

ACCESS SERVICE

CHECK SHEET

Title Page, Supplement No. 1 and Original Pages 0-1 to 24-530 inclusive of this Tariff are effective as of May 1, 2013.

PAGE	NUMBER OF REVISION EXCEPT AS INDICATED	PAGE	NUMBER OF REVISION EXCEPT AS INDICATED	PAGE	NUMBER OF REVISION EXCEPT AS INDICATED
Title	1st	0-2	1st	0-31	1st
0-1	66th *	0-3	2nd	0-32	2nd
0-1.1	14th *	0-4	2nd	0-33	2nd
0-1.2	22nd *	0-5	2nd	0-34	2nd
0-1.3	8th *	0-6	1st	0-35	2nd
0-1.4	5th *	0-7	2nd	0-36	1st
0-1.5	7th *	0-8	3rd	0-37	1st
0-1.6	8th	0-9	2nd	0-38	3rd
0-1.7	10th *	0-10	1st	0-39	3rd
0-1.8	8th *	0-11	2nd	0-40	1st
0-1.9	11th *	0-12	3rd *	0-41	1st
0-1.10	7th *	0-13	2nd	0-42	3rd
0-1.11	5th *	0-14	2nd	0-43	1st
0-1.12	8th *	0-15	2nd	0-44	1st
0-1.13	5th *	0-16	4th *	0-45	1st
0-1.14	6th *	0-17	3rd *	0-46	1st
0-1.15	5th	0-18	3rd	0-47	1st
0-1.16	8th *	0-19	1st	0-48	1st
0-1.17	31st *	0-20	1st	0-49	1st
0-1.18	3rd	0-21	2nd	0-50	1st
0-1.19	3rd	0-22	2nd	0-51	2nd
0-1.20	3rd	0-23	1st	0-52	1st
0-1.21	9th	0-24	2nd	0-53	1st
0-1.22	4th	0-25	1st	0-54	1st
0-1.23	2nd	0-26	2nd	0-55	2nd
0-1.24	2nd	0-27	1st	1-1	4th
0-1.25	2nd	0-28	2nd		
0-1.26	2nd	0-29	2nd		
0-1.27	25th	0-30	2nd		

* New or Revised Page.

ISSUED DATE:
January 17, 2020

Issued Under Transmittal No. 110
Vice President-Public Policy & Compliance
100 CenturyLink Drive
Monroe, Louisiana 71203

EFFECTIVE DATE:
February 1, 2020

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2-0	2nd	2-33	1st	2-67	1st
2-0.1	2nd	2-34	2nd	2-68	1st
2-1	2nd	2-35	1st	2-69	2nd
2-2	2nd	2-36	1st	2-70	2nd
2-3	1st	2-37	1st	2-71	3rd
2-4	1st	2-38	2nd	2-72	2nd
2-5	1st	2-39	1st	2-73	2nd
2-6	1st	2-40	1st	2-73.1	Original
2-7	1st	2-41	1st	2-73.2	1st
2-8	1st	2-42	2nd	2-73.3	1st
2-9	2nd	2-43	2nd	2-73.4	1st
2-10	2nd	2-44	1st	2-74	3rd
2-11	1st	2-45	2nd	2-75	1st
2-12	1st	2-46	1st	2-76	1st
2-13	1st	2-47	1st	2-77	2nd
2-14	1st	2-48	2nd	2-78	2nd
2-15	1st	2-49	1st	2-79	2nd
2-16	1st	2-50	1st	2-80	1st
2-17	1st	2-51	1st	2-81	1st
2-18	1st	2-52	1st	2-82	2nd
2-19	2nd	2-53	1st	2-83	3rd
2-20	2nd	2-54	1st	2-84	3rd
2-21	2nd	2-55	2nd	2-85	2nd
2-22	2nd	2-56	2nd	2-86	1st
2-23	2nd	2-57	3rd	2-87	1st
2-24	2nd	2-58	3rd	2-88	1st
2-25	2nd	2-59	2nd	2-89	2nd
2-26	1st	2-60	2nd	2-90	2nd *
2-27	2nd	2-61	4th	2-91	1st
2-28	1st	2-62	3rd	2-92	1st
2-29	3rd	2-63	1st	2-93	1st
2-30	3rd	2-64	1st	2-94	1st
2-31	1st	2-65	1st	2-95	1st
2-32	1st	2-66	1st	2-96	2nd

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2-97	2nd *	3-10	1st	4-21	10th
2-98	1st	3-11	2nd	4-22	9th
2-99	2nd	3-12	2nd	4-23	9th
2-100	2nd	3-13	2nd	4-24	9th
2-101	2nd *	3-14	2nd	4-25	9th
2-102	1st	3-15	2nd	5-0	3rd *
2-103	2nd	3-16	2nd	5-1	2nd
2-104	1st	3-17	3rd	5-2	2nd
2-105	3rd	3-18	3rd	5-3	2nd
2-106	3rd	3-19	2nd	5-4	1st
2-107	2nd	3-20	2nd	5-5	1st
2-108	3rd	3-21	2nd	5-6	1st
2-109	2nd	3-22	2nd	5-7	1st
2-110	1st	3-23	2nd	5-8	1st
2-111	1st	3-24	2nd	5-9	2nd
2-112	1st	4-0	2nd	5-10	1st
2-113	1st	4-1	3rd	5-11	3rd *
2-114	1st	4-2	2nd	5-12	3rd *
2-115	1st	4-3	1st	5-13	1st
2-116	1st	4-4	2nd	5-14	2nd
2-117	1st	4-5	1st	5-15	2nd
2-118	1st	4-6	3rd	5-16	2nd
2-119	1st	4-7	3rd	5-17	3rd *
2-120	2nd	4-8	2nd	5-18	2nd
2-121	2nd	4-9	2nd	5-19	3rd *
3-0	2nd	4-10	3rd	5-20	2nd
3-0.1	1st	4-11	13th	5-21	1st
3-1	2nd	4-12	13th	5-22	4th
3-2	2nd	4-13	13th	5-23	2nd
3-3	1st	4-14	12th	5-23.1	Original
3-4	1st	4-15	13th	5-24	1st
3-5	1st	4-16	3rd	5-25	2nd
3-6	1st	4-17	10th	5-26	2nd
3-7	1st	4-18	10th	5-27	3rd *
3-8	3rd	4-19	10th	5-28	2nd
3-9	2nd	4-20	10th	5-29	1st
				5-30	4th

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5-31	2nd	6-26	1st	6-61	3rd
5-32	2nd	6-27	1st	6-62	2nd
5-33	3rd *	6-28	1st	6-63	1st
5-34	3rd *	6-29	1st	6-64	1st
5-35	1st	6-30	1st	6-65	1st
6-0	2nd	6-31	2nd	6-66	2nd
6-0.1	1st	6-32	1st	6-67	1st
6-0.2	2nd	6-33	1st	6-68	1st
6-0.3	1st	6-34	1st	6-69	2nd
6-0.4	1st	6-35	1st	6-70	2nd
6-1	1st	6-36	2nd	6-71	1st
6-2	1st	6-37	1st	6-72	1st
6-3	1st	6-38	1st	6-73	1st
6-4	1st	6-39	2nd	6-74	1st
6-5	1st	6-40	1st	6-75	1st
6-6	1st	6-41	1st	6-76	1st
6-7	1st	6-42	2nd	6-77	1st
6-8	1st	6-43	1st	6-78	1st
6-9	1st	6-44	1st	6-79	1st
6-10	1st	6-45	1st	6-80	1st
6-11	1st	6-46	1st	6-81	1st
6-12	1st	6-47	1st	6-82	1st
6-13	1st	6-48	1st	6-83	1st
6-14	1st	6-49	1st	6-84	1st
6-15	1st	6-50	1st	6-85	1st
6-16	1st	6-51	1st	6-86	1st
6-17	1st	6-52	1st	6-87	1st
6-18	1st	6-53	1st	6-88	1st
6-19	1st	6-54	1st	6-89	1st
6-20	1st	6-55	1st	6-90	1st
6-21	2nd	6-56	1st	6-91	2nd
6-22	1st	6-57	1st	6-92	1st
6-23	1st	6-58	1st	6-93	1st
6-24	1st	6-59	1st	6-94	1st
6-25	2nd	6-60	1st	6-95	2nd

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6-97	1st	6-132	1st	6-167	1st
6-98	2nd	6-133	1st	6-168	1st
6-99	2nd	6-134	1st	6-169	1st
6-100	1st	6-135	1st	6-170	1st
6-101	1st	6-136	1st	6-171	1st
6-102	1st	6-137	1st	6-172	1st
6-103	1st	6-138	1st	6-173	1st
6-104	1st	6-139	1st	6-174	1st
6-105	1st	6-140	1st	6-175	1st
6-106	1st	6-141	1st	6-176	1st
6-107	2nd	6-142	2nd *	6-177	1st
6-108	1st	6-143	2nd *	6-178	1st
6-109	1st	6-144	3rd *	6-179	1st
6-110	1st	6-145	2nd *	6-180	1st
6-111	2nd	6-146	2nd *	6-181	1st
6-112	1st	6-147	2nd *	6-182	1st
6-113	1st	6-148	2nd *	6-183	1st
6-114	1st	6-149	2nd *	6-184	1st
6-115	1st	6-150	2nd *	6-185	1st
6-116	2nd	6-151	1st	6-186	1st
6-117	2nd	6-152	1st	6-187	1st
6-118	1st	6-153	1st	6-188	1st
6-119	1st	6-154	1st	6-189	1st
6-120	1st	6-155	1st	6-190	1st
6-121	1st	6-156	1st	6-191	1st
6-122	1st	6-157	1st	6-192	1st
6-123	1st	6-158	1st	6-193	1st
6-124	1st	6-159	1st	6-194	1st
6-125	1st	6-160	1st	6-195	1st
6-126	1st	6-161	1st	6-196	1st
6-127	1st	6-162	1st	6-197	1st
6-128	1st	6-163	1st	6-198	1st
6-129	1st	6-164	1st	6-199	1st
6-130	1st	6-165	1st	6-200	1st

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6-201	1st	6-236	1st	6-271	2nd
6-202	2nd	6-237	1st	6-272	1st
6-203	1st	6-238	1st	6-273	2nd
6-204	1st	6-239	1st	6-274	2nd
6-205	1st	6-240	1st	6-275	3rd
6-206	1st	6-241	1st	6-276	1st
6-207	1st	6-242	1st	6-277	2nd
6-208	1st	6-243	1st	6-278	1st
6-209	1st	6-244	1st	6-279	2nd
6-210	1st	6-245	1st	6-280	1st
6-211	1st	6-246	1st	6-281	2nd
6-212	2nd	6-247	1st	6-282	1st
6-213	2nd	6-248	2nd	6-283	2nd
6-214	2nd	6-249	1st	6-284	1st
6-215	2nd	6-250	2nd	6-285	2nd
6-216	1st	6-251	1st	6-286	2nd
6-217	1st	6-252	1st	6-287	1st
6-218	1st	6-253	1st	6-288	2nd
6-219	1st	6-254	1st	6-289	1st
6-220	1st	6-255	1st	6-290	2nd
6-221	1st	6-256	1st	6-291	1st
6-222	1st	6-257	2nd	6-292	2nd
6-223	2nd	6-258	2nd *	6-293	1st
6-224	1st	6-259	1st	6-294	2nd
6-225	2nd	6-260	1st	6-295	1st
6-226	1st	6-261	2nd	6-296	2nd
6-227	1st	6-262	3rd *	6-297	1st
6-228	1st	6-263	1st	6-298	2nd
6-229	1st	6-264	1st	6-299	1st
6-230	1st	6-265	2nd	6-300	2nd
6-231	1st	6-266	2nd	6-301	1st
6-232	1st	6-267	3rd	6-302	2nd
6-233	1st	6-268	2nd	6-303	2nd
6-234	1st	6-269	2nd	6-304	3rd
6-235	1st	6-270	2nd	6-305	3rd

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6-410	3rd	7-1.1	Original	7-28	2nd
6-411	2nd	7-1.2	Original	7-29	2nd
6-412	3rd	7-1.3	Original	7-30	2nd
6-413	3rd	7-1.4	Original	7-31	2nd
6-414	2nd	7-1.5	Original	7-32	2nd
6-415	2nd	7-1.6	Original	7-33	2nd
6-416	7th	7-1.7	Original	7-34	2nd
6-417	3rd	7-1.8	Original	7-35	2nd
6-418	3rd	7-1.9	Original	7-36	2nd
6-419	3rd	7-2	3rd *	7-37	2nd
6-420	3rd	7-3	1st	7-38	2nd
6-421	2nd	7-4	2nd	7-39	2nd
6-422	3rd	7-5	2nd	7-40	2nd
6-422.1	1st	7-6	3rd *	7-41	2nd
6-423	2nd	7-7	1st	7-42	2nd
6-424	3rd	7-8	1st	7-43	2nd
6-425	3rd	7-9	2nd	7-44	2nd
6-425.1	1st	7-10	2nd	7-45	3rd *
6-426	3rd	7-11	2nd	7-46	2nd
6-427	3rd	7-12	2nd	7-47	3rd
6-428	2nd	7-13	2nd	7-48	2nd
6-429	2nd	7-14	2nd	7-49	3rd
6-430	3rd	7-15	2nd	7-50	3rd
6-431	2nd	7-16	2nd	7-51	2nd
6-432	2nd	7-17	2nd	7-52	3rd
6-433	1st	7-18	2nd	7-53	3rd
6-434	1st	7-19	2nd	7-54	2nd
6-435	2nd	7-20	2nd	7-55	2nd
6-436	4th	7-21	2nd	7-56	2nd
6-437	1st	7-22	2nd	7-57	3rd
7-0	3rd *	7-23	2nd	7-58	2nd
7-0.1	4th *	7-24	2nd	7-59	2nd
7-0.2	2nd	7-25	2nd	7-60	2nd
7-0.3	2nd	7-26	2nd	7-61	2nd
7-1	2nd	7-27	2nd	7-62	2nd

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7-64	2nd	7-99	3rd *	7-134	2nd *
7-65	2nd	7-100	2nd	7-135	2nd *
7-66	3rd	7-101	5th *	7-136	2nd *
7-67	3rd	7-102	1st	7-137	2nd *
7-68	3rd *	7-103	1st	7-138	4th *
7-69	1st	7-104	1st	7-139	3rd
7-70	2nd *	7-105	2nd	7-140	4th *
7-71	2nd	7-106	3rd *	7-141	4th *
7-72	2nd	7-107	3rd *	7-142	4th *
7-73	3rd *	7-108	3rd *	7-143	4th *
7-74	2nd	7-109	3rd *	7-144	4th *
7-75	2nd	7-110	4th *	7-145	4th *
7-76	2nd	7-111	4th *	7-146	4th *
7-77	2nd	7-112	3rd *	7-147	4th *
7-78	3rd	7-113	4th *	7-148	4th *
7-79	2nd	7-114	3rd *	7-149	3rd
7-80	2nd	7-115	2nd *	7-150	3rd *
7-81	2nd	7-116	2nd *	7-151	3rd *
7-82	2nd	7-117	2nd *	7-152	2nd *
7-83	2nd	7-118	3rd *	7-153	4th *
7-84	2nd	7-119	3rd *	7-154	3rd
7-85	2nd	7-120	2nd *	7-155	3rd
7-86	2nd	7-121	2nd *	7-156	3rd
7-87	2nd	7-122	2nd *	7-157	3rd
7-88	2nd	7-123	3rd *	7-158	4th *
7-89	2nd	7-124	3rd *	7-159	3rd *
7-90	2nd	7-125	3rd *	7-160	2nd *
7-91	2nd	7-126	3rd *	7-161	3rd *
7-92	2nd	7-127	3rd *	7-162	3rd *
7-93	3rd *	7-128	3rd *	7-163	3rd *
7-94	2nd	7-129	3rd *	7-164	3rd *
7-95	2nd	7-130	3rd *	7-165	3rd *
7-96	2nd	7-131	3rd *	7-166	3rd *
7-97	2nd	7-132	3rd *	7-167	4th *

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January 17, 2020

FCC2020-001

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7-169	3rd	7-203	3rd	7-237	3rd
7-170	4th *	7-204	3rd	7-238	3rd
7-171	4th *	7-205	4th *	7-239	3rd
7-172	4th *	7-206	2nd	7-240	3rd
7-173	4th *	7-207	2nd	7-241	2nd
7-174	4th *	7-208	2nd	7-242	1st
7-175	4th *	7-209	2nd	7-243	1st
7-176	2nd	7-210	2nd	7-244	2nd
7-177	3rd *	7-211	2nd	7-245	3rd
7-178	3rd *	7-212	2nd	7-246	2nd
7-179	3rd *	7-213	2nd	7-247	2nd
7-180	3rd *	7-214	3rd	7-248	3rd
7-181	2nd	7-215	2nd	7-249	3rd
7-182	3rd *	7-216	2nd	7-250	3rd
7-183	3rd *	7-217	3rd	7-251	3rd
7-184	3rd *	7-218	6th	7-252	3rd
7-185	2nd *	7-219	5th	7-253	2nd
7-186	4th *	7-220	3rd	7-254	2nd
7-187	3rd	7-221	3rd	7-255	2nd
7-188	3rd	7-222	3rd	7-256	2nd
7-189	4th *	7-223	3rd	7-257	2nd
7-190	4th *	7-224	3rd	7-258	2nd
7-191	4th *	7-225	3rd	7-259	2nd
7-192	4th *	7-226	3rd	7-260	2nd
7-193	4th *	7-227	3rd	7-261	2nd
7-194	4th *	7-228	3rd	7-262	2nd
7-195	4th *	7-229	3rd	7-263	2nd
7-196	4th *	7-230	3rd	7-264	2nd
7-197	4th *	7-231	3rd	7-265	3rd
7-198	3rd	7-232	2nd	7-266	2nd
7-199	3rd	7-233	3rd	7-267	2nd
7-200	4th *	7-234	2nd	7-268	4th
7-201	4th *	7-235	3rd	7-269	3rd

