

TARIFF DISTRIBUTION

FILE PACKAGE NO.: 1851

DATE: September 26, 2016

STATE: AIT-FCC

EFFECTIVE DATE: 09/24/2016

TYPE OF DISTRIBUTION: Approved

PURPOSE: USOC Elimination-AIT-214 Req'd

<u>TARIFF SECTION</u>	<u>PAGE NUMBER</u>	<u>PAGE REVISION</u>
2000	1	1672
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2007	244.1	0012
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2007	324	0027
2007	326	0027
2007	326.1	0029
2007	402	0022
2007	410.3	0004
2007	412.2	0004
2007	412.3	0004
2016	623.1	0019
2021	723	0004
2021	724	0003

2021	726	0004
2021	729	0004
2021	731	0003
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2021	750	0004
2021	754	0005
2021	763	0005

Title pages 1 and 2 and pages 1 to 846 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement No. 341 contain all changes from the original tariff that are in effect on the date hereof.

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1.1	372nd	8.1	5th	20.1	5th
1.2	345th	9	25th	20.2	4th
1.3	294th	9.1	1st	21	4th
1.4	252nd	10	28th	22	1st
1.5	243rd*	10.1	12th	23	3rd
1.6	209th*	10.2	9th	24	1st
1.7	156th*	11	4th	25	3rd
1.8	130th*	12	10th	25.1	1st
1.9	158th	13	6th	25.2	1st
1.10	50th	13.1	6th	26	3rd
1.11	62nd	13.2	10th	27	9th
1.12	44th*	13.3	13th	28	11th
1.13	18th	13.4	21st	28.1	5th
1.14	31st	13.5	37th	29	1st
1.15	68th*	13.6	39th	30	Original
1.15.1	5th	13.7	44th	31	Original
1.16	87th*	13.8	46th	32	Original
1.17	24th	13.8.1	30th	33	Original
1.18	33rd	13.9	5th	34	4th
1.19	45th	14	3rd	34.1	1st
1.20	44th	15	16th	35	5th
1.21	45th	15.1	11th	35.1	1st
1.22	47th	15.2	1st	36	9th
1.23	41st	16	12th	36.1	7th
1.24	38th	16.1	11th	37	14th
1.25	26th	16.1.1	Original	37.1	4th
1.26	2nd	16.2	9th	37.2	7th
2	6th	16.3	2nd	37.3	6th
3	9th	16.4	3rd	37.4	1st
3.1	15th	16.5	Original	37.5	2nd
4	17th	16.6	3rd	38	9th
4.1	10th	16.7	3rd	38.1	11th
5	18th	17	1st	38.2	6th
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Issuing Officer: Kristen Shore, Executive Director - Regulatory
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220.2	11th	230.5.1.3	2nd	238	5th	261.1	3rd
220.3	15th	230.5.1.4	2nd	239	2nd	262	5th
220.4	9th	230.6	9th	240	3rd	263	2nd
220.5	15th	230.6.1	5th	241	8th	264	4th
221	18th	230.6.1.1	Original	242	20th	265	7th
221.1	2nd	230.6.1.2	Original	243	4th	266	7th
222	5th	230.6.1.3	Original	244	27th	267	9th
223	11th	230.6.1.4	Original	244.1	12th*	267.1	5th
224	3rd	230.6.2	4th	245	6th*		
224.1	3rd	230.6.3	1st	246	6th*		
225	19th	230.6.4	1st	247	7th		
225.1	13th	230.6.5	1st	247.1	1st		
225.1.1	2nd	230.6.6	Original	248	10th*		
225.2	5th	230.6.7	Original	249	6th*		
225.3	1st	230.7	3rd	250	3rd		
226	11th	230.8	Original	251	3rd		
227	12th	230.9	Original	252	5th		
228	27th	230.10	Original	253	6th		
229	13th	230.11	Original	254	5th*		
230	8th	230.12	Original	255	7th*		
230.1	13th	230.13	Original	255.1	1st		
230.2	42nd	230.14	Original	256	7th*		
230.2.1	17th	230.15	1st	256.1	Original		
230.2.2	8th	230.16	Original	257	2nd		
230.2.3	10th	231	52nd	258	2nd		
230.2.3.1	5th	231.1	9th	259	8th		
230.2.4	Original	231.2	4th	259.1	4th		
230.2.5	Original	231.3	3rd	259.1.1	5th		
230.2.6	Original	231.4	3rd	259.2	6th		
230.2.7	Original	232	12th	259.3	7th		
230.3	38th	233	11th	259.3.1	4th		
230.3.1	14th	233.1	14th	259.4	2nd		
230.3.2	2nd	234	17th	259.5	8th		
230.4	32nd	234.1	Original	259.6	Original		
230.4.1	16th	235	13th	260	8th		
230.4.2	6th	235.1	1st	260.1	10th		
230.4.3	10th	236	7th	260.1.1	10th		
230.4.4	7th	236.1	Original	260.2	3rd		
230.5	25th	237	4th	260.3	3rd		
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268.3	6th	274.1.1.1	15th	281	6th
269	16th	274.1.1.1.1	2nd	281.1	2nd
270	19th	274.1.1.2	11th	282	7th
271	27th*	274.1.2	16th	282.1	4th
272	11th	274.1.2.1	2nd	283	4th
272.1	6th	274.1.3	9th	284	4th
272.2	6th	274.2	16th	285	4th
272.3	12th	274.2.1	10th	286	6th
