

**CHECK SHEET**

Title Page and Original Pages 0-1 to 0-53; 1-1; 2-0 to 2-138; 3-0 to 3-24; 4-0 to 4-14; 5-0 to 5-40; 6-0 to 6-455; 7-0 to 7-798; 8-1 to 8-457; 9-0 to 9-26; 10-0 to 10-71; 11-0 to 11-14; 12-0 to 12-42; 13-0 to 13-94; 14-0 to 14-25; 15-0 to 15-104; 16-0 to 16-185; 17-0 to 17-472; 18-0 to 18-3; 19-0 to 19-5, 20-0 to 20-28; 21-1 to 21-48; 22-0 to 22-4; 23-0 to 23-28; 24-0 to 24-18 inclusive of this Tariff are effective as of November 11, 2003. Original and revised pages as named below and Supplement Nos. 1, 2, 3, and 4 contain all changes from the original Tariff that are in effect on the date hereof.

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Title	Original	0-1.23	36th	0-8	Original
0-1	204th *	0-1.24	12th	0-9	Original
0-1.1	34th *	0-1.25	15th	0-10	Original
0-1.2	27th	0-1.26	26th	0-11	Original
0-1.3	27th	0-1.27	22nd	0-12	Original
0-1.4	17th	0-1.28	8th *	0-13	2nd
0-1.5	3rd	0-1.29	14th *	0-14	1st
0-1.6	3rd	0-1.30	8th	0-15	6th *
0-1.7	6th	0-1.31	3rd	0-15.1	Original *
0-1.8	8th	0-1.32	6th *	0-16	2nd
0-1.9	12th	0-1.33	7th	0-16.1	4th
0-1.10	14th *	0-1.34	7th *	0-17	4th
0-1.11	9th	0-1.35	7th *	0-18	Original
0-1.12	19th	0-1.36	10th *	0-19	Original
0-1.13	7th	0-1.37	4th *	0-20	Original
0-1.14	17th	0-1.38	4th	0-21	Original
0-1.15	8th	0-1.39	29th	0-22	Original
0-1.16	17th *	0-1.40	3rd	0-23	Original
0-1.17	12th *	0-2	1st	0-24	2nd
0-1.18	18th *	0-3	1st	0-25	1st
0-1.19	54th	0-4	Original	0-26	5th
0-1.20	20th	0-5	3rd	0-27	1st
0-1.21	8th	0-6	Original	0-28	Original
0-1.22	8th	0-7	Original	0-29	1st

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0-30	4th *	0-50	Original	2-16	Original
0-30.1	Original	0-51	Original	2-17	Original
0-31	Original	0-52	Original	2-18	Original
0-32	Original	0-53	Original	2-19	Original
0-33	Original	1-1	Original	2-20	Original
0-33.1	Original	2-0	2nd	2-21	1st
0-34	Original	2-0.1	4th	2-22	1st
0-35	1st	2-1	1st	2-23	1st
0-35.1	Original	2-2	1st	2-24	1st
0-36	Original	2-3	2nd	2-25	2nd
0-37	1st	2-4	Original	2-26	Original
0-38	2nd	2-5	1st	2-27	1st
0-39	Original	2-6	1st	2-28	Original
0-40	Original	2-7	Original	2-29	Original
0-41	Original	2-8	1st	2-30	2nd
0-42	1st	2-9	1st	2-31	Original
0-43	Original	2-10	3rd	2-32	Original
0-44	1st	2-11	2nd	2-33	Original
0-45	2nd	2-12	Original	2-34	Original
0-46	2nd	2-13	Original	2-35	2nd
0-47	4th *	2-14	Original	2-36	1st
0-48	10th	2-14.1	Original		
0-49	Original	2-15	Original		

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7-0	3rd	7-18	Original	7-40	Original
7-0.1	3rd *	7-19	1st	7-41	Original
7-0.2	5th	7-20	1st	7-42	Original
7-0.3	5th	7-21	Original	7-43	Original
7-0.4	4th	7-22	Original	7-44	Original
7-1	Original	7-23	Original	7-45	Original
7-2	Original	7-24	2nd	7-46	Original
7-3	Original	7-25	Original	7-47	Original
7-4	Original	7-26	Original	7-48	Original
7-5	Original	7-27	Original	7-49	Original
7-6	Original	7-28	3rd	7-50	Original
7-7	Original	7-29	2nd	7-51	1st
7-8	Original	7-30	2nd	7-52	Original
7-9	Original	7-31	2nd	7-53	Original
7-10	Original	7-32	2nd	7-54	Original
7-11	Original	7-33	2nd	7-55	Original
7-12	Original	7-34	Original	7-56	Original
7-13	Original	7-35	Original	7-57	Original
7-14	Original	7-36	Original	7-58	Original
7-15	1st	7-37	Original	7-59	Original
7-16	Original	7-38	Original		
7-17	Original	7-39	Original		

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7-493	1st	7-525	2nd	7-559	4th
7-494	1st	7-526	3rd	7-560	5th
7-495	1st	7-527	2nd	7-561	5th *
7-496	1st	7-528	2nd	7-562	3rd
7-497	1st	7-529	2nd	7-563	3rd
7-498	Original	7-530	4th	7-564	5th
7-499	1st	7-531	4th	7-565	4th
7-500	Original	7-532	5th *	7-566	5th *
7-501	Original	7-533	2nd	7-567	4th
7-502	1st	7-534	2nd	7-568	3rd
7-503	Original	7-535	3rd	7-569	3rd
7-504	2nd	7-536	4th	7-570	4th
7-505	2nd	7-537	5th *	7-571	5th *
7-506	4th *	7-538	2nd	7-572	3rd
7-507	1st	7-539	2nd	7-573	3rd
7-508	1st	7-540	4th	7-574	2nd
7-509	1st	7-541	3rd	7-575	5th *
7-510	2nd	7-542	5th *	7-576	3rd
7-511	1st	7-543	3rd	7-577	3rd
7-512	1st	7-544	2nd	7-578	5th
7-513	3rd	7-545	2nd	7-579	5th
7-514	2nd	7-546	3rd	7-580	5th *
7-514.1	1st	7-547	5th *	7-581	3rd
7-515	3rd	7-548	3rd	7-582	3rd
7-516	3rd *	7-549	3rd	7-583	4th
7-516.1	1st	7-550	2nd	7-584	5th
7-517	7th *	7-551	5th *	7-585	5th *
7-518	3rd	7-552	3rd	7-586	3rd
7-519	5th *	7-553	3rd	7-587	3rd
7-520	4th	7-554	5th	7-588	5th
7-521	3rd	7-555	5th	7-589	4th
7-522	3rd	7-556	5th *	7-590	5th *
7-523	3rd	7-557	3rd	7-591	4th
7-524	2nd	7-558	3rd	7-592	3rd