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7-271	3rd	7-305	2nd	7-339	2nd
7-272	3rd	7-306	3rd	7-340	3rd *
7-273	2nd	7-307	3rd	7-341	2nd *
7-274	3rd	7-308	2nd	7-342	3rd *
7-275	2nd	7-309	3rd	7-343	2nd
7-276	2nd	7-310	3rd	7-344	2nd
7-277	3rd	7-311	2nd	7-345	2nd
7-278	2nd	7-312	3rd	7-346	4th *
7-279	2nd	7-313	3rd	7-347	4th *
7-280	3rd	7-314	2nd	7-348	4th *
7-281	2nd	7-315	3rd	7-349	4th *
7-282	2nd	7-316	3rd	7-350	3rd *
7-283	3rd	7-317	2nd	7-351	4th *
7-284	2nd	7-318	3rd	7-352	2nd
7-285	2nd	7-319	3rd	7-353	3rd
7-286	3rd	7-320	2nd	7-354	2nd
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7-288	3rd	7-322	3rd	7-356	2nd
7-289	3rd	7-323	2nd	7-357	2nd
7-290	3rd	7-324	3rd	7-358	2nd
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7-293	3rd	7-327	3rd	7-361	2nd
7-294	2nd	7-328	3rd	7-362	3rd
7-295	3rd	7-329	2nd	7-363	2nd
7-296	3rd	7-330	3rd	7-364	2nd
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7-299	2nd	7-333	3rd	7-367	2nd
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ISSUED DATE:
January 17, 2020Issued Under Transmittal No. 110
Vice President-Public Policy & Compliance
100 CenturyLink Drive
Monroe, Louisiana 71203EFFECTIVE DATE:
February 1, 2020

ACCESS SERVICE

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7-377	3rd	7-411	3rd	7-445	2nd
7-378	3rd	7-412	3rd	7-446	2nd
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12-28	2nd	13-17	2nd	13-51	2nd
12-29	2nd	13-18	2nd	13-52	2nd
12-30	2nd	13-19	2nd	13-53	2nd
12-31	2nd	13-20	2nd	13-54	2nd
12-32	2nd	13-21	2nd	13-55	2nd
12-33	3rd	13-22	2nd	13-56	2nd
12-34	3rd	13-23	2nd	13-57	1st
12-35	3rd	13-24	2nd	13-58	2nd *
12-36	3rd	13-25	2nd	13-59	1st
12-37	3rd	13-26	1st	13-60	1st
12-38	3rd	13-27	2nd	13-61	4th
12-39	3rd	13-28	4th	13-62	3rd
12-40	2nd	13-29	1st	13-63	3rd
12-41	2nd	13-30	2nd	13-64	3rd
12-42	4th	13-31	2nd	13-65	1st
13-0	2nd	13-32	2nd	13-66	1st
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13-1	2nd	13-35	2nd	13-69	3rd
13-2	2nd	13-36	2nd	13-70	1st
13-3	2nd	13-37	3rd	13-71	1st
13-4	1st	13-38	2nd	13-72	1st
13-5	2nd	13-39	2nd	13-73	1st
13-6	2nd	13-40	2nd	13-74	1st
13-7	2nd	13-41	2nd	13-75	1st
13-8	1st	13-42	2nd	13-76	1st
13-9	1st	13-43	3rd	13-77	1st
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13-85	1st	14-23	1st	16-30	2nd
13-86	1st	14-24	1st	16-31	2nd
13-87	1st	14-25	1st	16-32	2nd
13-88	1st	15-1	1st	16-33	2nd
13-89	2nd	16-0	1st	16-34	2nd
13-90	2nd	16-1	2nd	16-35	2nd
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13-94	2nd	16-5	2nd	16-39	2nd
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14-6	1st	16-13	2nd	16-47	2nd
14-7	1st	16-14	2nd	16-48	2nd
14-8	1st	16-15	2nd	16-49	2nd
14-9	1st	16-16	2nd	16-50	2nd
14-10	1st	16-17	2nd	16-51	2nd
14-11	1st	16-18	2nd	16-52	2nd
14-12	1st	16-19	2nd	16-53	2nd
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ACCESS SERVICE**2. GENERAL REGULATIONS****2.6 DEFINITIONS (Cont'd)**Global Title Translation

The term "Global Title Translation" denotes a specific routing translation in a STP. A Global Title is an address such as customer-dialed digits which does not explicitly contain information that would allow routing in the signaling network. The information needed to access the correct Global Title information is sent to the appropriate STP where the GTT tables reside. The STP performs a table look-up and then routes the SS7 message to the appropriate CCSN destination.

Hard Coded Automatic Number Identification Information Digits

The term "Hard Coded Automatic Number Identification Information Digits" denotes the two digit ANIi pair assignments which are installed in a switch via a generic switch update provided by the switch vendor.

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.

Hub

The term "Hub" denotes a Company designated wire center at which bridging, multiplexing or connections to other services are performed.

(C)

Immediately Available Funds

The term "Immediately Available Funds" denotes a corporate or personal check drawn on a bank account and funds which are available for use by the receiving party on the same day on which they are received and include U.S. Federal Reserve bank wire transfers, U.S. Federal Reserve notes (paper cash), U.S. coins, U.S. Postal Money Orders and New York Certificates of Deposit.

Impedance Balance

The term "Impedance Balance" denotes the method of expressing Echo Return Loss and Singing Return Loss at a 4-wire interface whereby the gains and/or loss of the 4-wire portion of the transmission path, including the hybrid, are not included in the specification.

ACCESS SERVICE

2. GENERAL REGULATIONS

2.6 DEFINITIONS (Cont'd)

Office Replacement

The term "Office Replacement" denotes a situation where the hardware and software in a Company switching office is replaced with different hardware and software for the establishment and maintenance of a given switching office.

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.

Originating Direction

The term "Originating Direction" denotes the use of access service for the origination of calls from an end user premises to a customer's premises.

Packet

The term "Packet" denotes a continuous sequence of binary bits of information which is switched through the network as an integral unit. Consists of up to 2048 bits (256 octets) of customer data plus additional transmission and error control information.

(D)
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(D)

ACCESS SERVICE

2. GENERAL REGULATIONS

2.6 DEFINITIONS (Cont'd)

(D)

(D)

Public Access Line Service

The term "Public Access Line Service" denotes Basic and Smart Public Access Line Service available under the general and/or local exchange service tariffs of the Company for use with pay telephones.

Query

The term "Query" denotes the inquiry to a Company database to obtain information, processing instructions or service data.

Quotation Preparation Fee

The term "Quotation Preparation Fee" denotes the fee for the work activities performed by the Company to provide a quotation for EIC Service.

Recipient Switch

The term "Recipient Switch" denotes any end office switch that serves ported NXX codes not originally assigned to the switch.

ACCESS SERVICE

5. ORDERING OPTIONS FOR ACCESS SERVICES

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(D)

ACCESS SERVICE

5. ORDERING OPTIONS FOR ACCESS SERVICES

5.2 ACCESS ORDER (Cont'd)

B. Private Line Transport Services

For all Private Line Transport Services, the customer must specify the customer-designated premises or Hubs involved, the type of service (e.g., Analog Private Line Service, DS1 Private Line Service, etc.), the channel interface, technical specification package and options desired. 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.

(D)

(D)

C. Dedicated Network Access Link Service

(T)

For DNAL Service, the customer must specify the customer-designated premises, the DNAL Transport Facility, the type of DNAL Transport Termination to be associated with the DNAL.

ACCESS SERVICE

5. ORDERING OPTIONS FOR ACCESS SERVICES

5.2 ACCESS ORDER (Cont'd)

- D. For WATS Access Service, as described in 6.3.1.Q., following, the customer shall specify the end user's premises at which the WATS Access Line terminates, the type of line (i.e., two-wire or four-wire), the type of supervisory signaling (i.e., loop start or ground start) and, depending on the WATS Access Service Arrangement requested, the type of calling (i.e., originating-only, terminating-only or two-way). The customer may request WATS Access Service from the wire center which serves the customer's originating and/or terminating premises. When the serving wire center is not capable of performing the WATS Access Service requested (i.e., the serving wire center is not a WATS Serving Office or is a WATS Serving Office that is not capable of providing the WATS Access Service Arrangement requested) or the WATS Serving Office capacity is exhausted for the WATS Access Service Arrangement requested, the Company will provide the service to the nearest wire center where the capability and/or capacity exists. In these circumstances the customer will be so notified and the order will be changed to designate the appropriate WATS Serving Office. No order charge will apply for the change. End office switches where the capability and/or capacity exists are designated as WATS Serving Offices listed as such in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4. (T)

A WATS Access Line must be ordered for use with Lineside or Trunkside Switched Access Service. The WATS Access Line can be any Private Line Transport Service Non-Competitive End User Channel Termination (EUCT), as provided in Section 7, following, that is technically compatible with WATS Access Service.

- E. Where the Private Line Transport Service Non-Competitive EUCT is exempt from the Private Line Transport Surcharge, as set forth in 7.4.2, following, the customer shall furnish with the order the certification as set forth in that section. (T)
- F. For Virtual EIC Service, the customer must specify the Company wire center in which the virtual interconnector's equipment will be installed, and the type of equipment in accordance with Section 21, following, the channel interface, technical specification package and options desired. (T)

ACCESS SERVICE

5. ORDERING OPTIONS FOR ACCESS SERVICES

5.2 ACCESS ORDER (Cont'd)

5.2.2 ACCESS ORDER MODIFICATIONS

The customer may request a modification of its Access Order at any time prior to notification by the Company that service is available for the customer's use. The 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 Company will notify the customer. If the customer still desires the Access Order modification, the 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 Private Line Transport Service Non-Competitive End User Channel Termination (EUCT) channels, Switched Access Service facilities, lines or trunks, or EIC Channel Terminations will be treated as a new Access Order (for the increased amount only).

(C)

If order modifications are necessary to satisfy the transmission performance for a Private Line Transport Service Non-Competitive EUCT ordered by a customer, these changes will be made without order modification charges being incurred by the customer.

ACCESS SERVICE

5. ORDERING OPTIONS FOR ACCESS SERVICES

5.2 ACCESS ORDER

5.2.2 ACCESS ORDER MODIFICATIONS (Cont'd)

B. Partial Cancellation Charge

Any decrease in the number of ordered Private Line Transport Service Non-Competitive End User Channel Termination (EUCT) channels, Switched Access Service facilities, lines, trunks, or EIC Channel Terminations will be treated as a partial cancellation and the charges as set forth in 5.2.3, following, will apply.

C. Design Change Charge

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 Company personnel of the service ordered and the requested changes to determine what change in the design, if any, is necessary to meet the changes requested by the customer. Design changes include such things as a change of end user premises within the same serving wire center, the addition or deletion of optional features, 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. The Design Change Charge also covers activities associated with the conversion of a UNE circuit to a special private line service.

Design changes do not include a change of customer premises, end user premises to a different serving wire center, end office switch, Switched Access Service type or Private Line Transport Non-Competitive EUCT type, or EIC Channel Termination 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.

(C)

ACCESS SERVICE

5. ORDERING OPTIONS FOR ACCESS SERVICES

5.2 ACCESS ORDER

5.2.3 CANCELLATION OF AN ACCESS ORDER

E. The Critical Dates monitored by the Company are as follows: (Cont'd)

	ALL STATES			
	APP %	DLRD %	PTD %	DD %
3. Digital Data Service Non-Competitive End User Channel Termination (EUCT)	13	44	77	[1]
4. DS1 Non-Competitive EUCT	10	48	81	[1]
5. DS3 Non-Competitive EUCT	10	48	81	[1]
6. Simultaneous Voice Data Service Non-Competitive EUCT	13	44	77	[1]

(D)
(D)

[1] Minimum period charges and 100% of the nonrecurring charges apply.

ACCESS SERVICE

5. ORDERING OPTIONS FOR ACCESS SERVICES

5.2 ACCESS ORDER (Cont'd)

5.2.6 MINIMUM PERIOD CHARGES

When Access Service is discontinued prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period.

The Minimum Period Charge for monthly billed services will be determined as follows:

- For Switched Access Service, the charge for a month or fraction thereof is equal to the applicable minimum monthly charge for the capacity as set forth in 6.7.3, following;
- For Private Line Transport Service Non-Competitive End User Channel Termination (EUCT), the charge for a month or fraction thereof is the applicable monthly rates for the service.

(D)
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(D)

- For EIC Service, the charge for a month or fraction thereof is the applicable monthly rates for the service as set forth in 21.8, following.

The Minimum Period Charge for CST3 and Feature Group D Switched Access Service and the associated Entrance Facility and DTT Facility will be determined as set forth in 2.4.2, preceding.

The Minimum Period Charge for part-time Analog Private Line Video Non-Competitive EUCT and Audio Non-Competitive EUCT is the applicable daily rates for the service.

The Minimum Period Charge for Private Line Transport Voice Grade Rate Stability Plan is set forth in 7.4.3, following.

ACCESS SERVICE

5. ORDERING OPTIONS FOR ACCESS SERVICES

5.2 ACCESS ORDER

5.2.6 MINIMUM PERIOD CHARGES (Cont'd)

The Minimum Period Charges for Digital Data Non-Competitive End User Channel Termination (EUCT) Private Line Transport Service Non-Competitive EUCT DS1 and DS3 Fixed Period Service Rate Plans are set forth in 7.1.3, 7.12.3 and 7.1.8, following.

Minimum Period Charge regulations for Switched Transport Pricing Plans are set forth in 6.7.15, following.

(D)

All applicable nonrecurring and discontinuance charges for the service will be billed in addition to the Minimum Period Charge.

ACCESS SERVICE

6. SWITCHED ACCESS SERVICE

6.3 COMMON SWITCHING, TRANSPORT TERMINATION AND LINE TERMINATION
OPTIONAL FEATURES AND BSES

6.3.1 COMMON SWITCHING OPTIONAL FEATURES AND BSES (Cont'd)

P. SWITCHNET 56 Service Switching Capability

This option allows for a connection between the customer's premises and a suitably equipped end users premises utilizing end office and/or access tandem switching capable of transmitting 56 kbps digital data. SWITCHNET 56 Service is available in conjunction with CST3 or Feature Group D from suitably equipped electronic end offices and/or access tandems. When SWITCHNET 56 Service is ordered in conjunction with CST3 or FGD, it requires the use of a separate trunk group equipped with Interface Group 6. When SWITCHNET 56 is used with CST3 or FGD, the standard CST3 or FGD dialing pattern is used. This dialing pattern may vary according to the technology implemented in each specific Company end office and/or access tandem (i.e., dialing #56 may be required dependent upon the switching technology).

Q. WATS Access Service (WATS)[1]

(T)

1. Description

At the option of the customer, WATS Access Service as specified following may be provided at Company designated end office switches, referred to as WATS Serving Office(s) (WSO). WATS Serving Offices are identified in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4. WATS Access Service is provided in conjunction with Lineside and Trunkside Switched Access Service and any compatible Private Line Transport Service, referred to as WATS Access Line(s). The WATS Access Line as described in 5.2, preceding, is required to connect the WSO to the end user's premises.

[1] Effective February 1, 2020, WATS Private Line Transport Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)

(N)

ACCESS SERVICE

6. SWITCHED ACCESS SERVICE

6.3 COMMON SWITCHING, TRANSPORT TERMINATION AND LINE TERMINATION
OPTIONAL FEATURES AND BSES

6.3.1 COMMON SWITCHING OPTIONAL FEATURES AND BSES

Q. WATS Access Service (WATS)[1]

(T)

1. Description (Cont'd)

The WSO is capable of performing the necessary routing, screening and recording functions for 800/800-type Service, WATS and similar services and is provided only for use at the closed end of such services. The WSO may be capable of performing some or all of the WATS Access Service Arrangements and WATS Access Service Options as described in 2. and 3., following. Technical limitations resident in certain end office switches that are designated as a WSO, may preclude the availability of certain WATS Access Service Arrangements and WATS Access Service Options. In addition, Answer Supervision for Use with WATS Access Service, as described in 6.3.3.A., following, is available only in suitably equipped WATS Serving Offices.

WATS Access Service can be arranged for originating-only, terminating-only or two-way calling, depending on the specific arrangement employed. Dial-pulse or dual-tone multifrequency address signaling and either loop start or ground start supervisory signaling is used to work with any compatible Private Line Transport Service, such as Analog Private Line - Voice Grade or PLTS DS1 Services. Unless otherwise described herein, all options and optional features that are available with Lineside or Trunkside access are available in conjunction with WATS Access Service. Options and optional features that are available with Private Line Transport Services used as WATS Access Lines are provided as set forth in Section 7, following.

[1] Effective February 1, 2020, WATS Private Line Transport Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)
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(N)

ACCESS SERVICE

6. SWITCHED ACCESS SERVICE

6.3 COMMON SWITCHING, TRANSPORT TERMINATION AND LINE TERMINATION
OPTIONAL FEATURES AND BSES

6.3.1 COMMON SWITCHING OPTIONAL FEATURES AND BSES

Q. WATS Access Service (WATS)[1]

(T)

1. Description (Cont'd)

WATS Access Lines are subject to all applicable Private Line Transport Service Channel Termination rates as specified in Section 7, following, or as found on the Company's website or Company's other designated location for connections between the end user's premises and the WSO wire center. In cases where WATS Access Service is requested from a wire center that is not a WSO, Channel Mileage, as found on the Company's website or Company's other designated location will apply to the connecting facility provided between the end user's serving wire center and the WSO wire center where the WATS Access Service is provided. Channel Mileage will be calculated on the airline distance between the end user's serving wire center and the WSO wire center.

In cases where WATS Access Service is provided from a wire center that is a WSO but lacks the capability for the requested WATS Access Service arrangement, no Channel Mileage charges will apply.

2. WATS Access Service Arrangements

WATS Access Service is available as provided in five unique arrangements (i.e., Packages) which are differentiated by service type (e.g., WATS and 800/800-type Service), directionality, call type, service prefix and traffic type. WATS Access Service Arrangements are available in conjunction with Lineside and Trunkside Access as specified herein. A brief description of each WATS Access Service Arrangement is following.

[1] Effective February 1, 2020, WATS Private Line Transport Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)

(N)

ACCESS SERVICE

6. SWITCHED ACCESS SERVICE

6.3 COMMON SWITCHING, TRANSPORT TERMINATION AND LINE TERMINATION
OPTIONAL FEATURES AND BSES

6.3.1 COMMON SWITCHING OPTIONAL FEATURES AND BSES

Q. WATS Access Service (WATS)[1]

(T)

2. WATS Access Service Arrangements (Cont'd)

a. Package 1 - Local/OUTWATS (Band N)

An originating-only service that delivers local, intraLATA and interLATA traffic to the customer. Blocking is performed by the Company on some traffic types as detailed in f., following.

b. Package 2 - OUTWATS (Band 9)

An originating-only service that delivers intraLATA/interstate and all interLATA traffic to the customer. Local and intraLATA/intrastate traffic is retained and delivered by the Company. The Company will bill the end user directly for charges associated with local and intraLATA/ intrastate usage, at the applicable state intraLATA Band 0 OUTWATS rates. This arrangement is available only with CST2, CST3, Feature Groups C and D. In addition, the Company will retain or block certain traffic types as detailed in f., following.

c. Package 3 - Two-Way WATS (Band Y)

A two-way service that delivers local, intraLATA and interLATA traffic to the customer and completes traffic to an end user's premises. Blocking of certain traffic types is performed by the Company as detailed in f., following.