272.4	10th	274.3	10th	286.1	5th
272.4.1	10th	274.3.1	5th	286.2	2nd
272.4.1.1	9th	274.3.1.1	5th	287	5th
272.4.1.2	2nd	274.3.2	7th	287.1	1st
272.4.1.3	2nd	274.3.2.1	9th	288	3rd
272.4.2	8th	274.4	5th	289	3rd
272.4.3	5th	274.5	5th	290	4th
272.5	10th	274.5.1	4th	291	3rd
272.6	5th	274.5.2	4th	292	3rd
273	21st	274.5.3	2nd	293	4th
273.1	11th	274.6	11th	294	5th
273.1.1	8th	274.6.1	9th	295	5th
273.1.1.1	4th	274.6.2	6th	295.1	2nd
273.1.1.2	3rd	274.7	9th	296	13th
273.1.1.3	3rd	274.7.1	10th	296.1	4th
273.1.2	7th	274.7.1.1	2nd	296.1.1	1st
273.1.3	6th	274.7.2	6th	296.2	3rd
273.1.4	3rd	274.7.3	6th	296.3	3rd
273.1.5	5th	274.7.4	3rd	297	16th
273.2	14th	274.8	4th	297.1	8th
273.2.1	7th	274.9	1st	297.2	8th
273.2.1.1	3rd	274.10	1st	297.3	7th
273.2.2	5th	274.11	2nd	298	12th
273.2.3	6th	274.12	5th	298.1	7th
273.2.4	5th	274.12.1	6th	299	10th
273.2.5	5th	274.12.1.2	4th	299.1	7th
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273.3.2	5th	274.12.2	2nd	300	12th
273.3.3	2nd	274.12.3	2nd	300.1	19th
273.4	10th	274.12.4	3rd	300.1.1	11th
273.5	12th	274.12.5	5th	300.2	9th
273.5.1	3rd	274.12.6	5th	300.3	4th
273.5.2	3rd	274.12.7	2nd	300.4	8th
273.5.3	3rd	275	9th	300.5	2nd
273.5.4	2nd	276	11th	300.6	2nd
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300.9.1	5th	309.5	15th	309.17.1	1st
300.9.2	5th	309.6	12th	309.18	2nd
300.9.3	5th	309.6.1	8th	309.19	3rd
300.9.4	5th	309.7	13th	309.20	1st
300.10	6th	309.7.1	12th	309.21	1st
300.11	6th	309.7.2	3rd	310	30th*
300.12	6th	309.8	6th	311	13th
300.13	8th	309.9	6th	312	14th
301	2nd	309.10	4th	312.1	1st
302	1st	309.11	4th	313	11th
303	12th	309.12	13th	314	11th
303.1	3rd	309.12.1	3rd	315	29th*
304	25th	309.12.2	1st	316	13th
304.1	Original	309.12.3	2nd	317	14th
305	6th	309.12.4	1st	317.1	1st
305.1	4th	309.12.5	1st	318	13th
306	9th	309.12.6	1st	319	10th
306.1	4th	309.12.7	1st	320	56th
307	6th	309.12.8	2nd	321	28th*
308	23rd	309.12.9	1st	322	13th*
308.1	11th	309.12.10	2nd	323	23rd*
309	54th	309.12.11	2nd	324	27th*
309.1	42nd	309.12.11.1	1st	325	25th
309.1.1	29th	309.12.12	2nd	326	27th*
309.1.1.1	15th	309.12.12.1	1st	326.1	29th*
309.1.1.2	16th	309.12.13	2nd	327	14th
309.1.2	32nd	309.12.14	1st	328	12th
309.1.3	14th	309.12.15	1st	329	10th
309.2	32nd	309.12.16	1st	330	13th
309.2.1	31st	309.12.17	1st	331	12th
309.2.2	13th	309.12.18	1st	332	10th
309.2.3	14th	309.12.19	1st	333	12th
309.2.4	13th	309.12.20	1st	333.1	2nd
309.2.5	13th	309.12.21	1st	334	15th
309.2.6	13th	309.12.22	1st	334.1	1st
309.2.7	13th	309.12.23	1st	335	13th
309.2.8	13th	309.12.24	1st	335.1	1st
309.2.9	13th	309.13	1st	336	13th
309.2.10	14th	309.14	6th	336.1	1st
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338.1	1st	367.2	4th	403.1	2nd
339	13th	367.3	2nd	404	22nd
339.1	1st	367.4	1st	405	16th
340	13th	368	16th	406	18th
340.1	2nd	369	8th	407	20th
340.2	4th	370	4th	408	16th
341	13th	371	3rd	409	16th
342	11th	372	4th	410	63rd
343	10th	373	3rd	410.1	31st
344	11th	374	2nd	410.2	11th
345	10th	375	3rd	410.3	4th*
346	10th	376	3rd	411	48th
347	10th	377	2nd	411.1	20th
347.1	3rd	378	3rd	411.2	13th
348	12th	379	3rd	411.3	4th
349	8th	380	2nd	411.4	12th
350	8th	381	3rd	411.5	4th
351	10th	382	3rd	412	40th
352	8th	383	2nd	412.1	5th
353	8th	384	3rd	412.2	4th*
354	8th	385	4th	412.3	4th*
354.1	3rd	386	4th	413	41st
355	33rd	387	3rd	413.1	13th
356	20th	388	3rd	413.1.1	1st
357	14th	389	3rd	413.1.2	4th
358	12th	390	3rd	413.1.3	4th
359	15th	391	3rd	413.1.4	4th
359.1	1st	392	3rd	413.2	13th
360	13th	393	3rd	413.2.1	11th
360.1	1st	394	3rd	413.2.1.1	4th
361	13th	395	25th	413.2.1.2	4th
362	11th	396	21st	413.2.1.3	7th
363	10th	397	20th	413.2.2	18th
364	8th	398	22nd	413.2.3	14th
365	31st	399	10th	413.2.4	13th
365.1	10th	400	21st	413.2.5	12th
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606	7th	649	2nd	684	Original
606.1	5th	650	2nd	685	Original
606.2	5th	651	2nd	686	Original
