

ACCESS SERVICE CHECK SHEET

Title Pages 1 and 2 and Pages 1 to 25-126 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement Nos. 13, 14, 15, 16, 17, 19, 20, 28, 29, and 31 contain all changes from the original tariff that are in effect on the date hereof.

<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>
Title 1	2nd	28	7th	2-15	3rd
Title 2	7th	29	8th	2-15.1	3rd
		30	2nd	2-15.2	4th
1	556th*	31	5th	2-16	5th
1.1	23rd	32	3rd	2-16.1	5th
1.2	10th	33	6th	2-17	5th
2	156th	34	4th	2-18	4th
3	17th	35	8th	2-19	5th
4	21st	36	4th	2-20	5th
5	58th	37	15th	2-21	5th
6	57th	37.1	32nd	2-22	4th
7	74th*	37.1.1	26 th	2-22.1	4th
8	55th	37.1.2	6th	2-23	3rd
8.1	26th	37.2	7th	2-23.1	1st
9	80th	37.3	Original	2-23.2	1st
9.1	32nd	38	3rd	2-24	1st
9.2	5th	39	7th	2-25	1st
10	44th	40	9th	2-26	5th
11	31st	41	9th	2-26.1	2nd
11.1	Original	42	5th	2-26.2	2nd
12	12th	43	9th	2-26.3	2nd
12.1	8th	43.1	Original	2-27	4th
13	37th	44	3rd	2-27.1	1st
14	56th	45	2nd	2-28	1st
14.1	19th	45.1	1st	2-29	3rd
15	47th	45.2	1st	2-29.1	1st
16	36th	46	12th	2-30	3rd
16.1	38th	46.1	1st	2-31	3rd
16.2	27th	47	5th	2-32	2nd
16.2.1	12th	47.1	3rd	2-33	1st
16.2.2	6th	47.2	2nd	2-34	3rd
16.2.3	10th			2-34.1	1st
16.2.4	7th	1-1	6th	2-35	1st
16.2.5	7th			2-36	1st
16.3	21st	2-1	Original	2-37	4th
16.4	27th	2-2	Original	2-38	2nd
16.5	4th	2-3	1st	2-39	3rd
17	1st	2-4	Original	2-40	1st
18	9th	2-5	1st	2-40.1	3rd
19	2nd	2-6	Original	2-40.2	5th
19.1	1st	2-7	3rd	2-41	1st
20	2nd	2-8	3rd	2-42	1st
21	3rd	2-9	4th	2-43	1st
22	10th	2-9.1	Original	2-44	1st
22.1	1st	2-10	2nd	2-45	2nd
23	1st	2-11	3rd	2-46	3rd
24	1st	2-11.1	Original	2-47	2nd
25	1st	2-12	2nd	2-48	1st
26	4th	2-13	2nd	2-49	1st
27	7th	2-14	Original		

* New or Revised Pages

(Issued under Transmittal No. 1341)