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7-593	3rd	7-630	3rd	7-665	Original
7-594	4th	7-631	4th	7-666	Original
7-595	5th *	7-632	5th	7-667	Original
7-596	3rd	7-633	5th *	7-668	Original
7-597	3rd	7-634	3rd	7-669	Original
7-598	2nd	7-635	3rd	7-670	1st
7-599	5th *	7-636	5th	7-671	Original
7-600	Original	7-637	4th	7-672	Original
7-601	3rd	7-638	5th *	7-673	Original
7-602	5th	7-639	4th	7-674	1st
7-603	5th	7-640	3rd	7-675	Original
7-604	5th *	7-641	3rd	7-676	1st
7-605	3rd	7-642	4th	7-677	1st
7-606	3rd	7-643	5th *	7-678	1st
7-607	4th	7-644	3rd	7-679	Original
7-608	5th	7-645	3rd	7-680	Original
7-609	5th *	7-646	2nd	7-681	1st
7-610	3rd	7-647	5th *	7-682	3rd
7-611	3rd	7-648	3rd	7-683	Original
7-612	5th	7-648.1	Original	7-684	Original
7-613	4th	7-649	Original	7-685	Original
7-614	5th *	7-650	1st	7-686	2nd
7-615	4th	7-651	1st	7-686.1	Original
7-616	3rd	7-652	Original	7-687	1st
7-617	3rd	7-653	Original	7-688	1st
7-618	4th	7-654	Original	7-689	1st
7-619	5th *	7-655	2nd	7-690	1st
7-620	3rd	7-656	1st	7-691	Original
7-621	3rd	7-657	Original	7-692	Original
7-622	2nd	7-658	1st	7-693	Original
7-623	5th *	7-659	1st	7-694	Original
7-624	3rd	7-659.1	Original	7-695	Original
7-625	3rd	7-660	Original	7-696	Original
7-626	5th	7-661	1st	7-697	Original
7-627	6th	7-662	1st	7-698	Original
7-627.1	3rd	7-662.1	Original	7-699	Original
7-628	4th *	7-663	Original	7-700	Original
7-629	3rd	7-664	Original	7-701	1st

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7-702	2nd	7-733	Original	7-770	Original
7-703	1st	7-734	Original	7-771	Original
7-703.1	1st	7-735	Original	7-772	Original
7-704	2nd	7-736	Original	7-773	Original
7-705	2nd	7-737	Original	7-774	Original
7-706	1st	7-738	Original	7-775	Original
7-707	Original	7-739	Original	7-776	Original
7-708	2nd	7-740	Original	7-777	Original
7-709	1st	7-741	Original	7-778	Original
7-709.1	Original	7-742	Original	7-779	Original
7-710	1st	7-743	Original	7-780	Original
7-711	1st	7-744	Original	7-781	Original
7-712	1st	7-745	Original	7-782	Original
7-712.1	Original	7-746	Original	7-783	Original
7-712.2	Original	7-747	Original	7-784	Original
7-713	2nd	7-748	Original	7-785	Original
7-714	1st	7-749	Original	7-786	Original
7-715	1st	7-750	Original	7-787	Original
7-715.1	Original	7-751	Original	7-788	Original
7-715.2	Original	7-752	Original	7-789	Original
7-716	2nd	7-753	Original	7-790	Original
7-717	1st	7-754	Original	7-790.1	Original
7-718	1st *	7-755	Original	7-791	Original
7-719	1st *	7-756	Original	7-792	Original
7-720	1st *	7-757	Original	7-793	Original
7-721	1st *	7-758	Original	7-794	Original
7-722	1st *	7-759	Original	7-795	Original
7-723	Original	7-760	1st	7-796	Original
7-724	1st	7-761	Original	7-797	Original
7-725	Original	7-762	Original	7-798	Original
7-726	Original	7-763	Original	7-799	Original
7-727	Original	7-764	Original	7-800	Original
7-728	Original	7-765	Original	7-801	Original
7-729	Original	7-766	Original	7-802	Original
7-730	Original	7-767	Original	7-803	Original
7-731	Original	7-768	Original	7-804	Original
7-732	Original	7-769	Original	7-805	Original

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14-0	Original	14-24	Original	15-20	Original
14-1	Original	14-25	Original	15-21	Original
14-2	Original	15-0	1st	15-22	Original
14-3	Original	15-0.1	Original	15-23	Original
14-4	Original	15-1	3rd *	15-24	Original
14-5	Original	15-2	1st *	15-25	Original
14-6	Original	15-3	1st *	15-26	Original
14-7	Original	15-4	1st *	15-27	Original
14-8	Original	15-5	1st *	15-28	Original
14-9	Original	15-6	1st	15-29	Original
14-10	1st	15-7	1st	15-31	Original
14-11	1st	15-8	2nd	15-32	Original
14-12	2nd	15-9	1st	15-33	Original
14-13	2nd	15-10	1st	15-34	1st
14-14	Original	15-11	2nd	15-35	Original
14-15	Original	15-11.1	1st	15-36	1st *
14-16	2nd	15-12	Original	15-37	3rd *
14-17	2nd	15-13	Original	15-38	3rd *
14-18	1st	15-14	1st *	15-39	3rd *
14-19	1st	15-15	Original	15-40	2nd *
14-20	Original	15-16	1st	15-41	Original
14-21	1st	15-17	Original	15-42	Original
14-22	Original	15-18	Original		
14-23	Original	15-19	Original		

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15-43	Original	15-71.1	1st	15-94	7th
15-44	Original	15-72	4th	15-94.1	6th
15-45	Original	15-72.1	1st	15-95	3rd
15-46	Original	15-73	1st	15-95.1	2nd
15-47	Original	15-74	5th	15-96	3rd
15-48	Original	15-75	5th	15-96.1	2nd
15-49	Original	15-75.1	4th	15-97	5th
15-50	1st *	15-76	1st	15-98	3rd
15-51	1st	15-77	2nd	15-99	3rd
15-51.1	Original	15-77.1	1st	15-99.1	1st
15-52	Original	15-78	3rd	15-100	2nd
15-53	Original	15-78.1	1st	15-101	2nd
15-54	Original	15-79	2nd	15-102	1st
15-55	Original	15-79.1	1st	15-103	2nd
15-56	Original	15-80	2nd	15-104	Original
15-57	Original	15-80.1	1st	15-105	Original
15-58	4th	15-81	1st	15-106	Original
15-59	4th	15-82	6th	15-107	Original
15-59.1	3rd	15-83	6th	15-108	Original
15-60	3rd	15-83.1	5th	15-109	Original
15-61	4th	15-84	5th	15-110	Original
15-61.1	3rd	15-85	4th	15-111	Original
15-62	4th	15-85.1	5th	15-112	Original
15-62.1	1st	15-86	5th	15-113	Original
15-63	2nd	15-86.1	5th	15-114	Original
15-63.1	1st	15-87	6th	15-115	Original
15-64	2nd	15-87.1	2nd	15-116	Original
15-64.1	1st	15-88	6th	15-117	Original
15-65	3rd	15-88.1	2nd	15-118	Original
15-66	2nd	15-89	5th	15-119	Original
15-67	2nd	15-90	7th	15-120	Original
15-68	1st	15-90.1	1st	15-121	Original
15-69	2nd	15-91	7th	15-122	Original
15-69.1	1st	15-91.1	6th	15-123	Original
15-70	3rd	15-92	2nd	15-124	Original
15-70.1	1st	15-93	7th	15-125	Original
15-71	4th	15-93.1	6th		

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16-158	Original	17-2	1st	17-32	Original
16-159	Original	17-3	1st	17-33	Original
16-160	Original	17-4	Original	17-34	Original
16-161	Original	17-5	Original	17-35	Original
16-162	Original	17-6	Original	17-36	Original
16-163	Original	17-7	2nd	17-37	Original
16-164	Original	17-8	Original	17-38	Original
16-165	Original	17-9	Original	17-39	Original
16-166	Original	17-10	2nd	17-40	Original
16-167	Original	17-11	2nd	17-41	Original
16-168	Original	17-12	1st	17-42	Original
16-169	Original	17-13	2nd	17-43	Original
16-170	Original	17-14	2nd	17-44	Original
16-171	Original	17-15	2nd	17-45	Original
16-172	Original	17-16	2nd	17-46	Original
16-173	Original	17-17	2nd	17-47	Original
16-174	Original	17-18	2nd	17-48	Original
16-175	Original	17-19	2nd	17-49	Original
16-176	Original	17-20	2nd	17-50	Original
16-177	Original	17-21	2nd	17-51	Original
16-178	Original	17-22	1st	17-52	Original
16-179	Original	17-23	2nd	17-53	Original
16-180	Original	17-24	2nd	17-54	Original
16-181	Original	17-25	2nd	17-55	Original
16-182	Original	17-26	1st	17-56	Original
16-183	Original	17-27	1st	17-57	Original
16-184	Original	17-28	1st	17-58	Original
16-185	1st	17-29	1st	17-59	Original
17-0	3rd *	17-30	1st	17-60	Original
17-1	1st	17-31	1st	17-61	Original