606.3	4th	652	6th	687	Original
607	5th	653	4th	688	1st
608	8th	654	5th	689	5th
609	5th	655	2nd	689.1	4th
609.1	2nd	655.1	Original	690	7th
610	3rd	655.2	Original	691	Original
611	4th	655.3	2nd	692	Original
611.1	3rd	655.4	2nd	693	Original
612	5th	655.5	3rd	694	Original
613	6th	655.6	1st	694.1	5th
614	15th	656	Original	694.1.1	Original
615	9th	657	Original	694.2	Original
615.1	4th	658	Original	694.3	Original
616	9th	659	11th	694.4	1st
616.1	Original	659.1	1st	694.5	1st
617	9th	660	4th	694.6	1st
617.1	5th	661	1st	694.7	1st
617.2	3rd	662	4th	694.8	1st
618	2nd	663	4th	694.9	1st
619	9th	664	9th	694.10	1st
619.1	Original	665	4th	694.11	1st
620	8th	666	4th	694.12	1st
621	8th	667	2nd	694.13	1st
622	5th	668	6th	694.14	1st
623	10th	669	4th	694.15	1st
623.1	19th*	670	6th	694.16	1st
623.2	Original	670.1	3rd	694.17	1st
624	2nd	671	6th	694.18	1st
625	7th	671.1	2nd	694.19	1st
626	8th	672	5th	694.20	1st
627	8th	672.1	2nd	694.21	1st
628	5th	673	5th	694.22	1st
629	5th	674	4th	694.23	1st
630	4th	675	5th	694.24	1st
631	5th	676	5th	694.25	1st
632	5th	677	4th	694.26	1st
633	4th	678	3rd	694.27	4th
634	5th	678.1	4th	694.28	1st
635	4th	679	6th	695	3rd
636	4th	679.1	5th	696	3rd
637	5th	679.2	3rd	697	2nd
638	5th	679.2.1	1st	698	2nd
639	8th	679.3	2nd	699	2nd
640	5th	679.4	3rd	700	5th
641	7th	679.5	2nd	701	5th
642	5th	679.6	1st	702	5th
643	5th	679.7	1st	703	4th
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714	2nd	763	5th*	803.1	10th	840.6.3	4th	844.3	2nd
715	2nd	764	3rd	804	7th	840.6.4	4th	845	2nd
716	2nd	765	3rd	805	16th	840.6.5	4th	845.1	1st
717	2nd	766	1st	805.1	6th	840.6.6	4th	845.2	1st
718	2nd	767	1st	806	7th	840.6.7	2nd	845.3	2nd
719	2nd	768	1st	807	4th	840.6.8	2nd	846	5th
720	2nd	769	1st	808	3rd	840.6.9	2nd	846.1	3rd
721	2nd	770	1st	809	1st	840.6.10	2nd	847	2nd
722	2nd	771	1st	809.1	1st	840.6.11	2nd	848	2nd
723	4th*	772	1st	810	10th	840.7	Original	848.1	Original
724	3rd*	773	1st	811	7th	840.8	Original	849	2nd
725	6th	774	2nd	812	1st	840.9	3rd	850	2nd
726	4th*	775	1st	813	1st	840.10	3rd	22-1	3rd
727	1st	776	1st	814	1st	840.11	Original	22-2	2nd
728	1st	777	1st	815	1st	840.12	Original	22-3	2nd
729	4th*	778	1st	816	1st	840.13	1st	22-4	2nd
730	2nd	779	5th	817	1st	840.14	1st	22-5	2nd
731	3rd*	780	2nd	818	1st	840.15	1st	22-6	3rd
732	4th*	781	2nd	819	1st	840.16	1st	22-7	2nd
733	1st	782	1st	820	1st	840.17	1st	22-8	2nd
734	1st	783	4th	821	1st	840.18	Original	22-9	2nd
735	Original	784	5th	822	1st	840.19	Original	22-10	2nd
736	Original	785	2nd	823	1st	840.20	Original	22-11	3rd
737	2nd	786	1st	824	1st	840.21	Original	22-12	2nd
738	3rd	787	1st	825	7th	840.22	Original	22-13	2nd
739	4th	788	2nd	826	1st	840.23	Original	22-14	2nd
740	3rd	789	1st	827	1st	840.23.1	1st	22-15	2nd
741	1st	790	3rd	828	3rd	840.23.2	1st	22-16	2nd
742	1st	790.1	2nd	829	1st	840.23.3	1st	22-17	2nd
743	2nd	790.2	2nd	830	Original	840.23.4	1st	22-18	2nd
744	4th*	790.3	2nd	831	Original	840.23.5	1st	22-19	2nd
745	3rd	790.4	2nd	832	Original	840.23.6	1st	22-20	2nd
746	3rd*	790.5	2nd	833	2nd	840.23.7	1st	22-21	3rd
747	4th*	790.6	2nd	834	Original	840.24	Original	22-22	2nd
748	3rd	790.7	2nd	835	Original	840.25	Original	22-23	2nd
749	3rd*	791	9th	836	1st	840.26	Original	22-24	2nd
750	4th*	792	4th	837	Original	840.27	Original	22-25	2nd
751	2nd	793	6th	838	Original	840.28	Original	22-26	2nd
752	8th	794	9th	839	Original	840.29	Original	22-27	1st
753	5th	795	4th	840	Original	840.30	Original	22-28	Original
754	5th*	796	4th	840.1	5th	840.31	Original	22-29	1st
755	5th	797	6th	840.1.1	5th	841	3rd	22-30	Original
755.1	2nd	798	9th	840.1.2	2nd	842	4th	22-31	Original
756	4th	799	4th	840.2	2nd	842.1	1st	22-32	1st
757	4th	800	6th	840.3	4th	842.2	2nd	22-33	Original
758	2nd	800.1	4th	840.4	3rd	842.3	6th		
759	4th	800.2	5th	840.5	4th	843	8th		
760	2nd	801	10th	840.6	4th	844	4th		