[1] Effective February 1, 2020, WATS Private Line Transport Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)

(N)

ACCESS SERVICE

6. SWITCHED ACCESS SERVICE

6.3 COMMON SWITCHING, TRANSPORT TERMINATION AND LINE TERMINATION
OPTIONAL FEATURES AND BSES

6.3.1 COMMON SWITCHING OPTIONAL FEATURES AND BSES

- Q. WATS Access Service (WATS)[1]
- 2. WATS Access Service Arrangements (Cont'd)
- d. Package 4 - Traditional WATS (Bands 1-6)

(T)

An originating-only service that delivers all interstate traffic to the customer for the banded (i.e., screened) serving areas that have been ordered by the customer. Calls that are destined to banded serving areas that are not ordered by the customer will be blocked by the Telephone Company. This arrangement is available only with CST2, CST3, Feature Groups C and D. In addition, the Telephone Company will retain or block certain traffic types as detailed in f., following.

- e. Package 5 - INWATS

A terminating-only service that completes traffic to an end user's premises. This service is available in conjunction with a customer's 800/800-type Service.

- f. The following matrix specifies the directionality, call type, service prefix and traffic type associated with the WATS Access Service Arrangements described preceding.

[1] Effective February 1, 2020, WATS Private Line Transport Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)
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(N)

ACCESS SERVICE

6. SWITCHED ACCESS SERVICE

6.3 COMMON SWITCHING, TRANSPORT TERMINATION AND LINE TERMINATION
 OPTIONAL FEATURES AND BSES

6.3.1 COMMON SWITCHING OPTIONAL FEATURES AND BSES

- Q. WATS Access Service (WATS)[1]
- 2. WATS Access Service Arrangements
- f. (Cont'd)

(T)

	PKG.1 (BAND N)	PKG. 2 (BAND 9)	PKG. 3 (BAND Y)	PKG. 4 (BANDS 1-6)	PKG. 5
DIRECTION					
Originating-only	X	X		X	
Terminating-only					X
Two-way			X		
CALL TYPE					
Local	D	R	D	B	
IntraLATA/Intrastate	D	R	D/C	B	C
IntraLATA/Interstate	D	D	D/C	D	C
InterLATA/Intrastate	D	D	D/C	B	C
InterLATA/Interstate	D	D	D/C	D	C

X = Available with the Package arrangement
 D = Telephone Company DELIVERS traffic to the customer
 R = Telephone Company RETAINS and delivers traffic
 C = Telephone Company COMPLETES traffic to the end user's premises
 B = Telephone Company BLOCKS traffic to an announcement

[1] Effective February 1, 2020, WATS Private Line Transport Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)
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 (N)

ACCESS SERVICE

6. SWITCHED ACCESS SERVICE

6.3 COMMON SWITCHING, TRANSPORT TERMINATION AND LINE TERMINATION
 OPTIONAL FEATURES AND BSES

6.3.1 COMMON SWITCHING OPTIONAL FEATURES AND BSES

- Q. WATS Access Service (WATS)[1]
- 2. WATS Access Service Arrangements
- f. (Cont'd)

(T)

	PKG.1 (BAND N)	PKG. 2 (BAND 9)	PKG. 3 (BAND Y)	PKG. 4 (BANDS 1-6)	PKG. 5
SERVICE PREFIX					
BOC Opr. (0-)	B	R	B	R	
IEC Opr. (00)	D	D	D	D	
0+	B	B	B	B	
IDDD (01)	B	B	B	B	
IDDD (011)	D	D	D	B	
1+	D	D	D	D	
101XXXX	B	B	B	B	
No prefix	B	B	B	B	
TRAFFIC TYPE					
411	B	R	B	B	
499/976	B	B	B	B	
551/611	D	R	D	R	
5YY	B	B	B	B	
555	D	R	D	B	
700	D	D	D	D	
8XX-originating	B	B	B	B	
800/800-type-terminating			C		C
900	B	B	B	B	
911	B	B	B	B	
950	B	B	B	B	
Vacant code	B	B	B	B	

D = Company DELIVERS traffic to the customer
 R = Company RETAINS and delivers traffic
 C = Company COMPLETES traffic to the end user's premises
 B = Company BLOCKS traffic to an announcement

[1] Effective February 1, 2020, WATS Private Line Transport Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)
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 (N)

ACCESS SERVICE

6. SWITCHED ACCESS SERVICE

6.3 COMMON SWITCHING, TRANSPORT TERMINATION AND LINE TERMINATION
OPTIONAL FEATURES AND BSES

6.3.1 COMMON SWITCHING OPTIONAL FEATURES AND BSES

Q. WATS Access Service (WATS)[1] (Cont'd)

(T)

3. WATS Access Service Options

WATS Access Service Options are available in conjunction with the WATS Access Service Arrangements detailed in 2., preceding. These options are provided in Company designated WATS Serving Offices and are available for use with WATS Access Service only. WATS Access Service Options are available in conjunction with Lineside and Trunkside Access, as specified herein.

a. Band Advance

This option, which is provided in association with two or more WATS Access Line groups, provides for the automatic overflow of terminating calls to a WATS Access Line group, when that group has exceeded its call capacity, to another WATS Access Line group.

b. End Office End User Line Screening

This option provides the ability to verify that an end user has dialed a called party address (by screening the called NPA and/or NXX on the basis of geographical bands selected by the Telephone Company) which is in accordance with that end user's service agreement with the customer (e.g., WATS). This option is available only with CST2, CST3, Feature Groups C or D and originating WATS Access Lines.

c. Hunt Group

This option provides the ability to access sequentially one of two or more WATS Access Lines in the terminating direction, when the hunting number of the WATS Access Line group is forwarded from the customer to the Telephone Company.

[1] Effective February 1, 2020, WATS Private Line Transport Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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ACCESS SERVICE

6. SWITCHED ACCESS SERVICE

6.3 COMMON SWITCHING, TRANSPORT TERMINATION AND LINE TERMINATION
 OPTIONAL FEATURES AND BSES

6.3.1 COMMON SWITCHING OPTIONAL FEATURES AND BSES

Q. WATS Access Service (WATS)[1] (T)

3. WATS Access Service Options (Cont'd)

d. Uniform Call Distribution

This option provides a type of multiline hunting which provides for an even distribution of terminating calls among the available WATS Access Lines in the hunt group.

e. Nonhunting Number for Use with Hunt Group or Uniform Call Distribution

This option provides for an individual WATS Access Line that is within a multiline hunt or uniform call distribution group, to provide access to the WATS Access Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed.

f. The following matrix specifies which WATS Access Service Options as described in a. - e., preceding, are available with the WATS Access Service Arrangements.

OPTION	PKG.1 (BAND N)	PKG. 2 (BAND 9)	PKG. 3 (BAND Y)	PKG. 4 (BANDS 1-6)	PKG. 5
a.					X
b.				X	
c.			X		X
d.			X		X
e.			X		X

[1] Effective February 1, 2020, WATS Private Line Transport Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)
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 (N)

ACCESS SERVICE

6. SWITCHED ACCESS SERVICE

6.7 RATE REGULATIONS

6.7.15 SWITCHED TRANSPORT PRICING PLANS (Cont'd)

B. Pricing Plan Shared Use Regulations

When the customer's Switched Access Service is provided on a portion of the capacity of a PLTS facility under a PLTS Pricing Plan, the Shared Use billing will be apportioned as described in 2.7, preceding. The following conditions are in addition to the Shared Use regulations.

Pricing Plans established for PLTS are not always available for Switched Services in all states. Pricing Plans are applicable in the states of AZ, CO, IA, MN, NE, NM, OR, UT and WA when the PLTS and Switched Services fixed periods are the same. Pricing Plans are not available for DID Service. When the customer has an existing PLTS Pricing Plan in a state where Switched Transport Pricing Plans are not available, the appropriate non-plan (month-to-month) Switched Transport rate element shall be apportioned in lieu of a Pricing Plan rate.

The Company shall bill Switched Transport Pricing Plan rate elements at the same capacity level as the PLTS Pricing Plan rate elements for the same duration of time remaining on the Shared Use PLTS Pricing Plan fixed period. When Switched Transport rate elements at the same capacity level (e.g., SRS) are not available, the Company shall utilize a Switched DS3 Pricing Plan rate element for the billing of Switched Access.

(D)
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(D)

All other exceptions are described under the Shared Use regulations as described in 2.7, preceding.

The Switched Transport Pricing Plan minimum period will be for the same duration of remaining months on the Shared Use PLTS Pricing Plan fixed period.

When the customer migrates Switched Access Service to a Shared Use PLTS facility, the Company shall establish the Switched Access rate elements using current pricing plan tariff rates in effect at the time the request is completed.

ACCESS SERVICE

6. SWITCHED ACCESS SERVICE

6.7 RATE REGULATIONS

6.7.15 SWITCHED TRANSPORT PRICING PLANS (Cont'd)

F. Pricing Plan Nonrecurring Charge Reduction

1. General[1]

When the customer's Switched Transport is under a Switched Transport Pricing Plan (e.g., DS1 or DS3) or is provided on a PLTS Shared Use facility under a PLTS Pricing Plan (e.g., DS1 or DS3), a nonrecurring charge (NRC) reduction may apply. Switched Transport nonrecurring charges associated with a thirty-six month (36) Switched Transport or Shared Use PLTS fixed period will be reduced twenty-five percent (25%) when the access order is received within 90 days of the fixed period establishment date. Switched Transport nonrecurring charges associated with a sixty month (60) Switched Transport fixed period or any fixed period of a Shared Use PLTS Pricing Plan, of longer duration than 36 months will be reduced fifty percent (50%) when the access order is received within 180 days of the fixed period establishment date. (C)

For Switched Access Service ordered from Section 6, the Company will use the Switched Transport Pricing Plan establishment date as the beginning date through day 90 or day 180, respectively, to determine the NRC reduction eligibility. For Switched Access provisioned as Shared Use on PLTS Service, the Company will use the PLTS Pricing Plan establishment date as the beginning date through day 90 or day 180, respectively, to determine the NRC reduction eligibility. Nonrecurring charges on access orders received after day 90 or day 180 from the establishment date of the fixed period (i.e., Switched or PLTS) will not be reduced. (C)

An NRC reduction may be applied to Switched Access Service work activities for installation of service, service rearrangements, rollovers and moves. Nonrecurring charges for work activities performed at the line group, trunk group, end office or tandem level or for 500 Access Service (6.8.2.F), 900 Access Service (6.8.6), Dedicated Network Access Link (6.8.1.G), Direct Inward Dial (6.8.2.C), Switched Data Service (6.8.7) and CCSAC (20.8) are not eligible for a NRC reduction.

In addition to the conditions described preceding, Switched Access Service nonrecurring charges, as set forth in 6.8, following, will be reduced when the conditions in 2. through 4., following, are met.

[1] The Switched Transport Pricing Plan NRC reduction is applicable in the states of AZ, CO, IA, MN, NE, NM, OR, UT and WA.

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.1 GENERAL

A. Channel Types (Cont'd)

For purposes of ordering channels, each has been identified as a type of Private Line Transport Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Low Speed Data Service or a Digital Data Service in this Tariff, there is no restriction against doing so.

The customer also has the option of ordering Voice Grade[1] and digital High Capacity Non –Competitive End User Channel Termination (EUCT) (e.g., 1.544 Mbps) to a Company Hub for multiplexing to individual channels of a lower capacity or bandwidth. Descriptions of the optional features and functions available are also set forth with the service description.

(T)

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.1 GENERAL (Cont'd)

B. Descriptions of Service Elements

- 1. For the purposes of ordering, the following services are examples of Private Line Transport Non-Competitive End User Channel Termination (EUCT):

- Low Speed Data[1]
- D.C. Channel[1]
- Voice Grade[1]
- Audio[1]
- Video[1]
- Digital Data[1]
- DS1
- DS3
- SVDS[1]

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Services are available as specified in NECA Tariff F.C.C. No. 4. Exceptions are set forth in each rates and charges section.

- 2. Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Each of the components of the service is described in this section.
- 3. Customized technical specifications packages will be provided where technically feasible. If the Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

[1] Effective February 1, 2020, Low Speed Data; D.C. Channel; Voice Grade; Audio; Video; Digital Data and Simultaneous Video Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.1 GENERAL

7.1.1 RATING INFORMATION (Cont'd)

E. Spread of Nonrecurring Charges and Prepayment Discount

1. Spread of Nonrecurring Charges

At the customer's request, nonrecurring charges for PLTS Non-Competitive End User Channel Termination (EUCT) provided under a Pricing Plan may be amortized over the term of the fixed period and billed monthly. Nonrecurring charges billed in this manner (i.e., as an annuity), shall be subject to interest charges which the Company will include in each monthly installment.

The Company will calculate the monthly annuity, including principal and interest, using the following Annuity from a Present Amount formula:

$$\text{Monthly Annuity} = (\text{Nonrecurring Charge}) \frac{\frac{i}{12} \left(1 + \frac{i}{12}\right)^n}{\left(1 + \frac{i}{12}\right)^n - 1}$$

In the above formula, the variable "i" is the Company's Pretax Incremental Cost of Capital rate in effect when the monthly annuity amount is calculated. The variable "n" (an exponent) is the term of the fixed period in months.

(D)

If the customer discontinues PLTS Non-Competitive EUCT, changes to a lower speed service, moves or upgrades service, prior to the completion of the fixed period, the total remaining unpaid monthly annuity payments for the recovery of the nonrecurring charge must be paid immediately as a one-time charge. The Company will calculate this one-time charge using the following Present Value of an Annuity formula:

$$\text{One-time Charge} = (\text{Monthly Annuity}) \frac{\left(1 + \frac{i}{12}\right)^n - 1}{\frac{i}{12} \left(1 + \frac{i}{12}\right)^n}$$

In the formula directly above, the variable "i" is the Company's Pretax Incremental Cost of Capital in effect when the one-time charge amount is calculated. The variable "n" (an exponent) is the total number of remaining unpaid monthly annuity payments.

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.1 GENERAL (Cont'd)

7.1.3 MULTI-PRODUCT PRICING PLANS

A. Variable Term Pricing Plan

The Variable Term Pricing Plan rates for Private Line Transport Service Non-Competitive End User Channel Terminations (EUCTs) subject to Section 203 of the Communications Act are filed in this tariff. Other Private Line Transport Service rates included in this plan are not subject to Section 203 and are provided outside of this tariff.

1. Description

DS1 may be ordered at the customer's option on a month-to-month basis or for a VTPP fixed period of 1 year (12 months), 2 year (24 months), 3 years (36 months) or 5 years (60 months).

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When customers with a Variable Term Pricing Plan (VTPP) disconnect the entire service or a portion of the service prior to expiration of the VTPP then Termination Liability and Waiver Charges (TLA) as set forth in Section 7.1.8, following, will apply.

2. Fixed Period Service Rate Plans

The customer may subscribe to a 12-, 24-, 36- or 60-month fixed period service rate plan. The minimum service period for fixed period service is 12 months. The customer must specify the length of the fixed period service at the time the service is ordered.

For customers that subscribe to fixed period service of 12-, 24-, 36- or 60-months, the monthly rates for the entire fixed period will be frozen from Company-initiated increases, at the rates in effect for the fixed period on the service date.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.1 GENERAL

7.1.3 MULTI-PRODUCT PRICING PLANS

A. Variable Term Pricing Plan (Cont'd)

3. Digital Data Service Upgrades[1]

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a. Upgrades in Rate Plans

Services rated under the month-to-month plan or an existing fixed period service rate plan may be upgraded to a new fixed period service rate plan at any time the customer chooses without incurring nonrecurring or discontinuance charges. Where portions of a service are rated under the month-to-month plan (e.g., Multiplexer, Transport Channel) and are connected to fixed period rated service, the customer may upgrade these rate elements at the time the service is upgraded. Additionally, the new fixed period service rate plan must meet or exceed the fixed period service rate plan being upgraded. For example, a rate element with a 36-month fixed period service may be upgraded to a new 36-month, or longer, fixed period service. The monthly rates will be those that are in effect at the time the service is upgraded.

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[1] Effective February 1, 2020, Digital Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.1 GENERAL

7.1.3 MULTI-PRODUCT PRICING PLANS

A. Variable Term Pricing Plan

3. Digital Data Service Upgrades[1] (Cont'd)

(T)

b. DS1 Service Upgrades

(1) Upgrades in Rate Plans

Services rated under the month-to-month plan or an existing fixed period service rate plan may be upgraded to a new fixed period service rate plan at any time the customer chooses without incurring nonrecurring or discontinuance charges. Where portions of a service are rated under the month-to-month plan (e.g., Multiplexer, Transport Channel) and are connected to fixed period rated service, the customer may upgrade these rate elements at the time the service is upgraded. Additionally, the new fixed period service rate plan must meet or exceed the fixed period service rate plan being upgraded. For example, a rate element with a 36-month fixed period service may be upgraded to a new 36-month, or longer, fixed period service. The monthly rates will be those that are in effect at the time the service is upgraded.

New minimum service period applies to all DS1 rate elements that are upgraded in the following manner:

- If the service being upgraded has been in place for more than 12 months, minimum period provisions will not apply, or
- If the service being upgraded has been in place for less than 12 months, the time in service will be applied against the minimum period term.

[1] Effective February 1, 2020, Digital Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.1 GENERAL

7.1.4 SERVICE CONFIGURATIONS (Cont'd)

C. Hub Connecting Service

A Hub Connecting Service connects a customer designated premises to a Company Hub where it may be connected to a bridge, multiplexer or other service function. For example, one customer may use the Hub Connecting Service to access a multipoint service purchased by another customer (e.g., weather distribution service, broadcast audio network) or another service (e.g., WATS Access Service).

Applicable rate elements are:

- Non-Competitive End User Channel Termination (EUCT)
- C.O. Connecting Channel (when applicable)

- Optional Features and Functions (when applicable)
- Bridging (when applicable)

Hub Connecting Service may also be utilized in conjunction with Switched Access Services (e.g., Feature Group D), to provide a dedicated connection to certain access services, such as WATS Access Service. A description of WATS Access Service is detailed in 6.3.1.Q., preceding.