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17-144	3rd	17-168	Original	17-192	Original
17-145	2nd	17-169	Original	17-193	Original
17-146	1st	17-170	Original	17-194	Original
17-147	1st	17-171	Original	17-195	Original
17-148	1st	17-172	Original	17-196	Original
17-149	1st	17-173	Original	17-197	Original
17-150	1st	17-174	Original	17-198	Original
17-151	1st	17-175	Original	17-199	Original
17-152	1st	17-176	Original	17-200	Original
17-153	1st	17-177	Original	17-201	Original
17-154	1st	17-178	Original	17-202	Original
17-155	1st	17-179	Original	17-203	Original
17-156	1st	17-180	Original	17-204	Original
17-157	1st	17-181	Original	17-205	Original
17-158	Original	17-182	Original	17-206	Original
17-159	Original	17-183	Original	17-207	Original
17-160	Original	17-184	Original	17-208	Original
17-161	Original	17-185	Original	17-209	2nd
17-162	Original	17-186	Original	17-210	1st
17-163	Original	17-187	Original	17-211	2nd
17-164	Original	17-188	Original	17-212	3rd
17-165	Original	17-189	Original	17-212.1	Original *
17-166	Original	17-190	Original		
17-167	Original	17-191	Original		

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17-213	2nd	17-246	2nd	17-279	2nd
17-214	2nd	17-247	2nd	17-280	3rd *
17-215	1st	17-248	3rd *	17-281	2nd
17-216	3rd	17-249	2nd	17-282	2nd
17-217	2nd	17-250	1st	17-283	2nd
17-218	3rd *	17-251	2nd	17-284	3rd *
17-219	2nd	17-252	2nd	17-285	2nd
17-220	1st	17-253	3rd *	17-286	1st
17-221	2nd	17-254	2nd	17-287	1st
17-222	2nd	17-255	2nd	17-288	3rd
17-223	3rd *	17-256	2nd	17-289	3rd
17-224	2nd	17-257	3rd *	17-290	3rd *
17-225	2nd	17-258	2nd	17-291	2nd
17-226	2nd	17-259	1st	17-292	1st
17-227	2nd	17-260	2nd	17-293	1st
17-228	3rd *	17-261	3rd	17-294	2nd
17-229	2nd	17-262	3rd *	17-295	2nd
17-230	3rd	17-263	2nd	17-296	3rd *
17-231	2nd	17-264	1st	17-297	2nd
17-232	3rd *	17-265	2nd	17-298	1st
17-233	2nd	17-266	2nd	17-299	1st
17-234	2nd	17-267	2nd	17-300	2nd
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17-236	3rd *	17-269	2nd	17-302	3rd *
17-237	2nd	17-270	1st	17-303	2nd
17-238	1st	17-271	2nd	17-304	1st
17-239	2nd	17-272	2nd	17-305	1st
17-240	2nd	17-273	2nd	17-306	2nd
17-241	2nd	17-274	3rd *	17-307	2nd
17-242	3rd *	17-275	2nd	17-308	3rd *
17-243	2nd	17-276	1st	17-309	1st
17-244	1st	17-277	2nd	17-310	1st
17-245	2nd	17-278	2nd	17-311	2nd

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17-314	1st	17-349	Original	17-383	2nd
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17-321	1st	17-356	Original	17-390	Original
17-322	1st	17-357	Original	17-391	2nd
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17-324	2nd	17-359	Original	17-393	Original
17-325	3rd *	17-360	Original	17-394	1st
17-326	2nd	17-361	Original	17-395	2nd
17-327	1st	17-362	Original	17-396	2nd
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17-420	1st	17-456	1st	17-474	Original
17-421	2nd	17-457	1st	17-475	Original
17-422	2nd	17-458	1st	17-476	Original
17-423	2nd	17-459	1st	17-477	Original
17-424	2nd	17-460	1st	17-478	Original
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17-433	1st	17-469	1st	17-487	Original
17-434	2nd	17-470	1st	17-488	Original
17-435	1st	17-471	Original	17-489	Original
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17-437	2nd	17-472.1	Original *	17-491	Original
17-438	1st	17-473	Original	17-492	Original
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## **7. PRIVATE LINE TRANSPORT SERVICE**

### **7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

#### **7.14.1 GENERAL**

##### **A. Basic Service Description (Cont'd)**

For SST, the Bandwidth Capacity must be ordered before an associated OC interface can be ordered. Bandwidth Capacity is available in transport line rates of OC3, OC12, OC24, OC48 and OC192.

##### **B. Rate Categories**

The basic rate categories which apply to SST are:

- Central Office (CO) Node (described in B.1., following)
- CO Port (described in B.2., following)
- SST Remote Node (described in B.3., following)
- SST Remote Port (described in B.4., following)
- Transport Channel (described in B.5., following)
- Central Office Connecting Channel (described in B.6., following)
- SST CO multiplexing options (described in B.7., following)
- SST SHARP (described in B.8., following)
- SST Optical SHARP (described in B.8., following)
- Virtual Tributary (VT) Mux Port (described in B.9., following)
- Ethernet Ports over SONET (EPoS, described in Section 7.19, following) (N)

Rates and charges for PLTS (e.g., DS1 or DS3 Service) and/or Switched Access Services, as detailed in Section 7, and/or in Section 6, preceding, apply for each PLTS or Switched Access Service that connects to SST.

**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST) (Cont'd)**

**7.14.1 GENERAL**

**B. Rate Categories (Cont'd)**

**9. Virtual Tributary (VT) Mux Port**

As an option, SST may be equipped with the capability to multiplex higher speed signals at one location into smaller channels at another location.

When DS1 channels are multiplexed to higher signals, a DS1 Port is charged at one location and a VT Mux Port is charged at the other location. VT Mux Ports are available as DS3 or STS1 capacity as follows:

- A VT Mux Port – DS3 may be configured to provide up to twenty-eight 1.544 Mbps channels.
- A VT Mux Port – STS1 may be configured to provide up to twenty-eight 1.544 Mbps channels.

VT Mux Ports are charged in conjunction with CO Nodes, Remote CO Nodes or Remote Nodes; and are charged in conjunction with either DS1 CO Ports or DS1 Remote Ports.

**10. Ethernet Ports over SONET (EPoS), as set forth in Section 7.19, following (N)**

## **7. PRIVATE LINE TRANSPORT SERVICE**

### **7.14 SYNCHRONOUS SERVICE TRANSPORT (SST) (Cont'd)**

#### **7.14.2 PRICING PLANS**

At the customer's option, SST Bandwidth Capacity is available initially with a SST Pricing Plan for a 12-, 24-, 36- or 60-month fixed period only. The customer must specify the length of a fixed period service rate plan at the time the service is ordered. The minimum period for all fixed period service rate plans is 12 months, except for CO Ports, Remote Ports, Ethernet Ports and VT Mux Ports which have a minimum period of 1 month or as specified in 2.4.2, preceding. SST Pricing Plans allow the Private Line Transport Service customer to integrate SST into their networks with the assurance that no Company-initiated monthly rate increases will occur during the fixed period.