* New or Revised Page

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

Clear Channel Capability
DS3 Service*TR-NPL-000054
TR-INS-000342Optical Interface:
OC-3 Service,
OC-12 Service,
OC-48 Service and
OC-192 ServiceAM-TR-TMO-000072,
AM-TR-TMO-000101 and
AM-TR-NIS-000111

7.2.1 Metallic Service

(A) Basic Channel Description

A Metallic channel is an unconditioned two-wire channel capable of transmitting low speed varying signals at rates up to 30 baud. This channel is provided by metallic or equivalent facilities. Metallic channels are provided between customer designated premises. Interoffice metallic facilities will be limited in length to a total of five miles per channel, and be provided where facilities are available. Interoffice metallic facilities (wire pairs) are in diminishing supply, and can be expected to become less available as optical fiber is deployed and wire cables are removed. (D)

* In these publications, Direct Analog Service is referred to as Voice Grade Service and Base Rate Service as Digital Data Service, and DS1 Service and DS3 Service as High Capacity Service.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.1 Metallic Service (Cont'd)

(B) Technical Specifications Packages

Parameter	C	Package MT		
		1	2	3
DC Resistance				
Between Conductors	X	X	X	
Loop Resistance	X			X
Shunt Capacitance	X			X

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

(C) Network Channel Interfaces

Compatible network channel interfaces are set forth in 7.3 following.

(D)

 (D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.2 Telegraph Grade Service

(A) Basic Channel Description

A Telegraph Grade Channel is an unconditioned channel capable of transmitting binary signals at rates of 0-75 baud or 0-150 baud. This channel is furnished for half-duplex or duplex operation. Telegraph Grade channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

(B) Technical Specifications Packages

Parameter	Package TG -		
	C	1	2
Telegraph Distortion	X	XX	

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

(C) Network Channel Interfaces

Compatible network channel interfaces are set forth in 7.3 following.

(D)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Direct Analog Service (Cont'd)

(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-NPL-000334 and TR-NPL-000335. The technical specifications for dropouts, phase hits, and gain hits are delineated in Technical Reference PUB 41004, Table 4.

(C) Network Channel Interfaces

The following network channel interfaces for Direct Analog Service do not require signaling capability: AH, DA, DB, DD, DE, DS, NO, PR and TF.

The following network channel interfaces for Direct Analog Service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

The following interfaces are available with DAL Service:
LO, LS, DS, GO, GS, EA, EB, RV.

Compatible network channel interfaces are set forth in 7.3 following.

(D) Optional Features and Functions

(1) Central Office Bridging Capability

- (a) Voice and DAL Bridging (two-wire and four-wire)
- (b) Data Bridging (two-wire and four-wire)

(D)
|
(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Direct Analog Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(2) Reserved for Future Use (T)

(D)

(D)

(3) Conditioning

Conditioning provides more specific transmission characteristics for Direct Analog Service. C-Type conditioning controls attenuation distortion and envelope delay distortion. Sealing Current helps maintain continuity on dry metallic loops.