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In addition, a Private Line Transport Surcharge and a Message Station Recovery Charge as set forth in 7.1.2, may be applicable.

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.1 GENERAL (Cont'd)

7.1.6 RESERVED FOR FUTURE USE

7.1.7 FACILITY HUBS[1]

(T)

A customer has the option of ordering Voice Grade facilities, DS1 or DS3 Non-Competitive End User Channel Termination (EUCT) to a facility Hub for channelizing to individual services requiring lower capacity facilities (e.g., Low Speed Data, Voice, Audio, etc.).

Different locations may be designed 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 ordering, the customer will specify the desired multiplexing Hub(s) selected from the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

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 the customer designated premises will be that of the lower capacity or bit rate (e.g., when a 1.544 Mbps facility is multiplexed to voice frequency channels, the transmission performance of the channelized services will be Voice Grade, not DS1).

[1] Effective February 1, 2020, Low Speed Data; Voice and Audio Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.1 GENERAL

7.1.7 FACILITY HUBS[1] (Cont'd)

(T)

The Company will commence billing the monthly rate for the facility to the Hub on the service due date specified by the customer on the service order. 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 will be billed for Voice Grade, DS1 or DS3 Non-Competitive End User Channel Termination (EUCT). Individual service rates (by service type) will apply for a Non-Competitive EUCT. These will be billed to the customer as each individual service is installed.

Although not requiring multiplexing, the Company will designate certain Hubs for Video and Audio Services Non-Competitive EUCT. A customer may order full-time and/or part-time Non-Competitive EUCT service(s) between customer designated premises and a Hub and will be billed accordingly at the rates set forth in 7.5, following, for the full-time or part-time Non-Competitive EUCT service, as appropriate. At the request of a customer, the full-time and/or part-time services provided to the Hub may be connected together in the following configurations: full-time to full-time, full-time to part-time or part-time to part-time. The customer will be charged for each such connection made at the Hub at the charges for C.O. Connecting Channel, Audio Service, as set forth in 7.5, following. The rates that also apply for the service between each customer designated premises and the Hub are a Non-Competitive EUCT. In addition, for Audio services, rates for optional features and functions may be applicable.

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.1 GENERAL

7.1.8 TERMINATION LIABILITY AND WAIVER POLICY

B. Termination Liability (Cont'd)

The termination charge of 40% is applicable to Non-Competitive End User Channel Termination (EUCT) for VG, Video, DDS, SVDS, Digital Data 2-Wire, and DS1. The applicable termination charge for DS3 Non-Competitive EUCT is 70%. The termination charge is the total current monthly charges for the remaining portion of the term. For example, if a DDS customer discontinues service after completing 17 months of a 36-month term, the termination charge will be the current monthly charges for the service multiplied by 40%, multiplied by 19 months. If a DS3 customer discontinues service after completing 17 months of a 36-month term, the termination charge will be the current monthly charges for the service multiplied by 70%, multiplied by 19 months. If the customer chooses to discontinue pricing plan service prior to completion of the minimum service period, termination charges equal to 100% of the total monthly charges for the remaining months of the minimum service period, plus either 40%, 50% or 70% of the total monthly charges for the remaining months of the term, will apply.

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C. Waiver Policy

A waiver of the termination charge as set forth in B., preceding, may occur if the customer moves to a different location within the Company territory or migrates to another Company service (e.g., DS1 to DS3 Service, or 2.4 kbps DDS to 56 kbps, or an upgrade in DS3 capacity, or DS3 Service to a greater capacity SST). When the customer is purchasing these services to offer to third party end users, the end user must be the same for both the old and new service. In the case of a move to a different building, the end user must be the same at the old and new location. In the case of a migration to another Company service or transmission speed, the end user must be the same for the original service and the new service or transmission speed at the current location. All of the following conditions must be met:

- The customer must agree to a new pricing plan for the new service;
- The customer must satisfy the minimum service period requirement. Should the customer choose to discontinue fixed period service prior to completion of the minimum service period, termination charges equal to 100% of the total monthly charges for the remaining months of the minimum service period, will apply;

ISSUED DATE:
January 17, 2020

Issued Under Transmittal No. 110
Vice President-Public Policy & Compliance
100 CenturyLink Drive
Monroe, Louisiana 71203

EFFECTIVE DATE:
February 1, 2020

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.2 LOW SPEED DATA SERVICE[1]

(T)

7.2.1 GENERAL

A. Basic Channel Description

Low Speed Data (LS) Non-Competitive End User Channel Termination (EUCT) are furnished, at speeds no greater than 150 baud, to connect a customer-designated premises to a Company serving wire center or to connect between two or more customer-designated premises. Low Speed Data is an analog service.

1. LS-1

The LS-1 Non-Competitive EUCT is capable of providing a two point circuit for control of a transfer arrangement, control of a relay or a similar contact closure function at data speeds no greater than 30 baud. This function can be provided between two customer-designated premises or a customer-designated premises and a Company serving wire center.

The channel will be furnished on metallic or equivalent facilities at the Company's option.

[1] Effective February 1, 2020, Low Speed Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.2 LOW SPEED DATA SERVICE[1]

(T)

7.2.1 GENERAL

A. Basic Channel Description (Cont'd)

2. LS-2

The LS-2 Non-Competitive End User Channel Termination (EUCT) is capable of furnishing alarm signaling (McCulloh format) which may connect a maximum 26 points from three serving wire centers (one wire center for the master station and up to two more for the remote stations). The number of remote stations may be further limited by the Company to less than 25 to the extent necessary to allow the central office equipment to function properly.

The receiver at the customer's master station and the transmitters at the customer's remote stations are provided by the customer. The Company will provide an energized channel from the serving wire center to each remote station.

Master and remote stations will be connected by two-wire metallic or equivalent facilities to the Company central office bridging equipment in a series configuration. When interoffice carrier facilities are provided, two separate channels are required to convey loop-ground (G-lead) and loop-open (N-lead) conditions. Facilities will be provided by metallic or nonmetallic means at the Company's option.

[1] Effective February 1, 2020, Low Speed Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.2 LOW SPEED DATA SERVICE[1] (T)

7.2.1 GENERAL

A. Basic Channel Description (Cont'd)

3. TG-1

The TG-1 Non-Competitive End User Channel Termination (EUCT) is capable of transmitting binary data signals at rates up to 75 Baud. Data may be transmitted either two-way nonsimultaneous (half duplex) or two-way simultaneous (duplex) at the customer's option. This channel is provided between customer designated premises or between a customer designated premises and a Company Hub.

4. TG-2

The TG-2 Non-Competitive EUCT is capable of transmitting binary data signals at rates up to 150 Baud. Data may be transmitted either two-way nonsimultaneous (half duplex) or two-way simultaneous (duplex) at the customer's option. This channel is provided between customer designated premises or between a customer designated premises and a Company Hub.

B. Technical Specifications Packages

PARAMETER	PACKAGES -- LS AND TG					
	LSC	LS1	LS2	TGC	TG1	TG2
DC Resistance Between Conductors	X	X	X			
Loop Resistance	X	X	X			
Telegraph Distortion				X	X	X

The technical specifications are delineated in Qwest Corporation Technical Publication PUB 77307.

C. Channel Interfaces

Compatible channel interfaces are set forth in Qwest Corporation Technical Publication PUB 77307.

[1] Effective February 1, 2020, Low Speed Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.2 LOW SPEED DATA SERVICE[1] (Cont'd)

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7.2.2 OPTIONAL FEATURES AND FUNCTIONS

A. Central Office Bridging Capability

Series McCulloh Bridging of up to 26 customer designated premises is available with LS-2 service.

B. Low Speed Data Bridging (two-wire and four-wire).

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

	AVAILABLE WITH TECHNICAL SPECIFICATIONS PACKAGE TG-		
	C	1	2
Low Speed Data Bridging	X	X	X

[1] Effective February 1, 2020, Low Speed Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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 (N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.2 LOW SPEED DATA SERVICE[1] (Cont'd) (T)

7.2.3 RATES AND CHARGES

	NONRECURRING CHARGE	MONTHLY RATE	
A. Non-Competitive End User Channel Termination (EUCT), per point of termination			
• LS1 0-30 Baud[2]	\$450.00	\$61.00	(T)
• LS2 (McCulloh) Data[3]			(T)
- Two Wire	450.00	40.00	
- Four Wire	450.00	80.00	
• TG1 0-75 Baud[4]			(T)
- Two Wire	450.00	30.00	
- Four Wire[5]	450.00	40.00	(T)
• TG2 0-150 Baud[4]			(T)
- Two Wire	450.00	30.00	
- Four Wire	450.00	40.00	

[1] Effective February 1, 2020, Low Speed Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

[2] ID (Spokane LATA), MT - SPUR (T)

[3] Not available in AZ, CO, ID (Boise LATA), MT, NM, UT and WY. (T)

[4] ID (Spokane LATA) - SPUR (T)

[5] NM – SPUR (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.2 LOW SPEED DATA SERVICE[1] (T)

7.2.3 RATES AND CHARGES (Cont'd)

B. Optional Features and Functions

	NONRECURRING CHARGE	MONTHLY RATE	
• Series LS2 Bridging, per port[2,3]	–	\$20.00	(T)
• Low Speed Data Bridging, per port[3]			(T)
- Two-wire	–	67.00	
- Four-wire	–	65.00	

[1] Effective February 1, 2020, Low Speed Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

[2] Not available in AZ, CO, ID (Boise LATA), MT, ND, NE, NM, SD, UT and WY. (T)

[3] ID (Spokane LATA) – SPUR (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.3 D.C. CHANNEL SERVICE[1]

(T)

7.3.1 GENERAL

A. Basic Channel Description

A D.C. Non-Competitive End User Channel Termination (EUCT) is an unconditioned two-wire channel capable of transmitting low speed varying signals at rates up to 30 baud with D.C. continuity. This channel is provided by metallic facilities provided between customer designated premises served by the same serving wire center.

B. Technical Specifications Packages

PARAMETER	PACKAGE MT-3
Loop Resistance	X
Shunt Capacitance	X

The technical specifications are delineated in Technical Reference PUB TR-NPL-000336.

C. Channel Interfaces

Compatible channel interfaces are set forth in Technical Reference PUB TR-NPL-000336.

(M)

[1] Effective February 1, 2020, D.C. Channel Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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 (N)

(M) Material moved to Page 113.

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.3 D.C. CHANNEL SERVICE[1] (Cont'd) (T)

7.3.2. OPTIONAL FEATURES AND FUNCTIONS (M)

A. Central Office Bridging Capability

1. Three Premises Bridging - Provision of tip-to-tip and ring-to-ring connection in a central office of a metallic pair to a third customer designated premises.
2. The following table shows the technical specifications packages with which the optional features and functions are available.

AVAILABLE WITH
 TECHNICAL SPECIFICATIONS
 PACKAGE MT-3

- Three Premises Bridging X (M)

7.3.3 RATES AND CHARGES

	NONRECURRING CHARGE	MONTHLY RATE	
A. Non-Competitive End User Channel Termination (EUCT), per point of termination[2, 3]	\$275.00	\$30.00	(T)
B. Optional Features and Functions			
• Bridging			
- Three Premises Bridging, per port[2, 4]	25.00	-	(T)

[1] Effective February 1, 2020, D.C. Channel Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

[2] Not available in IA, ID (Spokane LATA), MN, ND, NE, OR, SD and WA. (T)

[3] CO, MT, NM, WY - SPUR (T)

[4] AZ, UT - SPUR (T)

(M) Material moved from Page 112.

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1]

(T)

7.4.1 GENERAL

A. Basic Channel Description

There are two channel types available for use: Voice Grade (VG) and Basic Voice (VGB).

1. A Voice Grade Non-Competitive End User Channel Termination (EUCT) is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Voice Grade Non-Competitive EUCT are provided between customer designated premises or between a customer designated premises and a Company Hub. When a Voice Grade Non-Competitive EUCT is ordered to be terminated at a customer's designated Interexchange Carrier's all-digital POP which requires a digital interface level of 1.544 Mbps or higher, the Company will provide the required interface and assess the customer a Voice Grade Non-Competitive EUCT.
2. Basic Voice (VGB) is an untreated transmission facility provided for customers who want the ability to order the equivalent of a cable pair between two designated locations. When VGB is provided with two-wire Non-Competitive EUCT, it is limited to service within a single wire center. When VGB is provided with four-wire Non-Competitive EUCT, service is not restricted to a single wire center.

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)

(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (T)

7.4.1 GENERAL (Cont'd)

B. Technical Specifications Packages

PARAMETER[2,3]	C	1	2	3	4	5	6	7	8	9	10	11	12	B	W
Attenuation															
Distortion	X	X	X	X	X	X	X	X	X	X	X	X	X		X
C-Message Noise	X	X	X	X	X	X	X	X	X	X	X	X	X		X
Echo Control	X	X	X	X		X		X	X			X	X		X
Envelope Delay Distortion	X						X	X	X	X	X	X	X		X
Frequency Shift	X						X	X	X	X	X	X	X		X
Impulse Noise	X					X	X	X	X	X	X	X	X		X
Intermodulation Distortion	X						X	X	X	X	X	X			X

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

[2] C - the desired parameters are selected by the customer from the list of available parameters. (T)

[3] B - Basic Voice channel performance is determined by the basic subscriber loop channel to which it is assigned. No performance guarantees are stated nor implied. (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (T)

7.4.1 GENERAL

B. Technical Specifications Packages (Cont'd)

PARAMETER[2,3]	C	1	2	3	4	5	6	7	8	9	10	11	12	B	W
Loss Deviation	X	X	X	X	X	X	X	X	X	X	X	X	X		X
Phase Hits, Gain Hits, and Dropouts	X														
Phase Jitter	X						X	X	X	X	X	X			X
Signal-to-C Message Noise					X										X
Signal-to-C Notch Noise	X					X	X	X	X	X	X	X	X		X
Three Tone Slope	X	X	X	X	X	X	X	X	X	X	X	X	X		X

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

[2] C - the desired parameters are selected by the customer from the list of available parameters. (T)

[3] B - Basic Voice channel performance is determined by the basic subscriber loop channel to which it is assigned. No performance guarantees are stated nor implied. (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1]

(T)

7.4.1 GENERAL

B. Technical Specifications Packages (Cont'd)

The technical specifications for these parameters (except for dropouts, gain hits, and phase hits) are delineated in Technical Reference TR-NWT-000335 and associated Addendum and are applicable for VGC and VG1 through 12. The technical specifications for dropouts, phase hits, and gain hits are delineated in Technical Reference 41004, Table 4. The technical specifications for VGW are delineated in Technical Reference GR-334-CORE.

Basic Voice (VGB) is only offered on a two point basis without amplification, signaling, transmission enhancements or specified transmission parameters. Interface combinations are limited to 2N02-2N02 and 4N02-4N02 as set forth in Qwest Corporation Technical Publication PUB 77309. Signal power applied to the channel must conform to Technical Reference PUB 41004.

Sealing current will be provided at the Company's option to maintain service at the standards delineated in the appropriate Technical Reference. Sealing current is usually associated with four-wire DA or NO type channel interfaces.

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1]

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7.4.1 GENERAL (Cont'd)

C. Channel Interfaces

The following channel interfaces for Voice Grade Non-Competitive End User Channel Termination (EUCT) do not require signaling capability: DA, DB, DD, DE, DJ, DS, DU, NO, PR, and TF.

The AH channel interface will require signaling capability only when used with any of the channel interfaces in the following paragraph.

The following channel interfaces for Voice Grade Non-Competitive EUCT require signaling capability: AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF. Effective December 15, 2001, AC channel interface for Voice Grade Service is Grandfathered to existing customers.

The following channel interfaces for Voice Grade Non-Competitive EUCT require a four-wire transmission path: CT, EA, EB and EC. A four-wire Non-Competitive EUCT rate element is applicable.

Compatible channel interfaces are set forth in technical publications previously identified.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1]

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7.4.1 GENERAL (Cont'd)

D. Technical Specifications Package Voice Grade

The following table shows the technical specifications packages with which the optional features and functions are available. (See 7.4.4 for service availability in each state.)

PARAMETER	AVAILABLE WITH TECHNICAL SPECIFICATIONS PACKAGE VG-												B	W		
	C	1	2	3	4	5	6	7	8	9	10	11			12	
C-Type Conditioning	X					X	X	X	X	X	X					
Central Office Bridging Capability	X		X			X	X				X	X	X			X
Command A Link	X	X	X	X	X	X	X	X	X	X	X					

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (T)

7.4.1 GENERAL

D. Technical Specifications Package Voice Grade (Cont'd)

PARAMETER	AVAILABLE WITH TECHNICAL SPECIFICATIONS PACKAGE VG-													B	W	
	C	1	2	3	4	5	6	7	8	9	10	11	12			
Customer Specified Premises Levels	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
Data Capability		X						X	X			X				
Data Channel Terminating Equipment		X				X	X	X	[2]			X				
Effective Four-Wire Transmission with Two-Wire POT		X	X	X	X		X		X							

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

[2] VG7 is available only when the customer has specified DCTE Option 1 in conjunction with VG6 and VG7 Customer Requested Loop Back with an interface code of NO. (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1]

(T)

7.4.1 GENERAL

D. Technical Specifications Package Voice Grade (Cont'd)

PARAMETER	AVAILABLE WITH TECHNICAL SPECIFICATIONS PACKAGE VG-												B	W	
	C	1	2	3	4	5	6	7	8	9	10	11			12
Improved Attenuation Distortion	X					X	X	X	X	X	X				
Improved Envelope Delay Distortion	X					X	X	X	X	X	X				
Improved Echo CONTROL ELEPL-2 AT FOUR-WIRE POT	X	X	X	X		X		X							
Improved Return Loss at Two-Wire POT	X		X	X				X							

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (T)

7.4.1 GENERAL

D. Technical Specifications Package Voice Grade (Cont'd)

PARAMETER	AVAILABLE WITH TECHNICAL SPECIFICATIONS PACKAGE VG-												B	W	
	C	1	2	3	4	5	6	7	8	9	10	11			12
Improved Termination	X	X	X	X	X	X	X	X	X	X	X	X	X		
Improved Transmission															X
Signaling Capability	X	X	X	X				X	X	X					X
VG6 and VG7 Customer Requested Loop Back[2]							X	X							

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

[2] Applies to the NO interface only. This option may be used in conjunction with Customer Specified Premises Levels and/or DCTE Option 1. (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (Cont'd)

(T)

7.4.2 OPTIONAL FEATURES AND FUNCTIONS

A. Central Office Bridging Capability

1. Voice Bridging (two-wire and four-wire conference or two-wire bridge lifter)
2. Data Bridging (two-wire and four-wire)
3. *DATAPHONE* Select-A-Station Bridging

DATAPHONE Select-A-Station Bridging is designed for applications in which a master station exchanges voiceband data information with a number of remote stations, one at a time, usually in rapid sequence. Point-to-point voiceband connections are set up between the master station and each remote station to allow this exchange of information. Alternate voice service and dc continuity are not available. The service allows two way transmission between the master station and the remote stations, but no direct transmission is available between remote stations. Communication from the master station to all remote stations simultaneously (broadcast) is not possible. Control signaling is accomplished by frequency division of the channel or by a combination of frequency and time division. No separately ordered channel is required for control signaling. Connection control can be achieved only from the master station. Two connection arrangements are available.