(C)

After May 29, 1995, Termination Liability and Waiver Policy will be in effect for all new customers subscribing to the SST Pricing Plan.

#### **A. Fixed Period Service Rate Plans**

SST Pricing Plan includes 155.52 Mbps SONET Ring Service for 36 and 60 months only. Month-to-month SRS is not available. Rates and Charges for SRS 155.52 Mbps are set forth in 7.15.3, following.

SST rate elements other than Bandwidth Capacity may be ordered initially as month-to-month service or under a 12-, 24-, 36-, or 60-month fixed period service rate plan, excepting CO Ports, Remote CO Ports and VT Mux Ports which are only offered on a month-to-month basis. GeoMax rate elements are initially only available under a 36- or 60- month fixed period service rate plan and must match the Bandwidth Capacity rate plan in effect. SST or rate elements may be ordered with the same fixed period service rate plan as the Bandwidth Capacity or a lesser plan as set forth, following:

1. When the customer's SST or GeoMax rate element fixed period service plan is the same as the Bandwidth Capacity fixed period, the SST or GeoMax rate element fixed period will expire on the same date as the Bandwidth Capacity fixed period regardless of when it was ordered (e.g., if the Bandwidth capacity is a 60-month fixed period rate at month 10 of the plan and the customer orders an OC3 port 60-month fixed period, the OC3 port will be billed at the 60-month rate for the next 50 months).

## **7. PRIVATE LINE TRANSPORT SERVICE**

### **7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

#### **7.14.2 PRICING PLANS (Cont'd)**

##### **B. Upgrades**

##### **1. Upgrades in Rate Plans[1]**

(C)

One or all SST or GeoMax rate elements 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.

This upgrade will be allowed provided the channel interface and the customer-designated premises remain the same. 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 SST or GeoMax 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] SST Ports are billed on a monthly basis only and will be renewed at the current Month-to-Month rate, discounts will not apply.

(N)  
(N)

**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

A.1. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
l. Central Office Connecting Channel				
• per arrangement	CU5OU	\$ 20.00	\$ 10.00	
m. STS1 CO Multiplexing				
• per multiplexer	MPETX	200.00	300.00	
n. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	750.00	(T)
• Optical SHARP per customer premise	S2VLX	313.25	750.00	(T)

(D)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

A.2. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
n. Central Office Connecting Channel				
• per arrangement	CU5OU	\$ 20.00	\$ 10.00	
o. STS1 CO Multiplexing				
• per multiplexer	MPETX	200.00	300.00	
p. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	500.00	
q. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	750.00	(T)
• Optical SHARP per Node	S2VLX	313.25	750.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

A.3. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
l. Central Office Connecting Channel				
• per arrangement	CU5OU	\$ 20.00	\$ 10.00	
m. STS1 CO Multiplexing				
• per multiplexer	MPETX	200.00	300.00	
n. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	500.00	
o. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	750.00	(T)
• Optical SHARP per Node	S2VLX	313.25	750.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

A.4. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
l. Central Office Connecting Channel				
• per arrangement	CU5OU	\$ 20.00	\$ 10.00	
m. STS1 CO Multiplexing				
• per multiplexer	MPETX	200.00	300.00	
n. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	500.00	
o. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	750.00	(T)
• Optical SHARP per Node	S2VLX	313.25	750.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

**A.5. Monthly (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
q. Central Office Connecting Channel				
• per arrangement	CU5OU	\$ 20.00	\$ 10.00	
r. STS1 CO Multiplexing				
• per multiplexer	MPETX	200.00	300.00	
s. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	500.00	
t. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	750.00	(T)
• Optical SHARP per Node	S2VLX	313.25	750.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

B.1. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	\$ 14.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	200.00	290.00	
f. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	727.00	(T)
• Optical SHARP per Node	S2VLX	313.25	727.00	(T)

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**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

B.2. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	\$ 14.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	200.00	290.00	
f. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	485.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	727.00	(T)
• Optical SHARP per Node	S2VLX	313.25	727.00	(T)

(D)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

B.3. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	\$ 14.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	200.00	290.00	
f. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	485.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	727.00	(T)
• Optical SHARP per Node	S2VLX	313.25	727.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

B.4. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	\$ 14.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	200.00	290.00	
f. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	485.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	727.00	(T)
• Optical SHARP per Node	S2VLX	313.25	727.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

B.5. 12 Months (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	\$ 14.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	200.00	290.00	
f. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	485.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	727.00	(T)
• Optical SHARP per Node	S2VLX	313.25	727.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

C.1. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	\$ 7.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	200.00	285.00	
f. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	705.00	(T)
• Optical SHARP per Node	S2VLX	313.25	705.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

C.2. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	\$ 7.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	200.00	285.00	
f. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	475.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	705.00	(T)
• Optical SHARP per Node	S2VLX	313.25	705.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

C.3. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	\$ 7.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	200.00	285.00	
f. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	475.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	705.00	(T)
• Optical SHARP per Node	S2VLX	313.25	705.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

C.4. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	\$ 7.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	200.00	285.00	
f. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	475.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	705.00	(T)
• Optical SHARP per Node	S2VLX	313.25	705.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

C.5. 24 Months (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	\$ 7.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	200.00	285.00	
f. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	475.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	750.00	(T)
• Optical SHARP per Node	S2VLX	313.25	750.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

D.1. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	—	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	\$200.00	270.00	
f. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	675.00	(T)
• Optical SHARP per Node	S2VLX	313.25	675.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

D.2. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	—	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	\$200.00	270.00	
f. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	450.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	675.00	(T)
• Optical SHARP per Node	S2VLX	313.25	675.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

D.3. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	—	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	\$200.00	270.00	
f. OC3 Multiplexing				
• per multiplexer	MPECX	—	450.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	675.00	(T)
• Optical SHARP per Node	S2VLX	313.25	675.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

D.4. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	—	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	\$200.00	270.00	
f. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	450.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	675.00	(T)
• Optical SHARP per Node	S2VLX	313.25	675.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

D.5. 36 Months (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	\$ 7.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	200.00	270.00	
f. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	475.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	705.00	(T)
• Optical SHARP per Node	S2VLX	313.25	705.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

E.1. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	—	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	\$200.00	240.00	
f. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	600.00	(T)
• Optical SHARP per Node	S2VLX	313.25	600.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

E.2. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	—	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	\$200.00	240.00	
f. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	400.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	600.00	(T)
• Optical SHARP per Node	S2VLX	313.25	600.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

E.3. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	—	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	\$200.00	240.00	
f. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	400.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	600.00	(T)
• Optical SHARP per Node	S2VLX	313.25	600.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

E.4. (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	—	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	\$200.00	240.00	
f. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	400.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	600.00	(T)
• Optical SHARP per Node	S2VLX	313.25	600.00	(T)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.3 RATES AND CHARGES**

E.5. 60 Months (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	CU5OU	\$ 7.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	MPETX	200.00	240.00	
f. OC3 CO Multiplexing				
• per multiplexer	MPECX	—	475.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	S2VCX	313.25	705.00	(T)
• Optical SHARP per Node	S2VLX	313.25	705.00	(T)

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## **7. PRIVATE LINE TRANSPORT SERVICE**

### **7.19 ETHERNET PORTS OVER SONET (EPoS)**

(C)

#### **7.19.1 GENERAL**

(N)

##### **A. Basic Service Description**

Ethernet Ports over SONET (EPoS) provides Ethernet protocol interface for managed optical transport of data signals of various speeds over Company provided Synchronous Service Transport (SST) as set forth in Section 7.14, preceding, and Self-Healing Network Service (SHNS) as set forth in Section 15, following. EPoS allows for point-to-point transmission on SST and SHNS bandwidths at speeds of 10 Mbps, 100 Mbps or 1 Gbps.