In addition, a customer may desire that either the attenuation distortion or the envelope delay distortion, or both, be improved to more stringent specifications than those provided with C-Type conditioning. In such cases the customer has the option of ordering Improved Attenuation Distortion and Improved Envelope Delay Distortion, either separately or in combination, in lieu of C-Type conditioning. When either improved option (Improved Attenuation Distortion or Improved Envelope Delay Distortion) is ordered without the other, the performance specifications for the other parameter will be those provided with C-Type conditioning at no additional charge.

For two-point services, the parameters apply to each service. For multipoint services, the parameters apply to each mid-link or end-link. C-Type conditioning and Data Capability may be combined on the same service.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Direct Analog Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(7) Data Capability (Cont'd)

The Signal to C-Notched Noise Ratio and intermodulation distortion parameters for Data Capability are:

- Signal to C-Notched Noise Ratio is equal to or greater than 32dB
- Intermodulation distortion:
 - Signal to second order modulation products (R2) is equal to or greater than 38dB
 - Signal to third order modulation products (R3) is equal to or greater than 42dB

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

(8) Reserved for Future Use

(T)

(D)

(D)

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ACCESS SERVICE

7. Special Access Services (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Direct Analog Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(9) 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.

(10) Reserved for Future Use (T)

(D)
(D)

(11) Reserved for Future Use (T)

(D)

—
(D)

(12) DAL Options

(a) DAL Improved Voice Transmission

(i) Improved two-wire voice transmission (D)

—
(D)

(b) Other Options

Certain other options associated with DAL services are either Line Termination or Common Switching optional features as defined in Section 6 preceding.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Direct Analog Service (Cont'd)

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

	Available with Technical Specifications Package VG-												
	C	1	2	3	4	5	6	7	8	9	10	11	12
C-Type Conditioning Central Office Bridging Capability	X					X	X	X	X	X	X		
Central Office Multiplexing	X		X			X	X				X	X	X
Code Select Signaling Arrangement	X		X				X						
Customer Specified Premises Receive Level	X		X	X				X	X	X			
Data Capability	X						X	X			X		
Improved Attenuation Distortion	X					X	X	X	X	X	X		
Improved Envelope Delay Distortion	X					X	X	X	X	X	X		
Improved Termination	X	X	X	X	X	X	X	X	X	X	X	X	X
Improved Return Loss For Effective Two-Wire Transmission	X		X	X				X					
Sealing Current Conditioning	X					X	X				X		
Signaling Capability	X	X	X	X				X	X	X			

(D)
(D)

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7. Special Access Service (cont'd)

7.2 Service Descriptions (cont'd)

7.2.9 Base Rate Services, DS1 Service and DS3 Service (cont'd)

(B) Channel Configuration (cont'd)

(3) Optional Features and Functions (cont'd)

Base Rate Services, DS1 Service and
 DS3 Service

(Application of Optional Features and Functions by Terminating Speeds)

	2.4 Kbps	4.8 Kbps	9.6 Kbps	56.0 Kbps	19.2 Kbps	64.0 Kbps	64.0 Kbps	1.544 Mbps	44.73 6 Mbps
	PACKAGES								
Parameter	DA-1	DA-2	DA-3	DA-4	DA-5	DA-6	HC-0	HC-1	HC-3
Central Office, Bridging Capability	X	X	X	X					
Secondary Channel	X	X	X	X					
Clear Channel Capabiity								X	
Interconnection - Central Office Multiplexing									
- DS3 to DS1									X
- DS1 to Base Rate/128.0, 256.0, 384.0, 512.0, 768.0 Kbps Transport								X	
Fiber Hub Cross-Connection ^{/1/}								X	
NRS Terminations ^{/2/}	X	X	X	X	X	X	X	X	X
Multiplexer Cross-Connection								X	X

(D)

/1/ Description of this optional feature and function is delineated in Section 7.4 following.

/2/ Description of the Network Reconfiguration Service (NRS) is delineated in Section 7.2.9(B)(5) following.

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7. Special Access Service (Cont'd)

7.5 Rates and Charges

Rates are subject to subsequent adjustment, effective retroactively in light of USTA v. FCC, (Case No. 97-1469) (slip. op. May 21, 1999) (D.C. Cir.), or pursuant to pending motions or petitions or any other adjustment pursuant to a Commission or court order.

7.5.1 Metallic Service

	USOC	Monthly Rate
(A) Local Distribution Channel - Per point of termination - All states	TNJG2	\$17.90
(B) Channel Mileage Termination - Per point of mileage termination - All states	CM6	None
(C) Channel Mileage* - Per mile - All states	1L5XX	9.46

(D)

 (D)

* Metallic circuits beyond five miles are limited to existing circuits.