- Sequential arrangement:

The connection sequence of stations is fixed by the initial assignment of the stations to the ports.

- Addressable arrangement:

Allows random station access so that the connection routine can be continuously varied to suit user needs.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1]

(T)

7.4.2 OPTIONAL FEATURES AND FUNCTIONS (Cont'd)

B. Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade services. C-Type conditioning controls Attenuation Distortion and Envelope Delay Distortion.

For two-point services, the parameters apply to each service. For multipoint services, the parameters apply to each mid-link which is not found in this tariff or end-link. C-Type conditioning and Data Capability may be combined on the same service.

If more stringent specifications than those provided by C-Type conditioning are desired, the customer has the option of ordering either Improved Attenuation Distortion or Improved Envelope Delay Distortion, or both, instead of C-Type conditioning.

Additional Technical Specifications governing C-Type conditioning, including Improved Attenuation Distortion and Improved Envelope Delay Distortion are delineated in Technical Reference TR-NWT-000335.

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ACCESS SERVICE**7. PRIVATE LINE TRANSPORT SERVICE****7.4 VOICE GRADE SERVICE[1]**

(T)

7.4.2 OPTIONAL FEATURES AND FUNCTIONS**B. Conditioning (Cont'd)**

1. 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:

**ATTENUATION DISTORTION
(FREQUENCY RESPONSE)
RELATIVE TO 1004 Hz**

FREQUENCY RANGE (Hz)	VARIATION (dB)
504 - 2804	-1.0 to +3.0
304 - 3004	-2.0 to +6.0

ENVELOPE DELAY DISTORTION	
FREQUENCY RANGE (Hz)	VARIATION (MICROSECONDS)
1004 - 2604	500
604 - 2604	1500
504 - 2804	3000

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (T)

7.4.2 OPTIONAL FEATURES AND FUNCTIONS

B. 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	
FREQUENCY RANGE (Hz)	VARIATION (dB)
404 - 2804	-1.0 to +2.0
304 - 3004	-1.0 to +3.0
3004 - 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:

ENVELOPE DELAY DISTORTION	
FREQUENCY RANGE (Hz)	VARIATION (MICROSECONDS)
1004 - 2604	100
804 - 2604	200
604 - 2604	300
504 - 2804	600
504 - 3004	3000

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1]

(T)

7.4.2 OPTIONAL FEATURES AND FUNCTIONS (Cont'd)

C. Customer Specified Premises Levels

The customer may specify both transmit and/or receive levels within ranges as delineated in Technical References GR-334-CORE and TR-NWT-000335. This option applies to customer specified level(s) other than the recommended level(s) shown in the Technical References.

D. Improved Return Loss and Equal Level Echo Path Loss-2

1. Improved Return Loss is available on effective two-wire transmission, at the two-wire point of termination. It provides more stringent echo control specifications. In order for this option to apply, the transmission path must be four-wire at one point of termination and two-wire at the other point of termination. The Improved Return Loss parameters are delineated in Technical Reference TR-NWT-000335.
2. Equal Level Echo Path Loss-2 (ELEPL-2) is available on an effective two-wire transmission at the four-wire point of termination. It provides for more stringent control of echo return loss and singing return loss. In order for this option to apply, the transmission path must be four-wire at one point of termination and two-wire at the other point of termination. The Equal Level Echo Path Loss parameters are delineated in Technical Reference TR-NWT-000335.

E. Data Capability

Data Capability provides transmission characteristics suitable for data communications. Specifically, Data Capability improves the Signal to C-Notched Noise Ratio and intermodulation distortion (not recommended for multipoint services).

The Signal to C-Notched Noise Ratio and intermodulation distortion parameters for Data Capability are delineated in Technical Reference TR-NWT-000335.

When a service equipped with Data Capability is used for voice communications, the quality of the voice transmission may not be satisfactory.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1]

(T)

7.4.2 OPTIONAL FEATURES AND FUNCTIONS (Cont'd)

F. Signaling Capability

Signaling Capability provides for the process by which one customer premises alerts another customer premises on the same service with which it wishes to communicate. This feature provides for the transmission of signaling information. The following signaling types are available: Loop Start, Ground Start, E&M, Single Frequency, Automatic Ringdown, Reverse Batter, and Centrex Signaling.

G. Data Channel Terminating Equipment

Data Channel Terminating Equipment (DCTE) is available for use on four-wire Voice Grade VGC, VG4, VG5, VG6, and VG10 facilities. DCTE is provided whenever the customer specifies a DA interface code. DCTE is customer-powered and reacts to 2713 HZ signal for loopback. This loopback is for the Company's use. Customers may request the following options for DCTE:

1. DCTE Option 1

DCTE Option 1 (i.e. interface code 04DA2.L) provides data equalization with central office powered 2713 Hz tone activated loop back relay. This option ensures service continuity during commercial AC power outages. DCTE Option 1 is available on VGC, VG4, VG5, VG6 and VG10 as set forth in 7.4.1.D.

DCTE Option 1 may be ordered in conjunction with the optional feature VG6 and VG7 Customer Requested Loop Back as set forth in P., following. When DCTE Option 1 is ordered in conjunction with VG6 and VG7 Customer Requested Loop Back, the customer must specify either VG6 or VG7 with a NO interface code as delineated in Qwest Corporation Technical Publication PUB 77310. The DCTE Option 1 monthly rate applies in addition to the VG6 and VG7 Customer Requested Loop Back monthly rate.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (T)

7.4.2 OPTIONAL FEATURES AND FUNCTIONS

G. Data Channel Terminating Equipment (Cont'd)

2. DCTE Option 2

DCTE Option 2 (i.e., interface code 04DA2.D) provides customer powered, customer selectable addressing and testing using a four digit DTMF (Dual Tone Multi-Frequency) code as delineated in Qwest Corporation Technical Publication PUB 77310. DCTE Option 2 is not available with DCTE Option 1 or VG6 and VG7 Customer Requested Loop Back.

H. 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 Company equipment (hybrid) will be required at the customer's designated premises with the two-wire POT. When this option is ordered, a four-wire channel termination charge applies.

I. Improved Transmission

When a customer requests the improved transmission option on a two-wire VGW Channel Termination, the quality of the channel is improved over the standard service (e.g., better attenuation distortion). The parameters are delineated in Technical Reference GR-334-CORE.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1]

(T)

7.4.2 OPTIONAL FEATURES AND FUNCTIONS (Cont'd)

J. Command A Link

This feature allows the customer to control the reconfiguration of a Private Line Transport Service (digital or analog) on a near real-time basis via a digital crossconnect device. Command A Link is available at the following signaling levels:

- 56 kbps - Applicable to Voice Grade and Digital Data Service
- 1.544 Mbps - Applicable to Voice Grade, Digital Data Service and DS1 Service
- 44.736 Mbps - Applicable to Voice Grade, Digital Data Service and DS1 Service and DS3 Service

Command A Link is available only in selected serving wire centers.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (T)

7.4.2 OPTIONAL FEATURES AND FUNCTIONS

J. Command A Link (Cont'd)

1. Command A Link Access Options:

a. Attendant Access

When a customer requests the Company to make changes on their behalf, an Attendant Access charge applies, per transaction requested. Examples of transactions include, but are not limited to the following:

- Each reconfiguration performed, including connecting, disconnecting, or reconnecting each circuit segment. For example, connecting one 9.6 kbps service to another 9.6 kbps service constitutes two (2) transactions.
- A change in the customer's security code.
- Establishing, changing, or removing each scheduled reservation activity.
- A change of a customer's symbolic names or aliases for their circuits.
- Each request for a Command A Link list or report.

b. Web Based Access

Web Based Access is a URL interface which provides access to the Graphical User Interface (GUI). This website allows customers to view their circuits and to reconfigure their services.

There is no additional charge for customers who use Web Based Access.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1]

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7.4.2 OPTIONAL FEATURES AND FUNCTIONS (Cont'd)

K. Improved Termination

This option provides a matching 600 ohm impedance at a four-wire point of termination, an extended range of customer specified levels (-16 to +7 TLP), and simplex reversal (when applicable). This option requires that Company equipment be placed at the customer designated premises. The Improved Termination parameters are delineated in Technical Reference TR-NWT-000335.

L. VG6 and VG7 Customer Requested Loop Back

This option provides the customer the ability to do loop back at 1713, 1913, 2413 and 2713 Hz. This option is available as set forth in 7.4.1.D. This option applies to the NO interface code only. When VG6 and VG7 Customer Requested Loop Back is ordered in conjunction with the optional feature DCTE Option 1 (central office powered loop back as set forth in J., preceding), the customer specifies a NO interface code as delineated in Qwest Corporation Technical Publication PUB 77310. The VG6 and VG7 Customer Requested Loop Back monthly rate applies in addition to the DCTE Option 1 monthly rate. VG6 and VG7 Customer Requested Loop Back may be used in combination with Customer Specified Premises Levels as set forth in B., preceding.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (Cont'd)

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7.4.3 PRICING PLANS

A. Rate Stability Plan

The Rate Stability Plan rates for Special Access Non-Competitive End User Channel Terminations (EUCTs) subject to Section 203 of the Communications Act are filed in this tariff. Other Private Line Transport Service rates included in this plan are not subject to Section 203 and are provided outside of this tariff.

The Voice Grade Rate Stability Plan (VGRSP) allows four-wire Voice Grade customers to stabilize their Channel Termination monthly rate and associated Transport Channel monthly rates for a fixed period of 3 years (36 months), 5 years (60 months) or 7 years (84 months). Additionally, to participate in VGRSP, a minimum number of four-wire Voice Channel Terminations is required for the desired fixed period (except as set forth in C.3., following). The minimum number of four-wire Voice Grade Channel Terminations is 348 for the 36-month fixed period, 383 for the 60-month fixed period and 423 for the 84-month fixed period. The customer must specify the fixed period at the time the service is ordered and must agree to the associated required minimum four-wire Voice Grade Channel Terminations. VGRSP applies only to the Company portion of any circuit jointly provided with another Exchange Telephone Company.

The minimum service period for VGRSP is 12 months. The monthly rates will be stabilized at the rates in effect as of the service date (due date) of the order. At the end of the fixed period, the customer may convert to month-to-month or subscribe to a new fixed period. The recurring rates will be adjusted to the rates in effect for the new VGRSP fixed period. If the customer does not make a choice at the end of the fixed period, the rates will automatically revert to the month-to-month rates in effect at the time of the change.

If the number of Channel Terminations falls below 348, the customer is no longer eligible to participate in VGRSP. Therefore, the monthly rates will revert to the current month-to-month rates in effect and discontinuance charges as described in C., following, or Termination Liability and Waiver Policy, as set forth in 7.1.8, will apply.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1]

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7.4.3 PRICING PLANS

A. Rate Stability Plan (Cont'd)

If the Channel Termination and/or Transport Channel monthly rates decrease during the fixed period of an existing VGRSP, the customer may stay with the existing fixed period and rates or the customer may change to the lower rates by subscribing to a new fixed period which meets or exceeds their current fixed period. Nonrecurring charges and/or discontinuance charges will not apply; however, a new minimum service period will apply.

Additional four-wire Voice Grade Channel Terminations may be added to the existing fixed period at any time at the rates in effect as of the initial service date; appropriate nonrecurring charges will apply.

B. Upgrades in VGRSP

Voice Grade Service rated as month-to-month may be upgraded to VGRSP at any time without incurring nonrecurring charges. Additionally, existing VGRSP customers may upgrade to a new VGRSP fixed period at any time providing the new fixed period is equal to or longer than the current fixed period. Minimum Channel Termination requirements for the new fixed period must be satisfied for all upgrades. Nonrecurring charges and/or discontinuance charges do not apply. The monthly rates will be those in effect at the time the service is upgraded. New minimum service period applies to all upgrades.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1]

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7.4.3 PRICING PLANS (Cont'd)

C. Discontinuance of VGRSP

- 1. If the VGRSP is discontinued prior to the expiration date of the fixed period, discontinuance charges will apply.

For VGRSP discontinued prior to the completion of the minimum service period of 12 months, the discontinuance charge is equal to 100% of the Channel Termination and Transport Channel monthly rates for the remaining months of the minimum service period, plus 14% of the Channel Termination and Transport Channel monthly rates for the remaining months of the fixed period.

For VGRSP discontinued after the completion of the minimum service period, the discontinuance charge is equal to 15% of the Channel Termination and Transport Channel monthly rates for the remaining months of the fixed period.

If a customer with a fixed period of 60 or 84 months falls below the minimum required Channel Terminations of 383 or 423 respectively, but is equal to or greater than the minimum required Channel Terminations for 36- or 60-month fixed periods, the customer may change to the lower fixed period without incurring nonrecurring or discontinuance charges.

For example, a customer with an 84-month fixed period falls below the 423 minimum required number of Channel Terminations but is at or above the 60-month minimum number of 383 Channel Terminations, may change to the 60-month fixed period VGRSP without incurring nonrecurring or discontinuance charges. The monthly rates will be those in effect at the time of the change. New minimum service period will apply. The customer may also discontinue VGRSP, however, the appropriate discontinuance charges will apply.

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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (T)

7.4.3 PRICING PLANS

C. Discontinuance of VGRSP (Cont'd)

2. Discontinuance charges do not apply to VGRSP purchased by local, State or Federal government entities (or to customers who have purchased services solely for resale to local, State or Federal government entities) when they are discontinued prior to the completion of the VGRSP only when all of the following conditions are met:

- The service(s) purchased by the local, State or Federal government entity or by customers who have purchased services for resale to local, State or Federal government entities are utilized solely for provision of services for that local, State or Federal government entity, (M)
- Nonappropriation may not be used as a means of terminating the service to acquire a functionally similar product or service,
- The local, State or Federal government entity ordered the VGRSP under the good faith belief that moneys in amounts sufficient to discharge its obligations could and would lawfully be appropriated and be made available for this purpose and,
- The local, State or Federal government entity, or the customer who ordered the service on their behalf, must provide the Company notarized documents agreed upon by both the Company and the customer, showing that the entity is allotted insufficient funds for the remainder of the then current fiscal period (or for a succeeding fiscal period) by appropriation, appropriation limitation or grant to continue payments under VGRSP and has no other funding source lawfully available to it for such purpose. The VGRSP may be terminated by giving the Company not less than 30 days written notice. Should the customer receive funding for the cancelled service prior to physical disconnect of service, the customer may cancel the disconnect order per Section 5. Upon termination, the local, State or Federal government entity or the customer that ordered the service on their behalf, shall pay all applicable rates and nonrecurring charges of the VGRSP incurred through the date of termination and through the end of the then current fiscal period to the extent of lawfully available funds.

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

(M) Material moved to Page 137.

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE [1] (T)

7.4.3 PRICING PLANS (T)

C.2. Discontinuance of VGRSP (Cont'd) (T)

- Funding for the VGRSP ordered by the authorized local, State or Federal government entity is included in the budget request for each fiscal period appropriation sufficient to cover the authorized local, State or Federal government entity's obligations under the VGRSP for that fiscal period, (M)
- 3. Migration to other Company services will be allowed, without incurring discontinuance charges, providing the following conditions are met: (M)
 - The minimum period must be satisfied,
 - The request for both the disconnect order for the existing service and the new connect order for the new service must be received at the same time and must specifically reference VGRSP migration to other Company services,
 - The request for the disconnect order must reference the new connect order,
 - The due date of the new connect order must be on or prior to the due date of the disconnect order,
 - The VGRSP service being disconnected must migrate, on a circuit equivalent basis, to a new service with a rate plan fixed period that is closest to or greater than the number of months remaining in the VGRSP, and
 - The new service must be provided between the same customer locations and with the same customer of record as the disconnected service.

New minimum service period applies to the new service. The monthly rates for the new service will be those in effect at the time the service is migrated. Nonrecurring charges for the new service will apply. In addition, existing terms and conditions for VGRSP apply to the remaining number of circuits, with the exception of the minimum 348 channel termination requirement.

- [1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

(M) Material moved from Page 136.

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (Cont'd)

(T)

7.4.4 RATES AND CHARGES

	NONRECURRING CHARGE	MONTHLY RATE	
A. Non-Competitive End User Channel Termination (EUCT), per point of termination			
• Standard Voice			
- Two-wire	\$103.00	\$21.47	
- Four-wire	134.00	31.18	
• Basic Voice			
- Two-wire	51.00	28.75	
- Four-wire[2]	51.00	43.00	(T)
• WATS Voice			
- Two-wire	99.00	21.90	
- Four-wire	99.00	41.00	

In lieu of +, substitute the appropriate one letter code from the following list to specify the type of voice service.