Ethernet Ports over SONET (EPoS) are only available on a Month-to-Month basis.

##### **B. Technical Specifications**

Technical parameters for Ethernet Ports over SONET (EPoS) are delineated in Qwest Corporation Technical Publication PUB 77332 and Qwest Corporation Technical Publication PUB 77346.

##### **C. Availability**

There may be occasions when Ethernet Ports over SONET (EPoS) is not available due to facilities limitations, or when it may be necessary to construct facilities. If Special Construction is involved, the regulations as set forth in Tariff F.C.C. No. 2 apply.

##### **D. Rate Categories**

The basic rate categories that apply to EPoS are:

- 10 Mbps Ethernet Port
- 100 Mbps Ethernet Port
- 1 Gbps Ethernet Port
- Ethernet Central Office Connecting Channel

Rates and charges for SST, as detailed in Section 7.14, preceding and/or Section 17, following; and SHNS, as detailed in Sections 15 and/or 17, following.

(N)



**7. PRIVATE LINE TRANSPORT SERVICE**

**7.19 ETHERNET PORTS OVER SONET (EPoS) (Cont'd)**

(C)

**7.19.2 RATES AND CHARGES[1]**

(N)

Month-to-Month

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
• 10 Mbps, Per Ethernet Port	S9TUX	\$177.00	\$275.00
• 100 Mbps, Per Ethernet Port	S9TVX	177.00	375.00
• 1 Gbps, Per Ethernet Port	S9TWX	177.00	800.00
• Central Office Connecting Channel, Per Ethernet Arrangement	C8FMX	20.00	10.00

(N)

[1] Ethernet Ports over SONET (EPoS) may be used in conjunction with SST as set forth in Section 7.14, preceding, and SHNS as set forth in Section 15, following.

**7. PRIVATE LINE TRANSPORT SERVICE**

**7.20 RESERVED FOR FUTURE USE**

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.20 RESERVED FOR FUTURE USE(CONT'D)**

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.20 RESERVED FOR FUTURE USE (Cont'd)**

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## **15. SELF-HEALING NETWORK SERVICE**

### **15.1 GENERAL**

Self-Healing Network Service (SHNS) offers a service arrangement designed to provide high capacity digital services between multiple customer-designated premises and Company Hub wire center(s), which will survive in the event of any single failure (catastrophic or otherwise) within the Self-Healing Network. This service is designed to automatically detect a failure anywhere within the system and reconfigure itself around the point of failure to ensure a near continuous flow of information between those locations that are within the survivable network.

This service provides network survivability through an integrated combination of intelligent network elements (which includes automatic protection switching functions), and diversely routed facilities.

Rates and charges for SHNS not subject to Phase II Pricing Flexibility are set forth in this section. Phase II Pricing Flexibility rates are specified in Section 17. The wire centers included in Phases I and II are identified in Section 23.

#### **15.1.1 SERVICE DESCRIPTION**

SHNS is a dedicated facility between multiple customer-specified node locations. Access Nodes are located at a customer-designated premises, Hub Nodes with Add-Drop Multiplexing functionality are located at Company wire centers. Control Nodes are located in a Company wire center or as determined by the Company for testing and monitoring purposes. A SHNS ring must have a minimum of three nodes. At least one SHNS node must be located in a Company wire center. A SHNS ring can not have a Hub Node and a Control Node on the same SHNS ring.

Connections to SHNS Access Nodes and Hub Nodes are provided over standard DS1, DS3, STS1, OC3, OC12, OC48 ports or 10 Mbps, 100 Mbps or 1 Gbps Ethernet Ports over SONET (EPoS) as set forth in Section 7.19, preceding, (i.e., DS1 channel capability, DS3 channel capability, bandwidth capacity of 155.52 Mbps (OC3), bandwidth capacity of 622.08 Mbps (OC12) and/or bandwidth capacity of 2.488 Gbps (OC48) in accordance with A. through E., following. SHNS Control Node connectivity is forth in H., following.

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## **15. SELF-HEALING NETWORK SERVICE**

### **15.1 GENERAL**

#### **15.1.1 SERVICE DESCRIPTION (Cont'd)**

SHNS is available to transport the Bandwidth Capacity of 155.52 Mbps, 622.08 Mbps, 1.244 Gbps[1], 2.488 Gbps or 9.952 Gbps. For Bandwidth Capacity of 155.52 Mbps, the customer may order a combination of DS1, DS3 and/or STS1 ports (where 28 DS1s are the equivalent of one DS3 or STS1 capacity on the SHNS). For Bandwidth Capacity of 622.08 Mbps, the customer may order only DS1, DS3, STS1, or OC3 ports. For Bandwidth Capacity of 1.244 Gbps[1], the customer may order DS3, STS1, OC3 or OC12 ports; and for Bandwidth Capacity of 2.488 Gbps, the customer may order DS1, DS3, STS1, OC3 or OC12 ports. For Bandwidth Capacity of 9.952 Gbps, the customer may order DS1, DS3, STS1, OC3, OC12 or OC48 ports. In addition the customer may order 10 Mbps, 100 Mbps or 1 Gbps Ethernet Ports over SONET (EPoS) as set forth in Section 7.19, preceding, for the SHNS bandwidths.

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SHNS will dedicate all available bit rate capacity on a Self-Healing Network exclusively to a single customer. The interface at the customer premises will conform to standard ANSI DS1 interface (1.544 Mbps) specifications, standard ANSI DS3 interface (44.736 Mbps) and/or STS1 interface (51.84 Mbps) specifications. In addition, the interface at the customer premises will conform to standard ANSI standards for ANSI OC3 (155.52 Mbps), OC12 (622.08 Mbps), OC48 (2.488 Gbps) and OC192 (9.952 Gbps) specifications.

Performance Monitoring capability affords the customer access to detailed information pertaining to the performance of the SHNS. The level of performance monitoring capabilities will vary depending on the vendor and interface being used. This capability is accessible via a customer provided terminal compatible with the Company equipment used to provision the Self-Healing Network.

SHNS will be available throughout Company serving areas. The offering of SHNS contemplates the use of existing facilities. There may be occasions where the service is not available due to facilities limitations, or where it may be necessary to construct such facilities as either (1) normal or (2) Special Construction. If Special Construction is involved, the regulations as set forth in Tariff F.C.C. No. 2 apply.

- [1] Effective December 31, 1997, Bandwidth Capacity of 1.244 Gbps is limited to existing customers only. Customers with 1.244 Gbps in service on December 31, 1997, may continue 1.244 Gbps until the service is moved or disconnected. If the service is moved or disconnected, 1.244 Gbps may not be reestablished. As of January 1, 1998, new customers may not subscribe to 1.244 Gbps.

## **15. SELF-HEALING NETWORK SERVICE**

### **15.1 GENERAL**

#### **15.1.1 SERVICE DESCRIPTION (Cont'd)**

For any SHNS, even though the total number of ports (on the entire SHNS) may exceed the Bandwidth Capacity of the particular SHNS, the service capacity of active ports at any one time will not exceed the usable capacity of SHNS Bandwidth Capacity as set forth in Qwest Corporation Technical Publication PUB 77332.

##### **A. SHNS with a Bandwidth Capacity of 155.52 Mbps**

For SHNS with a Bandwidth Capacity of 155.52 Mbps, a combination of DS1, DS3 and/or STS1 ports; or a combination of 10 Mbps, 100 Mbps or 1 Gbps Ethernet Ports over SONET (EPoS) as set forth in Section 7.19, preceding; in any applicable combination, may be ordered.