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.2 Telegraph Grade Service

	USOC	Monthly Rate
(A) Local Distribution Channel		
- Per point of termination		
- Two-Wire		
- All states	T6E2X	\$32.83
- Four-Wire		
- All states	T6E4X	37.34
(B) Channel Mileage Termination		
- Per point of mileage termination		
- All states	CM6	14.97
(C) Channel Mileage		
- Per mile		
- All states	1L5XX	1.39

(D)
 |
 (D)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Direct Analog Service (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge
(D) Optional Features and Functions (Cont'd)			
(1) Bridging (Cont'd)			
(b) Data Bridging			
Two-Wire/our-Wire			
- Per Port			
- Two-Wire			
- All states	BCND2	\$5.75	None
- Four-Wire			
- All states	BCND4	7.50	None

(D)
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 (D)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Direct Analog Service (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge
(D) Optional Features and Functions (Cont'd)			

(D)

(D)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Direct Analog Service (Cont'd)

(D) Optional Features and Functions (Cont'd)	USOC	Monthly Rate	Nonrecurring Charge
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(D)

 (D)

(2) Conditioning			
- Per point of termination			
C - Type			
- All states	X1CPT	\$5.10(R)	None
Improved Attenuation Distortion			
- All states	UHW	5.75(R)	\$ 77.55
Improved Envelope Delay Distortion			
- All states	UHY	66.90(R)	310.20
Sealing Current			
- All states	1HBPT	None	None

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Direct Analog Service (Cont'd)

(D) Optional Features and Functions (Cont'd)	USOC	Monthly Rate	Nonrecurring Charge	
(3) Improved Return Loss for Effective Two-Wire Transmission - Per point of termination - Two-Wire - All states	1RL2W	\$ 2.35	None	
(4) Improved Termination - Per point of termination - Four-Wire All states	CP6	2.05	None	
(5) Customer Specified Receive Level - Per point of termination - All states	RLS	.75	None	
(6) Reserved for Future Use				(T) (D) (D) (D)
(7) Data Capability - Per point of termination - All states	XDCPT	6.00	\$310.20	
(8) Reserved for Future Use				(T) (D) (D) (D)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Direct Analog Service (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge
(D) Optional Features and Functions (Cont'd)			
(10) Reserved for Future Use			(D)
(11) Reserved for Future Use			(D)

(D)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Direct Analog Service (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge	
(D) Optional Features and Functions (Cont'd)				
(12) DAL Improved Voice Transmission Improved Two-Wire transmission specifications - Per two-wire point of termination - All states	X2T	None	None	(D)
(13) Line-Powered Data Station Termination Unit (Available with VG-6) - Per Point of Termination -All States	LUN	7.97	None	(D)
(14) DS0 Fiber Hub Cross-Connection Direct Analog to Direct Analog 1 Day Notice	CX901	None	206.80	
3 Days Notice	CX903	None	155.10	

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.8 (Cont'd)

(D)

(D)

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ACCESS SERVICE

7. Special Access Service (cont'd)

7.5 Rates and Charges (cont'd)

7.5.9 Base Rate Services, DS1 Service and DS3 Service (Cont'd)

(A) Base Rate Service (Cont'd)

(D)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 Base Rate Services, DS1 Service and DS3 Service (Cont'd)

(B) DS1 Service

(5) Optional Features and Functions

(c) Reserved for Future Use

(T)

(D)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 Base Rate Services, DS1 Service and DS3 Service (Cont'd)

(B) DS1 Service (Cont'd)

(5) Optional Features and Functions (Cont'd)

(c) Reserved for Future Use (Cont'd)

(T)

(D)

(D)

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ACCESS SERVICE

16. Ameritech Interconnection Services (Cont'd)

16.5 Rates and Charges (Cont'd)

(4) Ameritech Cross-Connection Service for Interconnection
(ACCSI) - for all AIS Services (Cont'd)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>	
(B) Special Access Connections: (Cont'd)				
DS1				
Wisconsin Only	CXCDX	\$0.52	N/A	
All Other States	CXCDX	\$6.89	N/A	
DS3				
Wisconsin Only	CXCEX	\$0.96	N/A	
All Other States	CXCEX	\$1.01	N/A	
OC-3	CXCMX/OCCCX	\$104.00	N/A	
OC-12	CXCNX/OCCDX	\$550.00	N/A	
OC-48	CXCZX/OCCFX	\$1,100.00	N/A	
OC-192	CZCAX	\$8,250.00	N/A	(D)
WaveMAN SM				
OC-48	CXCZX	\$1,880.00	\$400.00	
OC-192	C2CAX	\$3,760.00	\$400.00	
Ethernet Optical Collocation Cross-Connect				
	CCCA2	\$750.00	\$400.00	
GigaMAN [®]				
- 1 Gigabit Ethernet	OCLGX	\$1,500.00	\$400.00	
AT&T Switched Ethernet Service SM				
- 1 Gigabit Ethernet	OCLGX	\$0.45	\$97.98	
- 10 Gigabit Ethernet	OCLHX	\$0.45	\$97.98	
OPT-E-MAN [®]				
- 1 Gigabit Ethernet	OCLGX	\$100.00	\$200.00	
CSME				
- 1 Gigabit Ethernet	OCLGX	\$100.00	\$200.00	
DecaMAN [®]				
- 10 Gigabit Ethernet	OCLHX	\$3,500.00	\$400.00	

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21. Metropolitan Statistical Area Access Services (Cont'd)

21.5 Rates and Charges

21.5.2 Special Access Service (Cont'd)

Rates are subject to subsequent adjustment, effective retroactively in light of USTA v. FCC, (Case No. 97-1469) (slip. op. May 21, 1999) (D.C. Cir.), or pursuant to pending motions or petitions or any other adjustment pursuant to a Commission or court order.

