

## ACCESS SERVICE

## RATES, RULES AND CHARGES

Title Page and Pages 1 to 22-45, inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement No. 7 contains all changes from the original tariff that are in effect on the date hereof.

## CHECK SHEET

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1	246th*	23	Original
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1.2	99th	25	1st
1.2.1	1st	26	1st
1.3	7th	27	Original
1.4	24th	28	1st
1.5	63rd*	29	1st
1.5.1	13th	30	2nd
1.6	26th	31	1st
1.7	10th*	1-1	Original
1.7.1	2nd	1-2	3rd
1.8	15th	2-1	2nd
1.9	56th	2-2	2nd
1.10	17th	2-3	1st
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1.12	36th	2-5	3rd
1.13	17th	2-5.1	1st
1.14	6th	2-6	1st
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7	3rd	2-12	1st
8	2nd	2-13	Original
9	Original	2-14	6th
10	6th	2-15	5th
11	1st	2-15.1	4th
12	1st	2-16	Original
13	1st	2-17	4th
14	Original	2-18	Original
15	2nd	2-19	Original
16	4th	2-20	Original
17	5th	2-21	Original
18	1st	2-22	Original
19	4th	2-23	Original
20	1st	2-24	Original
21	4th	2-25	Original
22	4th	2-26	1st
22.1	1st	2-27	Original
22.2	35th	2-28	Original
22.3	6th	2-29	Original

\* New or Revised

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7-31	Original	7-81.5	6th
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7-41	1st	7-85.2	2nd
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7-43	Original	7-87	5th
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7-48	Original	7-88	2nd
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7-50	Original	7-90	3rd
7-51	Original	7-91	3rd
7-52	1st	7-91.1	5th
7-53	1st	7-91.2	5th
7-54	Original	7-91.2.1	2nd
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7-56	9th	7-91.4	2nd
7-57	Original	7-91.5	2nd
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7-59	Original	7-91.7	2nd
7-60	Original	7-91.8	2nd
7-61	2nd	7-91.9	2nd
7-62	3rd	7-91.10	2nd
7-63	1st	7-92	6th
7-64	2nd	7-93	5th
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7-68	Original	8-3	5th
7-69	2nd	8-3.1	3rd
7-69.1	2nd	8-4	3rd
7-69.2	2nd	8-5	3rd
7-70	Original	8-6	2nd
7-71	Original	8-7	4th
7-72	Original	8-8	4th
7-73	9th	8-9	4th
7-74	Original	8-10	4th
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7-76	Original	8-12	2nd
7-77	1st	8-13	2nd
7-78	1st	8-14	2nd
7-78.1	Original	8-15	5th
7-79	4th	8-16	3rd
7-79.1	Original	8-17	5th
7-80	4th	8-18	4th
		8-19	3rd

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## RATES, RULES AND CHARGES

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13-53	Original	15-38	Original
13-54	Original	15-39	Original
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15-5	Original	16-2	3rd
15-6	Original	16-3	2nd
15-7	Original	16-4	2nd
15-8	Original	16-5	2nd
15-9	Original	16-6	2nd
15-10	Original	16-6.1	2nd
15-11	Original	16-7	2nd
15-12	Original	16-8	2nd
15-13	Original	16-9	2nd
15-14	Original	16-10	2nd
15-15	1st*	16-11	2nd
15-16	Original	16-12	2nd
15-17	Original	16-13	2nd
15-18	Original	16-14	2nd
15-19	Original	16-15	2nd
15-20	Original	16-16	2nd
15-21	Original	16-17	2nd
15-22	Original	16-18	2nd
15-23	1st*	16-19	2nd
15-24	Original	16-20	2nd
15-25	Original	16-21	2nd
15-26	Original	16-22	2nd
15-27	Original	16-23	3rd
15-28	Original	16-24	2nd
15-29	1st*	16-25	3rd
15-30	Original	16-26	2nd
15-31	Original		
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7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.2 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, TR-NPL-000335 and associated Addendum. The technical specifications for dropouts, phase hits, and gain hits are delineated in Technical Reference PUB 41004, Table 4.

7.7.3 Channel Interfaces

The following channel interfaces for Voice Grade service do not require signaling capability: AH, DA, DB, DM, DS, NO, PR and TF. (D)

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

Compatible channel interfaces are set forth in Section 15.3, following. (T)

7.7.4 Optional Features and Functions(A) Central Office Bridging Capability

(1) Voice Bridging (two-wire and four-wire)

(2) Data Bridging (two-wire and four-wire)

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15. Interface Groups, Transmission Specifications and Channel Interfaces  
(Cont'd)

15.2 Transmission Specifications Switched Access Service

15.2.1 Standard Transmission Specifications

Following are descriptions of the Standard Transmission Specifications available with Basic Service Arrangements Switched Access Service Feature Groups. The specific applications in terms of the Service Arrangements or Feature Groups and Interface Groups with which the Switched Access Standard Transmission Specifications are provided as set forth in Sections 6.2.1(C), 6.2.2(C), and 6.2.4(C), preceding. (D)

(A) Type A Transmission Specifications

Type A Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measure Loss (EML) is  $\pm 2.0$  dB.

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15. Interface Groups, Transmission Specifications and Channel Interfaces  
 (Cont'd)

15.2 Transmission Specifications Switched Access Service (Cont'd)

15.2.1 Standard Transmission Specifications (Cont'd)

(C) Type C Transmission Specifications (Cont'd)

(5) Echo Control

Echo Control, identified as Return Loss and expressed as Echo Return Loss and Singing Return Loss, is dependent on the routing, i.e., whether the service is routed directly from the customer's Point of Termination (POT) to the end office or via an access tandem. It is equal to or greater than the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem	13 dB	6 dB
POT to End Office		
- Direct	13 dB	6 dB
- Via Access Tandem (for FGB only)	8 dB	4 dB

15.2.2 Data Transmission Parameters

Two types of Data Transmission Parameters, i.e., Type DA and Type DB, are provided for the Feature Group arrangements. The specific applications in terms of the Feature Groups with which they are provided are set forth in Sections 6.2.1(C), (T) 6.2.2(C), and 6.2.4(C), preceding. Following are descriptions (D) of each.

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15. Interface Groups, Transmission Specifications and Channel Interfaces  
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes15.3.1 Glossary of Channel Interface Codes and Options

<u>Code</u>	<u>Option</u>	<u>Definition</u>	
AB	-	accepts 20 Hz ringing signal at customer's point of termination	
AC	-	accepts 20 Hz ringing signal at customer's end user's point of termination	
AH	-	analog high capacity interface	
	B	60 khz to 108 khz (12 channels)	
	C	312 khz to 552 khz (60 channels)	
	D	564 khz to 3084 khz (600 channels)	
CC	-	Contact closure EC provided dry contact closure toward interface	
CT	-	Centrex Tie Trunk Termination	
DA	-	data stream in VF frequency band at customer's end user's point of termination	
DB	-	data stream in VF frequency band at customer's point of termination	
DM	-	Data stream in the VF band at CO location, interface at data modem in CO	(D)
	2	1200 Bps 212AR type modem operation	
	3	1200 Bps 202T type modem operation	
DS	-	Digital hierarchy interface	
	15	1.544 Mbps (DS1) format per PUB 41451 plus D4	
	15E	8-bit PCM encoded in one 64 kbps of the DS1 signal	
	15F	8-bit PCM encoded in two 64 kbps of the DS1 signal	

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