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Due to technological differences, DS1 Interfaces can only be ordered on SHNS installed after March 23, 1992. For customers with existing SHNS installed prior to March 23, 1992, who want to purchase DS1 Interfaces, the charge to add the DS1 Interface(s) will be treated as an upgrade in service as set forth in 15.4.7, following. Nonrecurring charges will apply for SHNS with DS1 port capability.

**15. SELF-HEALING NETWORK SERVICE**

**15.1 GENERAL**

**15.1.1 SERVICE DESCRIPTION (Cont'd)**

**B. SHNS with a Bandwidth Capacity of 622.08 Mbps**

For SHNS with a Bandwidth Capacity of 622.08 Mbps, a combination of DS1, DS3, STS1 and/or OC3 Ports; or a combination of 10 Mbps, 100 Mbps or 1 Gbps Ethernet Ports over SONET (EPoS) as set forth in Section 7.19, preceding; may be ordered in any applicable combination.

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**C. SHNS with a Bandwidth Capacity of 1.244 Gbps[1]**

For SHNS with a Bandwidth Capacity of 1.244 Gbps, only the DS3 Ports, STS1 Ports, OC3 Ports and OC12 Ports may be ordered in any applicable combination.

**D. SHNS with a Bandwidth Capacity of 2.488 Gbps**

For SHNS with a Bandwidth Capacity of 2.488 Gbps, only the DS1 Ports, DS3 Ports, STS1 Ports, OC3 Ports and OC12 Ports; or a combination of 10 Mbps, 100 Mbps or 1 Gbps Ethernet Ports over SONET (EPoS) as set forth in Section 7.19, preceding; may be ordered in any applicable combination.

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(C)

**E. SHNS with a Bandwidth Capacity of 9.952 Gbps**

For SHNS with a Bandwidth Capacity of 9.952 Gbps, only the DS1 Ports, DS3 Ports, STS1 Ports, OC3 Ports, OC12 and OC48 Ports; or a combination of 10 Mbps, 100 Mbps or 1 Gbps Ethernet Ports over SONET (EPoS) as set forth in Section 7.19, preceding; may be ordered in any applicable combination.

(C)  
|  
(C)

[1] Effective December 31, 1997, Bandwidth Capacity of 1.244 Gbps is limited to existing customers only. Customers with 1.244 Gbps in service on December 31, 1997, may continue 1.244 Gbps until the service is moved or disconnected. If the service is moved or disconnected, 1.244 Gbps may not be reestablished. As of January 1, 1998, new customers may not subscribe to 1.244 Gbps.



## **15. SELF-HEALING NETWORK SERVICE**

### **15.1 GENERAL (Cont'd)**

#### **15.1.2 RATE CATEGORIES**

The basic rate categories which apply to SHNS:

- Access Node (described in 15.1.2.A., following)
- Access Port (described in 15.1.2.B., following)
- Hub Node (described in 15.1.2.C., following)
- Hub Port (described in 15.1.2.D., following)
- Interoffice Transport (described in 15.1.2.E., following)
- Central Office Connecting Channels (described in 15.1.2.F., following)
- Optional Features and Functions (described in 15.1.2.G., following)
- Control Node (described in 15.1.2.H., following)
- Ethernet Ports over SONET (EPoS, described in Section 7.19, preceding) (N)

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## 15. Self-Healing Network Service

### 15.1 General

#### 15.1.2 Rate Categories (Cont'd)

##### H. Control Node

The Control Node rate category provides remote testing, monitoring, timing, alarming, detection and retransmission of SONET optical signals. Control Nodes are located in a Company wire center or as determined by the Company for testing and monitoring purposes. Control Nodes do not offer Add-Drop multiplexing capability or port connectivity. Control Nodes are not available on a SHNS ring where the customer has a Hub Node. Control Nodes are available in bandwidth capacities of 155.52 Mbps (OC3), 622.08 Mbps (OC12), 2.488 Gbps (OC48) and 9.952 Gbps (OC192). The Control Node monthly rate applies per node location as set forth in 15.5, following.

##### J. Ethernet Ports over SONET (EPoS, described in Section 7.19, preceding) (N)

**15. SELF-HEALING NETWORK SERVICE**

**15.4 RATE REGULATIONS**

**15.4.7 FIXED PERIOD RATE PLANS (Cont'd)**

**B. Upgrades in Rate Plans**

1. Upgrades of Existing Month-to-Month SHNS and of Fixed Period Rate Plans Which Have More Than Six Months Before the Expiration Date[1]

(C)

Services under the month-to-month plan may be upgraded to a Fixed Period Rate Plan at any time the customer chooses without incurring nonrecurring charges, discontinuance charges or Termination Liability. New minimum service periods apply to all upgrades.

Services currently under a Fixed Period Rate Plan which have more than six months before the expiration date of the fixed period may be upgraded to a new Fixed Period Rate Plan without incurring nonrecurring charges, discontinuance charges or Termination Liability. This upgrade will be allowed provided the channel interface and the customer designated premises remain the same. Additionally, the new Fixed Period Rate Plan must meet or exceed the Fixed Period Rate Plan being upgraded. For example, a 36 month Fixed Period Rate Plan may be upgraded to a new 36 month, or longer, Fixed Period Rate Plan. The monthly rates will be those that are in effect at the time the service is upgraded. New minimum service periods apply to all upgrades.

- [1] SHNS Ports are billed on a monthly basis only and will be renewed at the current Month-to-Month rate, discounts will not apply.

(N)  
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**15. SELF-HEALING NETWORK SERVICE**

**15.4 RATE REGULATIONS**

**15.4.7 FIXED PERIOD RATE PLANS**

**B. Upgrades in Rate Plans (Cont'd)**

2. Upgrades of Existing 12 Month Fixed Period Rate Plans With Six Months or Less Before the Expiration Date[1]

(C)

Customers with an existing 12 Month Fixed Period Rate Plan which is within six (6) months of the expiration date may upgrade to a new 12 Month or greater Fixed Period Rate Plan with an additional 10% (ten percent) discount over the customers' existing 12 Month Fixed Period Rate Plan rates. Termination Liability and Waiver Policy as set forth in 15.4.8, will not apply

The new 12 Month or greater Fixed Period Plan with the additional discount will apply to all rate elements under the existing 12 Month Fixed Period Plan, excluding the Interoffice Transport and Software Reconfiguration Capability. The upgrade to a new Fixed Period Rate Plan with the additional discount is available only once for any given SHNS. A new minimum service period does not apply to these upgrades, however the Termination Liability and Waiver Policy as set forth in 15.4.8, following, will apply to new Fixed Period Rate Plan upgrades that are effective as of March 23, 2004.

To be eligible for the upgrade to a new 12 Month or greater Fixed Period Rate Plan with the additional discount the following conditions must be met :

- The SHNS is provided by the Company,
- The customer must upgrade to a new 12 Month or greater Fixed Period Rate on the expiration date of the existing 12 Month Fixed Period Plan, and
- The SHNS channel interface and the customer designated premises must remain the same.

[1] SHNS Ports are billed on a monthly basis only and will be renewed at the current Month-to-Month rate, discounts will not apply.