21.5.2.1 Metallic Service

	USOC	Monthly Rate
(A) Local Distribution Channel - Per point of termination - All states	TNJG2	\$17.90
(B) Channel Mileage Termination - Per point of mileage termination - All states	CM6	None
(C) Channel Mileage* - Per mile - All states	1L5XX	9.46

(D)

 (D)

* Metallic circuits beyond five miles are limited to existing circuits.

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21. Metropolitan Statistical Area Access Services (Cont'd)

21.5 Rates and Charges (Cont'd)

21.5.2 Special Access Service (Cont'd)

21.5.2.2 Telegraph Grade Service

	<u>USOC</u>	<u>Monthly Rate</u>
(A) Local Distribution Channel		
- Two-Wire		
- Per point of termination		
- All states	T6E2X	\$32.83
- Four-Wire		
- Per point of termination		
- All states	T6E4X	37.34
(B) Channel Mileage Termination		
- Per point of mileage termination		
- All states	CM6	14.97
(C) Channel Mileage		
- Per mile		
- All states	1L5XX	1.39

(D)

 (D)

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21. Metropolitan Statistical Area Access Services (Cont'd)

21.5 Rates and Charges (Cont'd)

21.5.2 Special Access Service (Cont'd)

21.5.2.3 Direct Analog Service (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge
(D) Optional Features and Functions (Cont'd)			
(1) Bridging (Cont'd)			
(b) Data Bridging			
Two-Wire/our-Wire			
- Per Port			
- Two-Wire			
- All states	BCND2	\$6.61	None
- Four-Wire			
- All states	BCND4	8.66	None

(D)
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 (D)

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Metropolitan Statistical Area Access Services (Cont'd)

21.5 Rates and Charges (Cont'd)

21.5.2 Special Access Service (Cont'd)

21.5.2.3 Direct Analog Service (Cont'd)

(D) Optional Features and Functions (Cont'd)	USOC	Monthly Rate	Nonrecurring Charge	
(3) Improved Return Loss for Effective Two-Wire Transmission - Per point of termination - Two-Wire - All states	1RL2W	\$ 2.71	None	
(4) Improved Termination - Per point of termination - Four-Wire All states	CP6	2.38	None	
(5) Customer Specified Receive Level - Per point of termination - All states	RLS	1.01	None	
(6) Reserved for Future Use				(T) (D) (D) (D)
(7) Data Capability - Per point of termination - All states	XDCPT	6.90	\$310.20	
(8) Reserved for Future Use				(T) (D) (D) (D)

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21. Metropolitan Statistical Area Access Services (Cont'd)

21.5 Rates and Charges (Cont'd)

21.5.2 Special Access Service (Cont'd)

21.5.2.3 Direct Analog Service (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge	
(D) Optional Features and Functions (Cont'd)				
(10) Reserved for Future Use				(T) (D) (D) (D)
(11) Reserved for Future Use				(T) (D)

(D)

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21. Metropolitan Statistical Area Access Services(Cont'd)

21.5 Rates and Charges (Cont'd)

21.5.2 Special Access Service (Cont'd)

21.5.2.3 Direct Analog Service (Cont'd)

(D) Optional Features and Functions (Cont'd)	USOC	Monthly Rate	Nonrecurring Charge
(12) DAL Improved Voice Transmission Improved Two-Wire transmission specifications - Per two-wire point of termination - All states	X2T	None	None
(13) Line-Powered Data Station Termination Unit (Available with VG-6) - Per Point of Termination -All States	LUN	9.17	None
(14) DS0 Fiber Hub Cross-Connection Direct Analog to Direct Analog 1 Day Notice 3 Days Notice	CX901 CX903	None None	206.80 155.10

(D)
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 (D)

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21. Metropolitan Statistical Area Access Services (Cont'd)

21.5 Rates and Charges (Cont'd)

21.5.2 Special Access Service (Cont'd)

21.5.2.6 Direct Digital Service*

State of Illinois	USOC	Monthly Rate
(A) Local Distribution Channel		
- Per point of termination		
2.4 Kbps	T6ECS	\$100.00
4.8 Kbps	T6ECS	100.00
9.6 Kbps	T6ECS	100.00
56.0 Kbps	T6ECS	100.00
(B) Channel Mileage Termination		
- Per point of mileage termination		
2.4 Kbps	CM6	None
4.8 Kbps	CM6	None
9.6 Kbps	CM6	None
56.0 Kbps	CM6	None
(C) Channel Mileage		
- Per mile		
2.4 Kbps	1L5XX	\$1.40
4.8 Kbps	1L5XX	1.40
9.6 Kbps	1L5XX	1.40
56.0 Kbps	1L5XX	1.40

(D)

 (D)

* Direct Digital Service is limited to circuits in place as of February 26, 1999 and available only until January 1, 2000, at which time the service will no longer be available. For regulations specific to DDS availability, limitations and conversions, see Section 7.4.20 preceding.