VG TYPE	CODE	VG TYPE	CODE
VG-1	G	VG-7	N
VG-2	H	VG-8	O
VG-3	J	VG-9	P
VG-4	K	VG-10	Q
VG-5	L		
VG-6	M	VG-12	S

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)

(N)

[2] ID (Spokane LATA) – SPUR

(T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (T)

7.4.4 RATES AND CHARGES (Cont'd)

	NONRECURRING CHARGE	MONTHLY RATE	
B. Optional Features and Functions			
1. Bridging			
a. Voice Bridging, per port			
• Conference			
- Two-wire	–	\$10.00	
- Four-wire	–	10.00	
• Bridge Lifter			
- Two-wire	–	1.00	
b. Data Bridging, per port[2] (T)			
• Two-wire	–	12.20	
• Four-wire	–	10.00	
c. DATAPHONE Select-A-Station Bridging, per connection[3] (T)			
• Sequential Arrangement Ports			
- Two-wire channel[4]	–	14.60	(T)
- Four-wire channel[2]	–	14.60	(T)

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

[2] ID (Spokane LATA) – SPUR (T)

[3] Grandfathered – Was not available in IA, MN, ND, NE and SD. (T)

[4] CO, ID (Boise LATA) - SPUR (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (T)

7.4.4 RATES AND CHARGES

B. Optional Features and Functions (Cont'd)

	NONRECURRING CHARGE	MONTHLY RATE	
2. Conditioning, per point of termination			
• C-Type	–	\$ 0.10	(T)
• Improved Attenuation Distortion	–	–	
• Improved Envelope Delay Distortion	–	35.00	
3. Customer Specified Level, per point of termination	–	–	
4. Improved Echo Control, per point of termination			
• Improved Return Loss	–	9.00	
• EKEPL	–	9.00	
5. Improved Transmission on VGW, per point of termination			
• Two-wire	–	3.00	
6. Data Capability, per point of termination	–	0.90	

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)
—
(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (T)

7.4.4 RATES AND CHARGES

B. Optional Features and Functions (Cont'd)

	NONRECURRING CHARGE	MONTHLY RATE	
7. Command A Link			
• Per 56 kbps port on digital crossconnect device	\$20.00	\$15.50	
• Per Virtual Port to allow interconnection of two separate customers' circuits	15.00	—	
• Attendant Access, per transaction	30.00	—	
8. Signaling Capability, per point of termination			(M)
• Loop Start			
- Type LA	—	1.00	
- Type LB	—	1.00	
- Type LC	—	1.00	
- Type LO	—	1.00	
- Type LS	—	0.90	(M)

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

(M) Material moved from Page 143.

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (T)

7.4.4 RATES AND CHARGES

B. Optional Features and Functions

	NONRECURRING CHARGE	MONTHLY RATE	
8. Signaling Capability, per point of termination (Cont'd)			(T) (M)
• Ground Start			
- Type GO	-	\$ 1.00	(T)
- Type GS	-	0.90	
• E&M Signaling			
- Type EA	-	8.00	
- Type EB	-	8.00	
- Type EC	-	8.00	
- Type EX	-	7.00	
• Single Frequency	-	23.00	
- Type SF	-	8.00	(T)
• Manual Ringdown[2]	-	10.00	(T)
• Automatic Ringdown	-	10.88	
• Reverse Battery	-	10.00	
• Duplex Signaling			
- Type DX	-	6.00	
- Type DY	-	6.00	
• Centrex Signaling[3]	-	1.00	(T)

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

[2] Effective December 15, 2001, manual ringdown is Grandfathered to existing customers. (T)

[3] ID (Spokane LATA) - SPUR. (T)

(M) Material moved to Page 142.

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (T)

7.4.4 RATES AND CHARGES

B. Optional Features and Functions (Cont'd)

	NONRECURRING CHARGE	MONTHLY RATE	
9. Effective Four-wire transmission with Two-wire interface, per point of termination	-	\$7.00	
10. Data Channel Terminating Equipment[2]			(T)
• Option 1 - Central Office Powered Data Equalization with 2713 Hz tone[3]	-	3.00	(T)
• Option 2 - Customer Powered DTMF	-	4.38	

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

[2] No nonrecurring charge applies if installed at the time of the initial installation of the facility. If ordered subsequently, apply charges found in 7.1.1.A., preceding. (T)

[3] May be used with VG6 and VG7 Customer Requested Loop Back option. (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

77.4 VOICE GRADE SERVICE[1] (T)

7.4.4 RATES AND CHARGES

B. Optional Features and Functions (Cont'd)

	NONRECURRING CHARGE	MONTHLY RATE	
11. Improved Termination, per point of termination	-	\$ 4.00	(T)
12. VG6 and VG7 Customer Requested Loop Back, per point of termination[2]			(T)
• 1713 Hz	-	24.25	
• 1913 Hz	-	24.25	
• 2413 Hz	-	20.00	
• 2713 Hz	-	20.00	

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

[2] This option can be used in combination with DCTE Option 1 and Customer Specified Levels. (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (T)

7.4.4 RATES AND CHARGES (Cont'd)

C. Rate Stability Plan Rate Schedules

1. 36 Months

MONTHLY
 RATE

a. Non-Competitive End User
 Channel Termination (EUCT),
 of termination[2]

(T)

- Four-wire

\$27.25

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)

(N)

[2] Nonrecurring charges for the Non-Competitive EUCT are found in A. Rates and Charges for Optional Features and Functions are found in B., preceding.

(T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (T)

7.4.4 RATES AND CHARGES

C. Rate Stability Plan Rate Schedules (Cont'd)

2. 60 Months

MONTHLY
RATE

a. Non-Competitive End User Channel Termination (EUCT), per point of termination[2] (T)

• Four-wire \$27.25

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

[2] Nonrecurring charges for the Non-Competitive EUCT are found in A. Rates and Charges for Optional Features and Functions are found in B, preceding. (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.4 VOICE GRADE SERVICE[1] (T)

7.4.4 RATES AND CHARGES

C. Rate Stability Plan Rate Schedules (Cont'd)

3. 84 Months

MONTHLY
RATE

a. Non-Competitive End User
Channel Termination (EUCT),
per point of termination[2] (T)

- Four-wire

\$27.25

[1] Effective February 1, 2020, Voice Grade Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

[2] Nonrecurring charges for the Non-Competitive EUCT are found in A. Rates and Charges for Optional Features and Functions are found in B, preceding. (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.5 AUDIO SERVICE[1] (T)

7.5.1 GENERAL

A. Basic Channel Description

An Audio Service Non-Competitive End User Channel Termination (EUCT) is a channel measured in Hz for the transmission of a complex signal voltage. The actual bandwidth is a function of the channel interface selected by the customer. Only one-way transmission is provided. Audio channels are provided between customer designated premises or between a customer designated premises and a Company Hub.

B. Technical Specifications Packages

PARAMETER	C	PACKAGE AP-			
		1	2	3	4
Actual Measured Loss	X	X	X	X	X
Amplitude Tracking	X				
Crosstalk	X	X	X	X	X
Distortion Tracking	X				
Gain/Frequency Distortion	X	X	X	X	X
Group Delay	X				
Noise	X	X	X	X	X
Phase Tracking	X				
Short-Term Gain Stability	X				
Short-Term Loss	X				
Total Distortion	X	X	X	X	X

The technical specifications are delineated in Qwest Corporation Technical Publication PUB 77308.

C. Channel Interfaces

Channel Interfaces (CIs) define the bandwidths that are available for an Audio channel.

Compatible channel interfaces are set forth in the technical reference specified in B., preceding.

- [1] Effective February 1, 2020, Audio Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.5 AUDIO SERVICE[1] (Cont'd)

(T)

7.5.2 OPTIONAL FEATURES AND FUNCTIONS

A. Features

1. Central Office Bridging Capability

Distribution Amplifier

2. Gain Conditioning

Control of 1004 Hz AML at initiation of service to $0\text{db} \pm 0.5\text{ dB}$.

3. Stereo

Provision of a pair of gain/phase equalized channels for stereo applications. (Additional AP channel must be ordered separately.)

4. Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their Private Line Transport channel(s). The arrangement can be utilized to transfer a leg of a Private Line Transport Service to another channel that terminates in either the same or a different customer designated premises. A key activated control channel may be used to operate the transfer arrangement and will be rated as a Low Speed Data Service. The key will be located at the customer's premises and will be provided by the customer.

[1] Effective February 1, 2020, Audio Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)

(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.5 AUDIO SERVICE[1]

(T)

7.5.2 OPTIONAL FEATURES AND FUNCTIONS (Cont'd)

B. The following table shows the technical specifications packages with which the optional features and functions are available.

	AVAILABLE WITH TECHNICAL SPECIFICATIONS PACKAGE AP-				
	C	1	2	3	4
Central Office Bridging Capability	X	X	X	X	X
Gain Conditioning	X	X	X	X	X
Stereo	X				X
Transfer Arrangement	X	X	X	X	X

[1] Effective February 1, 2020, Audio Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)
 |
 (N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.5 AUDIO SERVICE[1] (Cont'd)

(T)

7.5.3 RATES AND CHARGES

A. Non-Competitive End User Channel Termination (EUCT), per point of termination

	NON- RECURRING CHARGE	DAILY RATE	MONTHLY RATE
• 200 to 3,500 Hz	\$285.00	\$3.00	\$19.00
• 100 to 5,000 Hz	330.00	3.00	29.50
• 50 to 8,000 Hz	330.00	3.00	33.00
• 50 to 15,000 Hz	330.00	4.50	41.80

[1] Effective February 1, 2020, Audio Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)

(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.5 AUDIO SERVICE[1] (T)

7.5.3 RATES AND CHARGES (Cont'd)

	NONRECURRING CHARGE	DAILY RATE	MONTHLY RATE	
C. Optional Features and Functions				
1. Bridging, per port				
• Distribution Amplifier[2]	–	\$0.65	\$6.00	(T)
2. Gain Conditioning, per service	\$37.00	0.75	3.42	
3. Stereo, per service	32.00	1.50	1.10	
4. Transfer Arrangement (key activated[3])				(T)
• Per four port arrangement including control channel termination[4]	22.00	1.50	2.00	(T)

[1] Effective February 1, 2020, Audio Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

[2] OR- SPUR. (T)

[3] The key activated control channel is rated as a Low Speed Data Channel Termination and Transport Channel, if applicable. (T)

[4] A Channel Termination Charge will not apply for the connection of two arrangements within the same serving wire center. One control channel can operate Multiple Transfer Arrangements in the same serving wire center, on the same service. (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.6 BROADCAST VIDEO SERVICE[1]

(T)

7.6.1 GENERAL

A. Basic Channel Description

A Broadcast Video Non-Competitive End User Channel Termination (EUCT) is a channel with one-way transmission capability for a standard 525 - line/60 - field monochrome, or National Television Systems Committee color, video signal with no audio (2TV6-0) or one, two, three or four associated 15 kHz audio signals. Video channels with one and two audio signals (2TV6-1, 2TV6-2) are diplexed at a video channel bandwidth of 30 Hz to 6.6 MHz. Diplexed means video and audio signals are provided on the same facility or transmitted over the same facility. Non-diplexed means video and audio signals are provided on separate transmission facilities.

Video channels with one, two, three or four audio signals (4TV6-15A, 6TV6-15A, 8TV6-15A, 10TV6-15A) are non-diplexed at a video channel bandwidth of 30 Hz to 4.2 MHz. The provision and the bandwidth of the associated audio signal(s) is a function of the channel interface selected by the customer. Broadcast Video channels are provided between customer designated premises or between a customer designated premises and a Company Hub.

[1] Effective February 1, 2020, Broadcast Video Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)
|
(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.6 BROADCAST VIDEO SERVICE[1]

(T)

7.6.1 GENERAL (Cont'd)

B. Technical Specifications Packages

PARAMETER	PACKAGE TV- 1
Amplitude vs. Frequency Response	X
Chrominance/Luminance Inequalities	
• Gain	X
• Delay	X
Chrominance/Luminance	
Intermodulation	X
Chrominance Nonlinear Gain	X
Chrominance Nonlinear Phase	X
Crosstalk	X
Differential Gain	X
Differential Phase	X
Dynamic Gain (picture and sync signal)	X
Field-Time Distortion	X
Gain/Frequency Distortion	X
Gain Stability	X
Insertion Gain	X
Line-Time Distortion	X
Long-Time Distortion	X
Luminance Nonlinearity	X
Luminance Signal/CCIR Weighted Noise	X
Short-Time Distortion	
• 2 T Pulse	X
• T - Bar Ringing	X

[1] Effective February 1, 2020, Broadcast Video Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)

(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.6 BROADCAST VIDEO SERVICE[1]

(T)

7.6.1 GENERAL

B. Technical Specifications Packages (Cont'd)

PARAMETER	PACKAGE TV- 1
Signal/15 kHz Flat Weighted Noise	X
Signal/Low Frequency Noise (0-10 kHz)	X
Stereo Gain Difference	X
Stereo Phase Difference	X
Total Harmonic Distortion	X
Transient Sync Signal Non-Linearity	X
Video/Audio Delay Difference	X

The technical specifications are delineated in Technical Reference GR-338-CORE.

C. Channel Interfaces

Channel interfaces (CIs) define the bandwidth and the provision of the audio signal(s) associated with a Broadcast Video channel. The compatible channel interfaces are set forth in the technical reference document.

D. Availability of Service

Broadcast Video service is provided where facilities are available. Where facilities are not available, Special Construction, as set forth in CenturyLink Operating Companies Tariff F.C.C. No. 12, may apply.

[1] Effective February 1, 2020, Broadcast Video Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)
 |
 (N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.6 BROADCAST VIDEO SERVICE[1] (Cont'd)

(T)

7.6.2 PRICING PLANS

A. Daily and Monthly Service Rate Plans

Daily and Monthly Service Rate Plans are only available where facilities exist. No minimum service period will apply to these plans.

B. Fixed Period Service Rate Plans

The Fixed Period Rate Plan rates for Special Access Non-Competitive End User Channel Terminations (EUCTs) subject to Section 203 of the Communications Act are filed in this tariff. Other Private Line Transport Service rates included in this plan are not subject to Section 203 and are provided outside of this tariff.

Broadcast Video may be ordered at the customer's option with a Video Service Pricing Plan fixed period of 12, 36 or 60 months. The minimum service period for fixed period service is 12 months. The customer must specify the length of the fixed period service at the time the service is ordered.

For customers who subscribe to fixed period service of 12, 36 or 60 months, the monthly rates for the entire fixed period will be frozen from Company-initiated increases or decreases, at the rates in effect for the fixed period on the service date.

All Broadcast Video rate elements included in a fixed period service must be ordered under the same term conditions (e.g., all 36-month or all 60-month) and with the same negotiated service date.

At the end of the fixed period service, the customer may convert to month-to-month or subscribe to a new fixed period service. The monthly rates will be adjusted to those in effect for the new fixed period service. If the customer does not make a choice by the end of the fixed period, the rates will automatically revert to the month-to-month option.

[1] Effective February 1, 2020, Broadcast Video Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)

(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.6 BROADCAST VIDEO SERVICE[1]

(T)

7.6.2 PRICING PLANS (Cont'd)

(D)

C. Upgrades in Rate Plans

Services rated under the month-to-month plan or an existing fixed period service rate plan may be upgraded to a new fixed period service rate plan at any time the customer chooses without incurring nonrecurring or discontinuance charges. Additionally, the new fixed period service rate plan must meet or exceed the fixed period service rate plan being upgraded. For example, a 36-month fixed period service may be upgraded to a new 36-month, or longer, fixed period service. The monthly rates will be those that are in effect at the time the service is upgraded.

New minimum service period applies to all Broadcast Video rate elements that are upgraded in the following manner:

- If the service being upgraded has been in place for more than 12 months, minimum period provisions will not apply, or
- If the service being upgraded has been in place for less than 12 months, the time in service will be applied against the minimum period term.

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(N)

(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.6 BROADCAST VIDEO SERVICE[1]

(T)

7.6.2 PRICING PLANS (Cont'd)

D. Discontinuance of Service

- 1. If the customer chooses to discontinue the service prior to the expiration of the fixed period service, discontinuance charges will apply.

If the customer discontinues fixed period service prior to the completion of the minimum service period, discontinuance charges will apply. Discontinuance charges equal to 100% of the total monthly rates for the remaining months of the minimum service period, plus 50% of the total monthly rates for the remaining portion of the fixed period service will apply. For Broadcast Video customers who subscribe to the 12-month fixed period service rate plan but discontinue the service prior to the completion of 12 months, discontinuance charges equal to 100% of the total monthly rate for the remaining months of the fixed period will apply.

If the customer discontinues fixed period service after the minimum service period but before the completion of the fixed period service, discontinuance charges will apply. Discontinuance charges equal to 50% of the total monthly rates for the remaining portion of the fixed period service will apply. For example, a customer discontinues the service after 33 months of a 60-month fixed period service the discontinuance charges would be 0.50 times 27 months times the monthly rates for that service.

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(N)
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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.6 BROADCAST VIDEO SERVICE[1]

(T)

7.6.2 PRICING PLANS

D. Discontinuance of Service (Cont'd)

- 2. Discontinuance charges do not apply to fixed period services purchased by local, State or Federal government entities, or customers who have purchased services solely for resale to those entities, when they are discontinued prior to the completion of the fixed period service only when all of the following conditions are met:
 - The service(s) purchased by the local, State or Federal government entity or by customers who have purchased services for resale to local, State or Federal government entities are utilized solely for provision of services for that local, State or Federal government entity,
 - Funding for the fixed period service ordered by the authorized local, State or Federal government entity is included in the budget request for each fiscal period appropriation sufficient to cover the authorized local, State or Federal government entity's obligations under the fixed period service for that fiscal period,
 - Nonappropriation may not be used as a means of terminating the service to acquire a functionally similar product or service,
 - The local, State or Federal government entity ordered the fixed period service under the good faith belief that moneys in amounts sufficient to discharge its obligations could and would lawfully be appropriated and be made available for this purpose and,

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(N)
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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.6 BROADCAST VIDEO SERVICE[1]

(T)

7.6.2 PRICING PLANS

D.2. Discontinuance of Service (Cont'd)

- The local, State or Federal government entity or the customer who ordered the service on their behalf, must provide the Company notarized documents agreed upon by both the Company and the customer, showing that the entity is allotted insufficient funds for the remainder of the then current fiscal period (or for a succeeding fiscal period) by appropriation, appropriation limitation or grant to continue payments under the fixed period service and has no other funding source lawfully available to it for such purpose. The fixed period service may be terminated by giving the Company not less than 30 days written notice. Should the customer receive funding for the canceled service prior to physical disconnect of service, the customer may cancel the disconnect order per Section 5. Upon termination, the local, State or Federal government entity or the customer who ordered the service on their behalf, shall pay all applicable rates and nonrecurring charges of the fixed period service incurred through the date of termination and through the end of the then current fiscal period to the extent of lawfully available funds.