(N)  
(N)

## **15. SELF-HEALING NETWORK SERVICE**

### **15.4 RATE REGULATIONS**

#### **15.4.7 FIXED PERIOD RATE PLANS**

##### **B. Upgrades in Rate Plans (Cont'd)**

3. Upgrades of Existing 24 Month Fixed Period Rate Plans With Six Months or Less Before the Expiration Date[1]

(C)

Customers with an existing 24 Month Fixed Period Rate Plan which is within six (6) months of the expiration date may upgrade to a new 24 Month or greater Fixed Period Rate Plan with an additional 10% (ten percent) discount over the customers' existing 24 Month Fixed Period Rate Plan rates. Termination Liability and Waiver Policy as set forth in 15.4.8, will not apply.

The new 24 Month or greater Fixed Period Plan with the additional discount will apply to all rate elements under the existing 24 Month Fixed Period Plan, excluding the Interoffice Transport and Software Reconfiguration Capability. The upgrade to a new Fixed Period Rate Plan with the additional discount is available only once for any given SHNS. A new minimum service period does not apply to these upgrades, however the Termination Liability and Waiver Policy as set forth in 15.4.8, following, will apply to new Fixed Period Rate Plan upgrades that are effective as of March 23, 2004.

To be eligible for the upgrade to a new 24 Month or greater Fixed Period Rate Plan with the additional discount the following conditions must be met :

- The SHNS is provided by the Company,
- The customer must upgrade to a new 24 Month or greater Fixed Period Rate Plan at any time during the last six months of the existing 24 Month Fixed Period Plan, and
- The SHNS channel interface and the customer designated premises must remain the same.

[1] SHNS Ports are billed on a monthly basis only and will be renewed at the current Month-to-Month rate, discounts will not apply.

(C)  
(C)

## **15. SELF-HEALING NETWORK SERVICE**

### **15.4 RATE REGULATIONS**

#### **15.4.7 FIXED PERIOD RATE PLANS**

##### **B. Upgrades in Rate Plans (Cont'd)**

4. Upgrades of Existing 36 Month Fixed Period Rate Plans With Six Months or Less Before the Expiration Date[1] (C)

Customers with an existing 36 Month Fixed Period Rate Plan which is within six (6) months of the expiration date may upgrade to a new 36 Month or greater Fixed Period Rate Plan with an additional 10% (ten percent) discount over the customers' existing 36 Month Fixed Period Rate Plan rates. Termination Liability and Waiver Policy as set forth in 15.4.8, will not apply.

The new 36 Month or greater Fixed Period Plan with the additional discount will apply to all rate elements under the existing 36 Month Fixed Period Rate Plan, excluding the Interoffice Transport and Software Reconfiguration Capability. The upgrade to a new Fixed Period Rate Plan with the additional discount is available only once for any given SHNS. A new minimum service period does not apply to these upgrades, however the Termination Liability and Waiver Policy as set forth in 15.4.8, following, will apply to new Fixed Period Rate Plan upgrades that are effective as of March 23, 2004.

To be eligible for the upgrade to a new 36 Month or greater Fixed Period Rate Plan with the additional discount the following conditions must be met:

- The SHNS is provided by the Company,
- The customer must upgrade to a new 36 Month or greater Fixed Period Rate Plan at any time during the last six months of the existing 36 Month Fixed Period Plan, and
- The SHNS channel interface and the customer designated premises must remain the same.

[1] SHNS Ports are billed on a monthly basis only and will be renewed at the current Month-to-Month rate, discounts will not apply. (N)  
(N)

**15. SELF-HEALING NETWORK SERVICE**

**15.4 RATE REGULATIONS**

**15.4.7 FIXED PERIOD RATE PLANS**

**B. Upgrades in Rate Plans (Cont'd)**

5. Upgrades of Existing 60 Month Fixed Period Rate Plans With 12 Months or Less Before the Expiration Date[1]

(C)

Customers with an existing 60 Month Fixed Period Rate Plan which is within 12 months of the expiration date may upgrade to a new 60 Month Fixed Period Rate Plan with an additional 10% (ten percent) discount over the customers' existing 60 Month Fixed Period Rate Plan rates. Termination Liability and Waiver Policy as set forth in 15.4.8, will not apply.

The new 60 Month Fixed Period Rate Plan with the additional discount will apply to all rate elements under the existing 60 Month Fixed Period Rate Plan, excluding the Interoffice Transport and Software Reconfiguration Capability. The upgrade to a new Fixed Period Rate Plan with the additional discount is available only once for any given SHNS. A new minimum service period does not apply to these upgrades, however the Termination Liability and Waiver Policy as set forth in 15.4.8, following, will apply to new Fixed Period Rate Plan upgrades that are effective as of March 23, 2004.

To be eligible for the upgrade to a new 60 Month Fixed Period Rate Plan with the additional discount the following conditions must be met:

- The SHNS is provided by the Company,
- The customer must upgrade to a new 60 Month Fixed Period Rate Plan at any time during the last 12 months of the existing 60 Month Fixed Period Plan, and
- The SHNS channel interface and the customer designated premises must remain the same.

[1] SHNS Ports are billed on a monthly basis only and will be renewed at the current Month-to-Month rate, discounts will not apply.

(N)  
(N)

## **15. SELF-HEALING NETWORK SERVICE**

### **15.4 RATE REGULATIONS**

#### **15.4.7 FIXED PERIOD RATE PLANS (Cont'd)**

**E. Extension of Fixed Period Rate Plan[1]**

(C)

Customers with SHNS under a 24, 36 or 60 month Fixed Period Rate Plan that is within 6 months of expiration may extend their Fixed Period Rate Plan rates for an initial period of 12 months by notifying the Company in writing of their intent to do so. The extension of the Fixed Period Rate Plan will begin on the same day that the Fixed Period Rate Plan was to expire. Extension of an existing Fixed Period Rate Plan is available only for the original customer of record for the SHNS.

Any customer who extended their Fixed Period Rate Plan rates for an initial 12 month period may extend their Fixed Period Rate Plan rates for a second 12 month period by notifying the Company in writing of their intent to do so. At the end of the second extension, the Fixed Period Rate Plan will change to the current month-to-month rates or the customer may choose to subscribe to a new Fixed Period Rate Plan at the current rates.

**F. Change of a Fixed Period Rate Plan from a Control Node to a Hub Node**

At the customer's option a Control Node can be changed to a Hub Node as set forth in 15.4.6, preceding. The same fixed period rate plan and minimum service period dates for the Control Node apply to the Hub Node. All fixed period rate plans for the Hub ports and Add-Drop multiplexing capabilities ordered to connect to the Hub port must expire on or before the expiration date of the fixed period plan of the Hub Node. Nonrecurring charges for the Hub ports and Add-Drop multiplexing capabilities apply as set forth in 15.5, following.

**G. Change of a Fixed Period Rate Plan from a Hub Node to a Control Node**

At the customer's option a Hub Node can be changed to a Control Node as set forth in 15.4.6, preceding. The same fixed period rate plan and minimum service period dates for the Hub Node apply to the Control Node. Termination Liability for the Hub Node, Add-Drop Multiplexing capability and all Port recurring rate elements apply as set forth in 15.4.8, following.

[1] SHNS Ports are billed on a monthly basis only and will be renewed at the current Month-to-Month rate.