(D)

 (D)

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ACCESS SERVICE

21. Metropolitan Statistical Area Access Services (Cont'd)

21.5 Rates and Charges (Cont'd)

21.5.2 Special Access Service (Cont'd)

21.5.2.6 Direct Digital Service* (Cont'd)

State of Michigan

	USOC	Monthly Rate
(A) Local Distribution Channel		
- Per point of termination		
2.4 Kbps	T6ECS	\$100.00
4.8 Kbps	T6ECS	100.00
9.6 Kbps	T6ECS	100.00
56.0 Kbps	T6ECS	100.00
(B) Channel Mileage Termination		
- Per point of mileage termination		
2.4 Kbps	CM6	None
4.8 Kbps	CM6	None
9.6 Kbps	CM6	None
56.0 Kbps	CM6	None
(C) Channel Mileage		
- Per mile		
2.4 Kbps	1L5XX	\$1.40
4.8 Kbps	1L5XX	1.40
9.6 Kbps	1L5XX	1.40
56.0 Kbps	1L5XX	1.40

(D)

(D)

* Direct Digital Service is limited to circuits in place as of February 26, 1999 and available only until January 1, 2000, at which time the service will no longer be available. For regulations specific to DDS availability, limitations and conversions, see Section 7.4.20 preceding.

(D)

(D)

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21. Metropolitan Statistical Area Access Services (Cont'd)

21.5 Rates and Charges (Cont'd)

21.5.2 Special Access Service (Cont'd)

21.5.2.6 Direct Digital Service* (Cont'd)

State of Ohio (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge	
(D) Reserved for Future Use				(T) (D) ----- (D)
(E) Secondary Channel				
- Per Local Distribution Channel				
- 2.4 Kbps	SCA24	32.00	None	
- 4.8 Kbps	SCA48	32.00	None	
- 9.6 Kbps	SCA96	32.00	None	
- 56.0 Kbps*	SCA56	32.00	None	

* Direct Digital Service is limited to circuits in place as of February 26, 1999 and available only until January 1, 2000, at which time the service will no longer be available. For regulations specific to DDS availability, limitations and conversions, see Section 7.4.20 preceding.

(D)

(D)

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ACCESS SERVICE

21. Metropolitan Statistical Area Access Services (Cont'd)

21.5 Rates and Charges (Cont'd)

21.5.2 Special Access Service (Cont'd)

21.5.2.6 Direct Digital Service* (Cont'd)

State of Wisconsin

	USOC	Monthly Rate
(A) Local Distribution Channel		
- Per point of termination		
2.4 Kbps	T6ECS	\$100.00
4.8 Kbps	T6ECS	100.00
9.6 Kbps	T6ECS	100.00
56.0 Kbps	T6ECS	100.00
(B) Channel Mileage Termination		
- Per point of mileage termination		
2.4 Kbps	CM6	None
4.8 Kbps	CM6	None
9.6 Kbps	CM6	None
56.0 Kbps	CM6	None
(C) Channel Mileage		
- Per mile		
2.4 Kbps	1L5XX	\$ 1.40
4.8 Kbps	1L5XX	1.40
9.6 Kbps	1L5XX	1.40
56.0 Kbps	1L5XX	1.40

(D)

 (D)

* Direct Digital Service is limited to circuits in place as of February 26, 1999 and available only until January 1, 2000, at which time the service will no longer be available. For regulations specific to DDS availability, limitations and conversions, see Section 7.4.20 preceding.

(D)

 (D)

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ACCESS SERVICE

21. Metropolitan Statistical Area Access Services (Cont'd)

21.5 Rates and Charges (Cont'd)

21.5.2 Special Access Services (Cont'd)

21.5.2.7 Base Rate Services, DS1 Service and DS3 Service (Cont'd)

(A) Base Rate Service (Cont'd)

(5) Optional Features and Functions (Cont'd)

		Nonrecurring Charges Customer Requested Response Time in Work Days	
	USOC	3 Day	1 Day
(d) Cross-Connection of Services			
DSO to DSO (Base Rate to Base Rate) Cross-Connect - All States	CX903 CX901	\$150.00	\$200.00
(e) Shared Network Arrangement	USOC	Nonrecurring Charge	
- Processing Charge Per Service Order - All States	NRBOP	\$34.50	

(D)

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ACCESS SERVICE

21. Metropolitan Statistical Area Access Services (Cont'd)

21.5 Rates and Charges (Cont'd)

21.5.2 Special Access Service (Cont'd)

21.5.2.7 Base Rate Services, DS1 Service and DS3 Service (Cont'd)

(B) DS1 Service (Cont'd)

(5) Optional Features and Functions (Cont'd)

(c) Reserved for Future Use

(T)

(D)

(D)

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