordance with Section 14.7 of FCC1.
 - (g) Special Access DS3 Service Channel Mileage, Banded Base Rates, as applicable, Section 7.5.9(B)(1)(e)(ii) of FCC1.
 - (h) Special Access DS3 Service Channel Mileage, Base Rates, as applicable, Section 7.5.9(B)(1)(e)(i) of FCC1, as determined in accordance with Section 14.7 of FCC1.
 - (i) Special Access DS3 Service DS3 to DS1 Multiplexing, Base Rates, Section 7.5.9(C) of FCC1, as determined in accordance with Section 14.7 of FCC1.

(D)
(D)

ACCESS SERVICE

22. Discount Plans (Cont'd)

22.1 National Discount Plan (Cont'd)

22.1.5 Application of Discount (Cont'd)

(A) Discounted Rate Elements (Cont'd)

(2) The following Discounted Rate Elements from FCC11 are included in NDP.

- (a) Special Access DS1 Service Channel Terminations, Section 30.7.9(A)(1)(a) and Section 31.7.9(A)(1)(a) of FCC11, as determined in accordance with Section 15.3 of FCC11.
- (b) Special Access DS1 Service Channel Mileage, Section 30.7.9(B)(2) and Section 31.7.9(B)(2) of FCC11, as determined in accordance with Section 15.3 of FCC11.
- (c) Special Access DS1 Service DS1 to Voice Multiplexing in New York/Connecticut, Section 30.7.9(C)(1) and Section 31.7.9(C)(1) of FCC11, as determined in accordance with Section 15.3 of FCC11.
- (d) Special Access DS1 Service DS1 to DS0 Multiplexing in New York/Connecticut, Section 30.7.9(C)(1) and Section 31.7.9(C)(1) of FCC11, as determined in accordance with Section 15.3 of FCC11.
- (e) Special Access DS3 Service primary and secondary Channel Terminations with optical and electrical interfaces, Base Rates, Section 30.7.9(A)(1)(c) and Section 31.7.9(A)(1)(c) of FCC11, as determined in accordance with Section 15.3 of FCC11.
- (f) Special Access DS3 Service optical and electrical Channel Mileage, Banded Base Rates, as applicable, Section 31.7.9(B)(4) of FCC11.
- (g) Special Access DS3 Service optical and electrical Channel Mileage, Base Rates, as applicable, Section 30.7.9(B)(4) and Section 31.7.9(B)(4) of FCC11, as determined in accordance with Section 15.3 of FCC11.
- (h) Special Access DS3 Service DS3 to DS1 Multiplexing, Base Rates, Section 30.7.9(C)(1) and Section 31.7.9(C)(1) of FCC11, as determined in accordance with Section 15.3 of FCC11.

(D)

(D)