(N)  
(N)



**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**A. Monthly**

**1. Bandwidth Capacity of 155.52 Mbps (OC3) (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	<b>(Z)</b>
n. Central Office Connecting Channel				
• per arrangement	FQ5OU	\$ 20.00	\$ 10.00	
o. STS1 CO Multiplexing				
• per multiplexer	FMC4X	200.00	300.00	
p. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	500.00	
q. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	750.00	
• Optical SHARP per Node	FADLX	313.25	750.00	<b>(Z)</b>

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**A. Monthly**

**2. Bandwidth Capacity of 622.08 Mbps (OC12) (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
n. Central Office Connecting Channel				
• per arrangement	FQ5OU	\$ 20.00	\$ 10.00	
o. STS1 CO Multiplexing				
• per multiplexer	FMC4X	200.00	300.00	
p. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	500.00	
q. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	750.00	(T)
• Optical SHARP per Node	FADLX	313.25	750.00	(T)

(D)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**A. Monthly**

**3. Bandwidth Capacity of 1.244 Gbps (OC24) (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
l. Central Office Connecting Channel				
• per arrangement	FQ5OU	\$ 20.00	\$ 10.00	
m. STS1 CO Multiplexing				
• per multiplexer	FMC4X	200.00	300.00	
n. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	500.00	
o. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	750.00	(T)
• Optical SHARP per Node	FADLX	313.25	750.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**A. Monthly**

**4. Bandwidth Capacity of 2.488 Gbps (OC48) (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
l. Central Office Connecting Channel				
• per arrangement	FQ5OU	\$ 20.00	\$ 10.00	
m. STS1 CO Multiplexing				
• per multiplexer	FMC4X	200.00	300.00	
n. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	500.00	
o. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	750.00	(T)
• Optical SHARP per Node	FADLX	313.25	750.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**A. Monthly**

**5. Bandwidth Capacity of 9.952 Gbps (OC192)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
n. Central Office Connecting Channel				
• per arrangement	FQ5OU	\$ 20.00	\$ 10.00	
o. STS1 CO Multiplexing				
• per multiplexer	FMC4X	200.00	300.00	
p. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	500.00	
q. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	750.00	(T)
• Optical SHARP per Node	FADLX	313.25	750.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**B. 12 Months**

**1. Bandwidth Capacity of 155.52 Mbps (OC3) (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	\$ 14.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	200.00	290.00	
f. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	727.00	(T)
• Optical SHARP per Node	FADLX	313.25	727.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**B. 12 Months**

**2. Bandwidth Capacity of 622.08 Mbps (OC12) (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	\$ 14.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	200.00	290.00	
f. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	485.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	727.00	(T)
• Optical SHARP per Node	FADLX	313.25	727.00	(T)

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**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**B. 12 Months**

**3. Bandwidth Capacity of 1.244 Gbps (OC24) (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	\$ 14.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	200.00	290.00	
f. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	485.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	727.00	(T)
• Optical SHARP per Node	FADLX	313.25	727.00	(T)

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**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**B. 12 Months**

**4. Bandwidth Capacity of 2.488 Gbps (OC48) (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	\$ 14.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	200.00	290.00	
f. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	485.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	727.00	(T)
• Optical SHARP per Node	FADLX	313.25	727.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**B. 12 Months**

**5. Bandwidth Capacity of 9.952 Gbps (OC192) (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	\$ 14.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	200.00	290.00	
f. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	485.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	727.00	(T)
• Optical SHARP per Node	FADLX	313.25	727.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**C. 24 Months**

**1. Bandwidth Capacity of 155.52 Mbps (OC3) (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	\$ 7.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	200.00	285.00	
f. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	705.00	(T)
• Optical SHARP per Node	FADLX	313.25	705.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**C. 24 Months**

**2. Bandwidth Capacity of 622.08 Mbps (OC12) (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	\$ 7.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	200.00	285.00	
f. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	475.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	705.00	(T)
• Optical SHARP per Node	FADLX	313.25	705.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**C. 24 Months**

**3. Bandwidth Capacity of 1.244 Gbps (OC24) (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	\$ 7.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	200.00	285.00	
f. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	475.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	705.00	(T)
• Optical SHARP per Node	FADLX	313.25	705.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**C. 24 Months**

**4. Bandwidth Capacity of 2.488 Gbps (OC48) (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	\$ 7.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	200.00	285.00	
f. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	475.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	705.00	(T)
• Optical SHARP per Node	FADLX	313.25	705.00	(T)

(D)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**C. 24 Months**

**5. Bandwidth Capacity of 9.952 Gbps (OC192) (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	\$ 7.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	200.00	285.00	
f. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	475.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	705.00	(T)
• Optical SHARP per Node	FADLX	313.25	705.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**D. 36 Months**

**1. Bandwidth Capacity of 155.52 Mbps (OC3) (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	–	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	\$200.00	270.00	
f. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	675.00	(T)
• Optical SHARP per Node	FADLX	313.25	675.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

D. 36 Months

2. Bandwidth Capacity of 622.08 Mbps (OC12) (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	–	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	\$200.00	270.00	
f. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	450.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	675.00	(T)
• Optical SHARP per Node	FADLX	313.25	675.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

D. 36 Months

3. Bandwidth Capacity of 1.244 Gbps (OC24) (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	–	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	\$200.00	270.00	
f. OC3 Multiplexing				
• per multiplexer	FMCUX	–	450.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	675.00	(T)
• Optical SHARP per Node	FADLX	313.25	675.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

D. 36 Months

4. Bandwidth Capacity of 2.488 Gbps (OC48) (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	–	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	\$200.00	270.00	
f. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	450.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	675.00	(T)
• Optical SHARP per Node	FADLX	313.25	675.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

D. 36 Months

5. Bandwidth Capacity of 9.952 Gbps (OC192) (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	\$ 7.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	200.00	270.00	
f. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	475.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	705.00	(T)
• Optical SHARP per Node	FADLX	313.25	705.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

E. 60 Months

1. Bandwidth Capacity of 155.52 Mbps (OC3) (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	–	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	\$200.00	240.00	
f. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	600.00	(T)
• Optical SHARP per Node	FADLX	313.25	600.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

E. 60 Months

2. Bandwidth Capacity of 622.08 Mbps (OC12) (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	–	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	\$200.00	240.00	
f. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	400.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	600.00	(T)
• Optical SHARP per Node	FADLX	313.25	600.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

E. 60 Months

3. Bandwidth Capacity of 1.244 Gbps (OC24) (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	–	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	\$200.00	240.00	
f. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	400.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	600.00	(T)
• Optical SHARP per Node	FADLX	313.25	600.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

E. 60 Months

4. Bandwidth Capacity of 2.488 Gbps (OC48) (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	–	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	\$200.00	240.00	
f. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	400.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	600.00	(T)
• Optical SHARP per Node	FADLX	313.25	600.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES**

**17.2.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

E. 60 Months

5. Bandwidth Capacity of 9.952 Gbps (OC192) (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
d. Central Office Connecting Channel				
• per arrangement	FQ5OU	\$ 7.00	\$ 10.00	
e. STS1 CO Multiplexing				
• per multiplexer	FMC4X	200.00	240.00	
f. OC3 CO Multiplexing				
• per multiplexer	FMCUX	–	475.00	
g. Self-Healing Alternate Route Protection (SHARP)				
• SHARP per customer premise	FADCX	313.25	705.00	(T)
• Optical SHARP per Node	FADLX	313.25	705.00	(T)

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**17. PRIVATE LINE TRANSPORT SERVICE – PRICING FLEXIBILITY**

**17.2 RATES AND CHARGES(CONT'D)**

**17.2.20 ETHERNET PORTS OVER SONET (EPoS)[1]**

Month-to-Month

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
• 10 Mbps, Per Ethernet Port	F9TUX	\$177.00	\$275.00
• 100 Mbps, Per Ethernet Port	F9TVX	177.00	375.00
• 1 Gbps, Per Ethernet Port	F9TWX	177.00	800.00
• Central Office Connecting Channel, Per Ethernet Arrangement	F9VMX	20.00	10.00

(N)

(N)

[1] Ethernet Ports over SONET (EPoS), as set forth in Section 7.19, preceding may be used in conjunction with SST and SHNS.