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(N)

(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.6 BROADCAST VIDEO SERVICE[1] (Cont'd) (T)

7.6.3 RATES AND CHARGES

A. Monthly and Daily

	DAILY RATE[2]	MONTHLY RATE	(T)
1. Non-Competitive End User Channel Termination (EUCT), per point of termination			
• Video channel with zero audio, 2TV6-0	\$217.00	\$302.00	
• Video channel diplexed with one audio, 2TV6-1	217.00	304.00	
• Video channel, diplexed with two audio, 2TV6-2	217.00	304.00	
• Video channel, non-diplexed with one audio, 4TV6-15A	232.00	339.00	

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[2] Daily rates will be topped at an amount that will not exceed the monthly rate. For each consecutive day or part day of usage after the day the daily rates have been topped, a charge equal to 1/30th of the topped (monthly) rate will apply. For example, the applicable daily rates for three consecutive days for a 2TV6-1 video channel (2 channel terminations) diplexed with one audio and no transport channel would be: \$434.00 (\$217.00 x 2) for the daily rate for Day 1, the daily rate for Day 2 is \$174.00 [\$608.00 (\$304.00 x 2) - \$434.00 = \$174.00] and the daily rate for Day 3 (through Day 30) is \$20.27 (\$608.00/30). (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.6 BROADCAST VIDEO SERVICE[1] (T)

7.6.3 RATES AND CHARGES

A. Monthly and Daily

1. Non-Competitive End User Channel Termination (EUCT), per point of termination (Cont'd)

	DAILY RATE[2]	MONTHLY RATE	(T)
• Video channel non-diplexed with two audio, 6TV6-15A	\$232.00	\$339.00	
• Video channel non-diplexed with three audio, 8TV6-15A	233.00	343.00	
• Video channel, non-diplexed with four audio, 10TV6-15A	233.00	343.00	
		NONRECURRING CHARGE	
• Per Non-Competitive EUCT, per point of termination			
- First		\$497.00	
- Each Additional		442.00	

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[2] Daily rates will be topped at an amount that will not exceed the monthly rate. For each consecutive day or part day of usage after the day the daily rates have been topped, a charge equal to 1/30th of the topped (monthly) rate will apply. For example, the applicable daily rates for three consecutive days for a 2TV6-1 video channel (2 channel terminations) diplexed with one audio and no transport channel would be: \$434.00 (\$217.00 x 2) for the daily rate for Day 1, the daily rate for Day 2 is \$174.00 [\$608.00 (\$304.00 x 2) - \$434.00 = \$174.00] and the daily rate for Day 3 (through Day 30) is \$20.27 (\$608.00/30). (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.6 BROADCAST VIDEO SERVICE[1]

(T)

7.6.3 RATES AND CHARGES (Cont'd)

B. 12 months

	MONTHLY RATE
1. Non-Competitive End User Channel Termination (EUCT), per point of termination	
• Video channel with zero audio, 2TV6-0	\$287.00
• Video channel diplexed with one audio, 2TV6-1	289.00
• Video channel, diplexed with two audio, 2TV6-2	289.00
• Video channel, non-diplexed with one audio, 4TV6-15A	322.00
• Video channel non-diplexed with two audio, 6TV6-15A	322.00
• Video channel non-diplexed with three audio, 8TV6-15A	326.00
• Video channel, non-diplexed with four audio, 10TV6-15A	326.00

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(N)

(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.6 BROADCAST VIDEO SERVICE[1]

(T)

7.6.3 RATES AND CHARGES

B.1. 12 months (Cont'd)

NONRECURRING
CHARGE

- Per Non-Competitive End User Channel Termination (EUCT),
per point of termination
 - First \$497.00
 - Each Additional 442.00

[1] Effective February 1, 2020, Broadcast Video Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.6 BROADCAST VIDEO SERVICE[1] (T)

7.6.3 RATES AND CHARGES (Cont'd)

C. 36 months

	MONTHLY RATE
1. Non-Competitive End User Channel Termination (EUCT), per point of termination	
• Video channel with zero audio, 2TV6-0	\$272.00
• Video channel diplexed with one audio, 2TV6-1	274.00
• Video channel, diplexed with two audio, 2TV6-2	274.00
• Video channel, non-diplexed with one audio, 4TV6-15A	305.00
• Video channel non-diplexed with two audio, 6TV6-15A	305.00
• Video channel non-diplexed with three audio, 8TV6-15A	309.00
• Video channel, non-diplexed with four audio, 10TV6-15A	309.00

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(N)
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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.6 BROADCAST VIDEO SERVICE[1]

(T)

7.6.3 RATES AND CHARGES

C.1. 36 months (Cont'd)

NONRECURRING
CHARGE

- Per Non-Competitive End User Channel Termination (EUCT),
per point of termination
 - First \$497.00
 - Each Additional 442.00

[1] Effective February 1, 2020, Broadcast Video Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.6 BROADCAST VIDEO SERVICE[1]

(T)

7.6.3 RATES AND CHARGES (Cont'd)

D. 60 months

	MONTHLY RATE
1. Non-Competitive End User Channel Termination (EUCT), per point of termination	
• Video channel with zero audio, 2TV6-0	\$257.00
• Video channel diplexed with one audio, 2TV6-1	259.00
• Video channel, diplexed with two audio, 2TV6-2	259.00
• Video channel, non-diplexed with one audio, 4TV6-15A	288.00
• Video channel non-diplexed with two audio, 6TV6-15A	288.00
• Video channel non-diplexed with three audio, 8TV6-15A	292.00
• Video channel, non-diplexed with four audio, 10TV6-15A	292.00

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(N)

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.6 BROADCAST VIDEO SERVICE[1]

(T)

7.6.3 RATES AND CHARGES (Cont'd)

D.1.60 months (Cont'd)

NONRECURRING
CHARGE

- Per Non-Competitive End User Channel Termination (EUCT),
per point of termination
 - First \$497.00
 - Each Additional 442.00

[1] Effective February 1, 2020, Broadcast Video Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1]

(T)

7.10.1 GENERAL

A. Basic Channel Description

A Digital Data Service (DDS) Non-Competitive End User Channel Termination (EUCT) is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56 or 64 kbps. Subrated DS0 Service is also available. The channel provides a synchronous service with timing provided by the Company through the Company's facilities to the customer in the received bit stream.

Digital Data Service 2.4, 4.8, 9.6, 19.2 or 56 kbps channels are provided between two or more customer designated premises or between a customer designated premises and a Company Hub. A 64 kbps channel is provided between two customer designated premises or between a customer designated premises and a Company Hub.

64 kbps Service (DA6) is based on a 56 kbps channel equipped with Secondary Channel and with zero code suppression disabled. The service must be designed in accordance with Qwest Corporation Technical Publications PUB 77204 and 77312.

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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1]

(T)

7.10.1 GENERAL (Cont'd)

B. Technical Specifications Packages

PARAMETER	PACKAGE DA-					
	1	2	3	4	5	6
Error-Free Seconds	X	X	X	X	X	X

The Company will provide a channel capable of meeting a monthly average performance as delineated in Qwest Corporation Technical Publication PUB 77312 while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Qwest Corporation Technical Publication PUB 77312.

Voltages which are compatible with Digital Data Service channels are delineated in Qwest Corporation Technical Publication PUB 77312.

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 (N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1]

(T)

7.10.1 GENERAL (Cont'd)

C. Channel Interfaces

The channel interfaces (CIs), without Channel Service Unit, define the bit rates that are available for a Digital Data Service channel.

Compatible channel interfaces are set forth in Qwest Corporation Technical Publications 77204 and 77312.

7.10.2 OPTIONAL FEATURES AND FUNCTIONS

A. Central Office Bridging Capability

This optional feature connects three or more customer designated premises. It is not available with 64 kbps or Subrated DS0.

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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1]

(T)

7.10.2 OPTIONAL FEATURES AND FUNCTIONS (Cont'd)

B. Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their Private Line Transport channel(s). The arrangement can be utilized to transfer a leg of a Private Line Transport Service to another channel that terminates in either the same or a different customer designated premises. A key activated control channel may be used to operate the transfer arrangement and will be rated as a Low Speed Data Service. The key will be located at the customer's premises and will be provided by the customer.

C. Secondary Channel

This option provides an independent lower-data rate channel that the customer may use to control or monitor their own network. The specific application is dependent on the customer provided equipment. This enhancement is available with 2.4, 4.8, 9.6, 19.2 and 56 kbps on two-point and multipoint arrangements. The control leg of a multipoint 56 kbps circuit with Secondary Channel requires a DS1 Service optioned for Clear Channel Capability.

Customer provided equipment interfacing with Secondary Channel service arrangements must be designed in accordance with Qwest Corporation Technical Publications PUB 77204 and 77312.

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(N)

(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1]

(T)

7.10.2 OPTIONAL FEATURES AND FUNCTIONS (Cont'd)

D. Command A Link

This feature allows the customer to control the reconfiguration of a Private Line Transport Service (digital or analog) on a near real-time basis via a digital crossconnect device. Command A Link is available at the following signaling levels:

- 56 kbps - Applicable to Voice Grade and Digital Data Service
- 1.544 Mbps - Applicable to Voice Grade, Digital Data Service and DS1 Service
- 44.736 Mbps - Applicable to Voice Grade, Digital Data Service and DS1 Service and DS3 Service

Command A Link is available only in selected serving wire centers.

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(N)

(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1] (T)

7.10.2 OPTIONAL FEATURES AND FUNCTIONS

D. Command A Link (Cont'd)

1. Command A Link Access Options:

a. Attendant Access

When a customer requests the Company to make changes on their behalf, an Attendant Access charge applies, per transaction requested. Examples of transactions include, but are not limited to the following:

- Each reconfiguration performed, including connecting, disconnecting, or reconnecting each circuit segment. For example, connecting one 9.6 kbps service to another 9.6 kbps service constitutes two (2) transactions.
- A change in the customer's security code.
- Establishing, changing, or removing each scheduled reservation activity.
- A change of a customer's symbolic names or aliases for their circuits.
- Each request for a Command A Link list or report.

b. Web Based Access

Web Based Access is a URL interface which provides access to the Graphical User Interface (GUI). This website allows customers to view their circuits and to reconfigure their services.

There is no additional charge for customers who use Web Based Access.

E. Direct Digital Access Line (DDAL)

This option provides the addition of supervisory signaling to a full duplex four-wire 56 kbps two-point channel for use with a public switched digital service (PSDS).

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1]

(T)

7.10.2 OPTIONAL FEATURES AND FUNCTIONS (Cont'd)

F. Technical Specifications Packages for Optional Features and Functions

	AVAILABLE WITH TECHNICAL SPECIFICATIONS PACKAGE DA-					
	1	2	3	4	5	6
• Central Office Bridging Capability	X	X	X	X	X	
• Transfer Arrangement	X	X	X	X	X	
• Secondary Channel	X	X	X	X	X	
• Command A Link	X	X	X	X	X	
• Direct Digital Access Line				X		

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 (N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1] (Cont'd)

(T)

7.10.3 PRICING PLANS

The Variable Term Pricing Plan is available as specified in 7.1.3.

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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1] (Cont'd)

(T)

7.10.4 RATES AND CHARGES

A. Monthly

	NONRECURRING CHARGE	MONTHLY RATE
1. Non-Competitive End User Channel Termination (EUCT), per point of termination		
• 2.4 kbps	\$124.24	\$68.00
• 4.8 kbps	125.00	68.00
• 9.6 kbps	124.40	68.00
• 19.2 kbps	125.00	70.00
• 56 kbps	124.48	70.00
• 64 kbps	124.50	70.00

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(N)
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 (N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1] (T)

7.10.4 RATES AND CHARGES

A. Monthly (Cont'd)

	NONRECURRING CHARGE	MONTHLY RATE	
2. Optional Features and Functions			
a. Bridging, per port	-	\$ 7.50	
b. Transfer Arrangement (key activated[2 3]), per four port arrangement including control channel termination	-	25.00	(T)

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[2] The key activated control channel is rated as a Low Speed Data Channel Termination and Transport Channel, if applicable. (T)

[3] A Channel Termination Charge will not apply for the connection of two arrangements within the same serving wire center. One control channel can operate Multiple Transfer Arrangements in the same serving wire center. (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1] (T)

7.10.4 RATES AND CHARGES

- A. Monthly
- 2. Optional Features and Functions (Cont'd)

	NONRECURRING CHARGE	MONTHLY RATE	
c. Secondary Channel, per point of termination[2]	\$100.00	\$ 3.32	(T)

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[2] The nonrecurring charge applies when this feature is ordered subsequent to the initial installation of service. (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1]

(T)

7.10.4 RATES AND CHARGES

A. Monthly

2. Optional Features and Functions (Cont'd)

	NONRECURRING CHARGE	MONTHLY RATE
d. Command A Link		
• Per 56 kbps port on digital cross-connect device	\$25.00	\$15.50
• Per Virtual Port to allow interconnection of two separate customers' circuits	15.00	–
• Attendant Access, per transaction	30.00	–
e. Direct Digital Access Line, per two-point 56 kbps circuit	12.00	7.50

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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1]

(T)

7.10.4 RATES AND CHARGES (Cont'd)

B. 12 Months

	NONRECURRING CHARGE	MONTHLY RATE
1. Non-Competitive End User Channel Termination (EUCT), per point of termination		
• 56 kbps	\$124.48	\$68.00
• 64 kbps	124.50	68.00

[1] Effective February 1, 2020, Digital Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)
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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1]

(T)

7.10.4 RATES AND CHARGES

B. 12 Months (Cont'd)

	NONRECURRING CHARGE	MONTHLY RATE
2. Optional Features and Functions		
Bridging, per port	-	\$7.25

[1] Effective February 1, 2020, Digital Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1] (Cont'd)

(T)

7.10.4 RATES AND CHARGES

C. 24 Months

	NONRECURRING CHARGE	MONTHLY RATE
1. Non-Competitive End User Channel Termination (EUCT), per point of termination		
• 56 kbps	\$124.48	\$66.00
• 64 kbps	124.50	66.00

[1] Effective February 1, 2020, Digital Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1]

(T)

7.10.4 RATES AND CHARGES

C. 24 Months (Cont'd)

	NONRECURRING CHARGE	MONTHLY RATE
2. Optional Features and Functions		
Bridging, per port	-	\$7.00

[1] Effective February 1, 2020, Digital Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1]

(T)

7.10.4 RATES AND CHARGES (Cont'd)

D. 36 Months

	NONRECURRING CHARGE	MONTHLY RATE
1. Non-Competitive End User Channel Termination (EUCT), per point of termination		
• 2.4 kbps	\$124.24	\$61.20
• 4.8 kbps	125.00	61.20
• 9.6 kbps	124.40	61.20
• 19.2 kbps	125.00	63.00

[1] Effective February 1, 2020, Digital Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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 (N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1]

(T)

7.10.4 RATES AND CHARGES

D.1 36 Months (Cont'd)

	NONRECURRING CHARGE	MONTHLY RATE
• 56 kbps	\$124.48	\$63.00
• 64 kbps	124.50	63.00

[1] Effective February 1, 2020, Digital Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1]

(T)

7.10.4 RATES AND CHARGES

D. 36 Months (Cont'd)

	NONRECURRING CHARGE	MONTHLY RATE
2. Optional Features and Functions		
a. Bridging, per port	-	\$ 6.75

[1] Effective February 1, 2020, Digital Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1]

(T)

7.10.4 RATES AND CHARGES (Cont'd)

E. 60 Months

	NONRECURRING CHARGE	MONTHLY RATE
1. Non-Competitive End User Channel Termination (EUCT), per point of termination		
• 2.4 kbps	\$124.24	\$54.40
• 4.8 kbps	125.00	54.40
• 9.6 kbps	124.40	54.40
• 19.2 kbps	125.00	56.00

[1] Effective February 1, 2020, Digital Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)
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 (N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1]

(T)

7.10.4 RATES AND CHARGES

E. 60 Months

1. Non-Competitive End User Channel Termination (EUCT), per point of termination (Cont'd)

	NONRECURRING CHARGE	MONTHLY RATE
• 56 kbps	\$124.48	\$56.00
• 64 kbps	124.50	56.00

[1] Effective February 1, 2020, Digital Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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 (N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.10 DIGITAL DATA SERVICE[1]

(T)

7.10.4 RATES AND CHARGES

E. 60 Months (Cont'd)

	NONRECURRING CHARGE	MONTHLY RATE
2. Optional Features and Functions		
a. Bridging, per port	-	\$ 6.00

[1] Effective February 1, 2020, Digital Data Service is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)
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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.13 SIMULTANEOUS VOICE DATA SERVICE (SVDS)[1]

(T)

7.13.1 GENERAL

A. Description

Simultaneous Voice Data Service (SVDS) is a two-point or multipoint Non-Competitive End User Channel Termination (EUCT) channel for the transport of full-duplex, asynchronous or synchronous digital data, at speeds of 2.4, 4.8, 9.6 or 19.2 kbps. The actual bit rate is a function of the channel interface selected by the customer. An SVDS Non-Competitive EUCT is provided as a derived channel of a customer's intraexchange voice grade service loop facility where suitable facilities are available subject to the transmission limitations of the facilities and equipment used by the Company. The customer may transmit data over the SVDS channel simultaneously with a voice transmission. The Company will identify approved equipment for use in conjunction with Company provided equipment. The customer must provide a data voice multiplexer to be located at their premises from the approved equipment as set forth in Qwest Corporation Technical Publication PUB 77331.

SVDS is provided as a derived channel of a local exchange service where suitable intraexchange voice grade service loop facilities are available subject to the transmission limitations of the facilities and equipment used by the Company. SVDS is provided between customer designated premises or between a customer designated premises and a Company Serving Wire Center equipped with SVDS compatible equipment and where provisioning parameters are met as set forth in Qwest Corporation Technical Publication PUB 77331.

B. Technical Specifications

The technical specifications for the customer-provided data voice multiplexer are set forth in Qwest Corporation Technical Publication PUB 77331.

[1] Effective February 1, 2020, Simultaneous Voice Data Service (SVDS) is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)

(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.13 SIMULTANEOUS VOICE DATA SERVICE (SVDS)[1] (Cont'd)

(T)

7.13.2 OPTIONAL FEATURES AND FUNCTIONS

Only those Optional Features and Functions listed below are available with SVDS.

A. Central Office Bridging Capability

This optional feature connects three or more customer designated premises within an SVDS equipped serving wire center. On a multipoint circuit which combines SVDS and Digital Data Service, bridging for the Digital Data Service must be done in a Digital Data Hub. SVDS can be bridged in an SVDS equipped Company wire center.

[1] Effective February 1, 2020, Simultaneous Voice Data Service (SVDS) is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.13 SIMULTANEOUS VOICE DATA SERVICE (SVDS)[1] (Cont'd)

(T)

7.13.3 PRICING PLANS

SVDS may be ordered at the customer's option on a month-to-month basis or for a SVDS Pricing Plan fixed period of 3 years (36 months) or 5 years (60 months). The optional rate plans allow the Private Line Transport Service customer to integrate Digital services into their networks with the assurance of no Company-initiated increases in rates during the fixed period.

Customers with a SVDS Pricing Plan in service prior to May 29, 1995, may utilize Termination Liability and Waiver Policy as set forth in 7.1.8, following, in lieu of Grandfathered Upgrades in Transmission Speed and Discontinuance Charges. This offer is valid until either the expiration date of their existing term or until May 29, 1998 for a 36-month term and May 29, 2000 for a 60-month term, whichever comes first. After May 29, 1995, Termination Liability and Waiver Policy will be in effect for all new customers subscribing to the SVDS Pricing Plan.

A. Fixed Period Service Rate Plans

The Fixed Period Service Rate Plan rates for Private Line Transport Service Non-Competitive End User Channel Terminations (EUCTs) subject to Section 203 of the Communications Act are filed in this tariff. Other Private Line Transport Service rates included in this plan are not subject to Section 203 and are provided outside of this tariff.

The customer may subscribe to a 36- or 60-month fixed period service rate plan. The minimum service period for fixed period service is 12 months. The customer must specify the length of the fixed period service at the time the service is ordered.

(M)

[1] Effective February 1, 2020, Simultaneous Voice Data Service (SVDS) is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)

(N)

(M) Material moved to Page 341.

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.13 SIMULTANEOUS VOICE DATA SERVICE (SVDS)[1] (T)

7.13.3 PRICING PLANS

A. Fixed Period Service Rate Plans (Cont'd)

For customers that subscribe to fixed period service of 36 or 60 months, the monthly rates for the entire fixed period will be frozen from Company-initiated increases, at the rates in effect for the fixed period on the service date. (M)

All rate elements of a SVDS to be included in a fixed period service must be ordered under the same term conditions (i.e., all 36 months or all 60 months) and with the same negotiated service date. When additional channel termination and/or optional features are added subsequently (e.g., Bridging), they will be available only a month-to-month basis. (M)

At the end of the fixed period service, the customer may convert to month-to-month or subscribe to a new fixed period service. The monthly rates will be adjusted to those in effect for the new fixed period service. Should the customer not make a choice by the end of the fixed period, the rates will automatically revert to the month-to-month option.

If a rate decrease occurs during the term of an existing fixed period service, the reduced rates will automatically be applied to the time remaining in the service period.

Effective September 1, 1998, customers establishing a Fixed Period Rate Plan, will not receive a rate decrease if the Company decreases rates during the term of the plan. Fixed Period Rate Plans established on or before August 31, 1998, will automatically receive a rate decrease if the Company decreases rates during the term of the plan.

(M1)

[1] Effective February 1, 2020, Simultaneous Voice Data Service (SVDS) is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

(M) Material moved from Page 340.

(M1) Material moved to Page 342.

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.13 SIMULTANEOUS VOICE DATA SERVICE (SVDS)[1] (T)

7.13.3 PRICING PLANS (Cont'd)

B. Upgrades in Rate Plans (M)

Services rated under the month-to-month plan may be upgraded to a fixed period service rate plan at any time the customer chooses without incurring nonrecurring or discontinuance charges. Where portions of a service are rated under the month-to-month plan (e.g., Bridging, Transport Channel) and are connected to fixed period rated service, the customer may upgrade these rate elements at the time the service is upgraded. Additionally, the new fixed period service rate plan must meet or exceed the fixed period service rate plan being upgraded. For example, a rate element with a 36-month fixed period service may be upgraded to a new 36-month, or longer, fixed period service. The monthly rates will be those that are in effect at the time the service is upgraded. New minimum service period applies to all rate elements that are upgraded.

New minimum service period applies to all Digital Data Service rate elements that are upgraded in the following manner:

- If the service being upgraded has been in place for more than 12 months, minimum period provisions will not apply, or
- If the service being upgraded has been in place for less than 12 months, the time in service will be applied against the minimum period term. (M)

[1] Effective February 1, 2020, Simultaneous Voice Data Service (SVDS) is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

(M) Material moved from Page 341.

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.13 SIMULTANEOUS VOICE DATA SERVICE (SVDS)[1] (Cont'd)

(T)

7.13.4 RATES AND CHARGES

A. Monthly

	NONRECURRING CHARGE	MONTHLY RATE
1. Non-Competitive End User Channel Termination (EUCT), per point of termination		
• 2.4 kbps	\$245.00	\$21.00
• 4.8 kbps	245.00	24.00
• 9.6 kbps	245.00	26.00
• 19.2 kbps	245.00	30.00

[1] Effective February 1, 2020, Simultaneous Voice Data Service (SVDS) is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)
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 (N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.13 SIMULTANEOUS VOICE DATA SERVICE (SVDS)[1] (T)

7.13.4 RATES AND CHARGES

A. Monthly (Cont'd)

2. Optional Features and Functions

	NONRECURRING CHARGE	MONTHLY RATE	
a. Bridging, per port	[2]	[2]	(T)

[1] Effective February 1, 2020, Simultaneous Voice Data Service (SVDS) is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

[2] Rates and charges are set forth in 7.10.4, preceding. (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.13 SIMULTANEOUS VOICE DATA SERVICE (SVDS)[1] (T)

7.13.4 RATES AND CHARGES (Cont'd)

B. 36 Months

	NONRECURRING CHARGE	MONTHLY RATE
1. Non-Competitive End User Channel Termination (EUCT), per point of termination		
• 2.4 kbps	\$245.00	\$20.00
• 4.8 kbps	245.00	24.00
• 9.6 kbps	245.00	26.00
• 19.2 kbps	245.00	28.00

[1] Effective February 1, 2020, Simultaneous Voice Data Service (SVDS) is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)
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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.13 SIMULTANEOUS VOICE DATA SERVICE (SVDS)[1] (T)

7.13.4 RATES AND CHARGES

B. 36 Months (Cont'd)

	NONRECURRING CHARGE	MONTHLY RATE	
2. Optional Features and Functions			
a. Bridging, per port	[2]	[2]	(T)

[1] Effective February 1, 2020, Simultaneous Voice Data Service (SVDS) is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

[2] Rates and charges are set forth in 7.10.4, preceding. (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.13 SIMULTANEOUS VOICE DATA SERVICE (SVDS)[1] (T)

7.13.4 RATES AND CHARGES (Cont'd)

C. 60 Months

1. Channel Termination, per point of termination

	NONRECURRING CHARGE	MONTHLY RATE
• 2.4 kbps	\$245.00	\$18.00
• 4.8 kbps	245.00	20.00
• 9.6 kbps	245.00	22.00
• 19.2 kbps	245.00	24.00

[1] Effective February 1, 2020, Simultaneous Voice Data Service (SVDS) is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)
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 (N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.13 SIMULTANEOUS VOICE DATA SERVICE (SVDS)[1] (T)

7.13.4 RATES AND CHARGES

C. 60 Months (Cont'd)

	NONRECURRING CHARGE	MONTHLY RATE	
2. Optional Features and Functions			(N)
a. Bridging, per port	[2]	[2]	(T)

[1] Effective February 1, 2020, Simultaneous Voice Data Service (SVDS) is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations. (N)

[2] Rates and charges are set forth in 7.10.4, preceding. (T)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.17 DIGITAL DATA SERVICE 2-WIRE[1]

(T)

7.17.1 GENERAL

A. Basic Service Description

Digital Data Service 2-Wire (DDS 2-Wire) Non-Competitive End User Channel Termination (EUCT) provides a two-wire, full duplex circuit, capable of transmitting digital data at 144 kbps. DDS 2-Wire consists of a 160 kbps channel for the transmission of 144 kbps serial or bi-directional data and a 16 kbps embedded, bi-directional, operations channel to support provisioning and maintenance operations; i.e., loopback testing and standard network management messages. When the customer's equipment provides access to the 16 kbps embedded channel, that bandwidth will be available for the customer to perform loopback testing and network management. This service is offered on a point-to-point basis only.

B. Technical Specifications

DDS 2-Wire technical parameters are delineated in Qwest Corporation Technical Publication PUB 77399.

C. Availability

1. DDS 2-Wire is available as specified in the NECA TARIFF F.C.C. NO. 4, and provided subject to the availability and limitations of Company outside plant facilities. Special construction options are not available to improve the suitability of Company facilities.
2. Shared Use is not allowed with this service.
3. Optional features and multiplexing are not available.

[1] Effective February 1, 2020, Digital Data Service 2-Wire is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

(N)

(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.17 DIGITAL DATA SERVICE 2-WIRE[1]

(T)

7.17.1 GENERAL (Cont'd)

D. Rate Applications

- 1. Each DDS 2-Wire requires two Non-Competitive End User Channel Termination (EUCT).

7.17.2 PRICING PLANS

The customer must initially subscribe to a term plan of 12, 36 and 60 months. After the completion of the term plan, the month-to-month option is available. The minimum service period of 1 month applies to month-to-month service. The minimum service period of 12 months applies to 12-, 36-, and 60- month term plans, except as set forth in 2.4.2.

[1] Effective February 1, 2020, Digital Data Service 2-Wire is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.17 DIGITAL DATA SERVICE 2-WIRE[1] (Cont'd)

(T)

7.17.3 RATES AND CHARGES

A. Month-to-Month

	MONTHLY RATE	NONRECURRING CHARGE
1. Non-Competitive End User Channel Termination (EUCT), per termination	\$50.00	\$112.50

[1] Effective February 1, 2020, Digital Data Service 2-Wire is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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 (N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.17 DIGITAL DATA SERVICE 2-WIRE[1] (T)

7.17.3 RATES AND CHARGES (Cont'd)

B. 12 Months

	MONTHLY RATE	NONRECURRING CHARGE
1. Non-Competitive End User Channel Termination (EUCT), per termination	\$45.00	\$112.50

[1] Effective February 1, 2020, Digital Data Service 2-Wire is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.17 DIGITAL DATA SERVICE 2-WIRE[1]

(T)

7.17.3 RATES AND CHARGES (Cont'd)

C. 36 Months

	MONTHLY RATE	NONRECURRING CHARGE
1. Non-Competitive End User Channel Termination (EUCT), per termination	\$42.50	\$112.50

[1] Effective February 1, 2020, Digital Data Service 2-Wire is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.17 DIGITAL DATA SERVICE 2-WIRE[1]

(T)

7.17.3 RATES AND CHARGES (Cont'd)

D. 60 Months

	MONTHLY RATE	NONRECURRING CHARGE
1. Non-Competitive End User Channel Termination (EUCT), per termination	\$40.00	\$112.50

[1] Effective February 1, 2020, Digital Data Service 2-Wire is grandfathered. Availability to current customers who are not under contract is limited to circuits already in place at existing locations. Customers under existing contracts will be allowed to place new orders and moves only to the extent permitted by their contracts. Existing contracts will not be renewed. When contracts expire, customers may retain their service on a month-to-month basis and will be limited in service circuits at existing locations.

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(N)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.1 GENERAL

The services, offerings, and regulations specified in this Section are Grandfathered. Existing customers may keep the service until the expiration of the pricing plan that originated prior to the Grandfather date, or until the end date of the service/offering. Dates are specified as appropriate.

Grandfathered Discontinuance Charges, and pricing plans are also included within this Section. When only a portion of a service is Grandfathered, the regulations and other information for that service apply as specified elsewhere in this Tariff.

(C)

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS (Cont'd)

7.99.4 RESERVED FOR FUTURE USE

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS (Cont'd)

7.99.5 RESERVED FOR FUTURE USE

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.5 RESERVED FOR FUTURE USE (Cont'd)

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.5 RESERVED FOR FUTURE USE (Cont'd)

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.5 RESERVED FOR FUTURE USE (Cont'd)

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.5 RESERVED FOR FUTURE USE (Cont'd)

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.5 RESERVED FOR FUTURE USE (Cont'd)

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.5 RESERVED FOR FUTURE USE (Cont'd)

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.5 RESERVED FOR FUTURE USE (Cont'd)

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.7 DS1 SERVICE (Cont'd)

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.7 DS1 SERVICE (Cont'd)

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7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.7 DS1 SERVICE (Cont'd)

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7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.7 DS1 SERVICE (Cont'd)

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7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.7 DS1 SERVICE (Cont'd)

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7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

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7.99.7 DS1 SERVICE (Cont'd)

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7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.7 DS1 SERVICE (Cont'd)

C. Rates and Charges

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1. Clear Channel Capability, per channel termination

	NONRECURRING CHARGE	MONTHLY RATE
• ZBTSI[1]		
- Monthly	-	-
• Basic[2]		
- Monthly	-	-
- 36 Months	-	-
- 60 Months	-	-

NONRECURRING
CHARGE

2. D.C. Line Power[3]

	NON-PLAN	MONTHLY RATE		
		ZONE 1	ZONE 2	ZONE 3
• Monthly	\$6.00	\$6.00	\$6.00	\$6.00

[1] As of December 15, 1995, ZBTSI is limited to existing customers only. Additionally, existing customers with ZBTSI who move to a different premises must disconnect this optional feature.

[2] This option is limited to existing facilities in service on August 16, 1993.

[3] As of October 26, 1995 Line Power is limited to existing customers only. Additionally, existing customers with D.C. Line Power who move to a different premises must disconnect this optional feature.

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.7 DS1 SERVICE

C. Rates and Charges (Cont'd)

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3. Command A Link[1]

- Per 1.544 Mbps port on digital crossconnect device

	NON-PLAN	NONRECURRING CHARGE		
		ZONE 1	ZONE 2	ZONE 3
- 36 Months	\$50.00	\$50.00	\$50.00	\$50.00
- 60 Months	50.00	50.00	50.00	50.00
		MONTHLY RATE		
	NON-PLAN	ZONE 1	ZONE 2	ZONE 3
- 36 Months	\$ 60.35	\$ 60.35	\$ 60.35	\$ 60.35
- Vintage 8/1/94 through 7/1/02	125.00	125.00	125.00	125.00
- 60 Months	55.52	55.52	55.52	55.52
- Vintage 8/1/94 through 7/1/02	115.00	115.00	115.00	115.00

[1] As of December 2, 2004, Command A Link 36- and 60-Month offerings are limited to existing customers only.

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.7 DS1 SERVICE

C. Rates and Charges (Cont'd)

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4. SHARP Plus[1]

- Per Protected Channel Termination

	NON-PLAN	NONRECURRING CHARGE		
		ZONE 1	ZONE 2	ZONE 3
- Monthly	\$313.25	\$313.25	\$313.25	\$313.25
- 126 Months	313.25	313.25	313.25	313.25
- 24 Months	313.25	313.25	313.25	313.25
- 36 Months	313.25	313.25	313.25	313.25
- 60 Months	313.25	313.25	313.25	313.25

[1] Effective October 16, 2007, the SHARP Plus Optional Feature is limited to existing service as set forth in 7.99.7.B.3., preceding.

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.7 DS1 SERVICE

C. Rates and Charges

4. SHARP Plus[1] (Cont'd)

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	NON-PLAN	MONTHLY RATE		
		ZONE 1	ZONE 2	ZONE 3
- Monthly	\$44.00	\$44.00	\$44.00	\$44.00
- 12 Months	43.00	43.00	43.00	43.00
- 24 Months	42.00	42.00	42.00	42.00
- 36 Months	41.00	41.00	41.00	41.00
- 60 Months	35.00	35.00	35.00	35.00
- Vintage 8/1/95 through 6/30/98	23.53	23.53	23.53	23.53

[1] Effective October 16, 2007, the SHARP Plus Optional Feature is limited to existing service as set forth in 7.99.7.B.3., preceding.

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

7.99.7 DS1 SERVICE

C. Rates and Charges

4. SHARP Plus[1] (Cont'd)

- SHARP Plus Central Office Termination, per Termination

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	NON-PLAN	MONTHLY RATE		
		ZONE 1	ZONE 2	ZONE 3
- Monthly	\$88.00	\$88.00	\$88.00	\$88.00
- 12 Months	85.00	85.00	85.00	85.00
- 24 Months	83.00	83.00	83.00	83.00
- 36 Months	81.00	81.00	81.00	81.00
- 60 Months	71.00	71.00	71.00	71.00
- Vintage 8/1/95 through 6/30/98	47.06	47.06	47.06	47.06

[1] Effective October 16, 2007, the SHARP Plus Optional Feature is limited to existing service as set forth in 7.99.7.B.3., preceding.

ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS (Cont'd)

7.99.13 RESERVED FOR RESERVED USE

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ACCESS SERVICE

7. PRIVATE LINE TRANSPORT SERVICE

7.99 GRANDFATHERED SERVICES AND TERMS

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7. PRIVATE LINE TRANSPORT SERVICE

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7. PRIVATE LINE TRANSPORT SERVICE

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7. PRIVATE LINE TRANSPORT SERVICE

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ISSUED DATE: January 17, 2020 Issued Under Transmittal No. 110
Vice President-Public Policy & Compliance
100 CenturyLink Drive
Monroe, Louisiana 71203 EFFECTIVE DATE: February 1, 2020

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13. MISCELLANEOUS SERVICES

13.9 BILLING NAME AND ADDRESS (BNA) SERVICE (CONT'D)

13.9.3 PROVISIONS

Interstate telecommunications service providers may request BNA Service from the Company's Regional Subscription System (RSS) as set forth following:

A. Mechanized Request

BNA Service may be requested via magnetic tape, electronic data transmission or dial up access. Interstate telecommunications service providers who choose electronic data transmission and/or on-line viewing must provide their own personal computer(s) or terminal(s) capable of VT100 emulation. In addition, the interstate telecommunications service provider must order dedicated access (i.e., Private Line Transport Service VG6) or dial up access to the Company host computer which stores the customer's BNA record. The Company will provide modems at the host computer location at no additional charge.

(C)

ACCESS SERVICE**16. SWITCHED ACCESS SERVICE – PRICING FLEXIBILITY****16.2 RATES AND CHARGES**

Services that are Grandfathered in Section 6 are also Grandfathered for customers rated out of Section 16. As of February 28, 1998, DS3 Service Electrical and Optical Interface Capacity of 2 or greater are Grandfathered as set forth in 7.12.1.

Rates and charges for Non-Plan and Zones 1, 2 and 3 apply as set forth in 6.7.14. Density Zone rates are applicable only in Pricing Plan states as set forth in 6.7.15, preceding. These services are for Shared Use only as set forth in 2.7.2, preceding. Descriptions and regulations apply as specified in Section 6 or elsewhere in the Tariff unless specified otherwise in this section.

Customers with Pricing Plans prior to the implementation of Pricing Flexibility will retain those Pricing Plan rates until the expiration of the term. Customers with Pricing Plans, that do not stabilize the rates will be billed at the Section 16 rates if their wire center(s) has received Phase II Pricing Flexibility. (C)

A. Entrance Facility

	NONRECURRING CHARGE	MONTHLY RATE
1. Voice Grade - Electrical Interface, per point of termination	\$99.00	\$51.35