Issued: November 23, 2016

Effective: December 8, 2016

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

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7-3	4th	7-46	3rd	7-87	2nd
7-4	7th	7-46.1	1st	7-88	2nd
7-5	3rd	7-47	2nd	7-89	3rd
7-6	Original	7-48	1st	7-90	7th
7-7	1st	7-49	1st	7-90.1	1st
7-8	Original	7-50	2nd	7-90.2	2nd
7-9	Original	7-51	Original	7-91	7th
7-10	Original	7-52	Original	7-92	2nd
7-11	Original	7-52.1	1st	7-93	2nd
7-12	1st	7-52.2	1st	7-94	2nd
7-13	Original	7-53	1st	7-95	2nd
7-14	1st	7-54	1st	7-96	2nd
7-15	Original	7-55	1st	7-96.1	Original
7-16	7th	7-56	1st	7-97	4th
7-16.1	Original	7-57	1st	7-98	4th
7-17	1st	7-58	5th*	7-99	3rd
7-17.1	Original	7-58.1	Original*	7-99.1	Original
7-18	2nd	7-59	1st	7-100	5th
7-19	2nd*	7-60	2nd	7-101	3rd
7-19.1	Original*	7-60.1	2nd*	7-101.1	1st
7-20	2nd	7-60.1.1	Original*	7-101.2	1st
7-21	1st	7-60.2	1st	7-101.3	2nd
7-22	1st	7-60.3	2nd	7-102	9th
7-23	1st	7-60.4	1st	7-102.1	7th
7-24	2nd	7-61	3rd	7-102.2	1st
7-25	2nd	7-62	1st	7-102.3	1st
7-26	1st	7-63	Original	7-102.4	2nd
7-27	1st	7-64	Original	7-102.5	2nd
7-28	1st	7-65	1st	7-103	6th
7-29	2nd*	7-66	Original	7-103.1	3rd
7-29.1	Original*	7-67	1st	7-103.2	2nd
7-30	2nd	7-68	1st	7-103.3	1st
7-31	1st	7-69	Original	7-104	4th
7-32	1st	7-70	Original	7-104.1	1st
7-33	3rd	7-70.1	1st	7-105	2nd
7-34	1st	7-70.2	Original	7-105.1	1st
7-34.1	Original	7-71	Original	7-106	6th
7-35	1st	7-72	4th	7-106.1	8th
7-36	1st	7-72.1	1st	7-107	9th
7-37	Original	7-73	3rd	7-107.1	6th
7-38	1st	7-74	3rd	7-107.1.1	2nd
7-39	1st	7-75	10th	7-107.1.2	2nd
7-40	1st	7-75.1	1st	7-107.1.3	2nd
7-41	2nd	7-76	3rd	7-107.1.4	2nd
7-41.1	1st	7-77	Original	7-107.2	1st
7-41.2	Original	7-78	Original	7-107.3	2nd
7-41.3	Original	7-79	1st	7-108	2nd
7-41.4	Original	7-80	Original	7-109	1st
7-42	2nd	7-81	Original	7-110	3rd
7-43	1st	7-82	Original	7-111	1st
7-43.1	Original	7-83	Original	7-111.1	4th
		7-84	Original		
		7-85	2nd		

* New or Revised Pages

(Issued under Transmittal No. 1341)

Issued: November 23, 2016

Effective: December 8, 2016

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service#

(A) Basic Channel Description

A Voice Grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated as analog two-wire or four-wire, or, where facilities permit, as a four-wire in a digital format when used in conjunction with another Voice Grade Channel Termination at the other end. Voice Grade channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

No new customers may place orders for Voice Grade Service as of the date specified for the locations in the following table. The Telephone Company will continue to provide Voice Grade Service pursuant to this Section 7.2.3 to existing customers in these wire centers with in-service Voice Grade Service as the specified effective date, or orders for Voice Grade Service placed with the Telephone Company prior to the specified effective date: (T)

Effective Date:	Wire Center:
November 19, 2014	Farmingdale, NJ (FRDLNJ01) Hummelstown, PA (HUMLPAM) Ocean View, VA (NRFLVAOV)
December 8, 2016	Bethesda, MD (CHCHMDBE) Bloomfield, NJ (BLFDNJBL) Collingswood, NJ (CLWDNJCW) Cranford, NJ (CRFRNJCR) Hackensack, NJ (HCKNNJHK) Haddonfield, NJ (HDFDNJHD) Bergen, NJ (JRCYNJBR) Journal Square, NJ (JRCYNJJO) Morristown, NJ (MRTWNJMR) New Brunswick, NJ (NBWKNJNB) Jenkintown, PA (JENKPAJK) Kirklyn, PA (KRLNPAKL) Mechanicsburg, PA (MBRGPAME) Mayfair, PA (PHLAPAMY) Pilgrim, PA (PHLAPAPI) Tullytown, PA (TULYPATU) Columbia Pike, VA (ARTNVACK) Falls Church, VA (ARTNVAFC) Springfield, VA (SPFDVASP)

(T)
 (T)
 (N)
 (N)

Certain material previously found on this page can now be found on Original Page 7-19.1.

(Issued under Transmittal No. 1341)

Issued: November 23, 2016

Effective: December 8, 2016

Vice President, Federal Regulatory
 1300 I Street, NW, Washington, DC 20005

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(B) Technical Specifications Packages

Parameter	C*	Package VG-											
		1	2	3	4	5	6	7	8	9	10	11	12
Attenuation													
Distortion	X	X	X	X	X	X	X	X	X	X	X	X	X
C-Message Noise	X	X	X	X	X	X	X	X	X	X	X	X	X
Echo Control	X	X	X	X		X		X	X			X	X
Envelope Delay													
Distortion	X						X	X	X	X	X	X	X
Frequency Shift	X						X	X	X	X	X	X	X
Impulse Noise	X					X	X	X	X	X	X	X	X
Intermodulation													
Distortion		X						X	X	X	X	X	X
Loss Deviation	X	X	X	X	X	X	X	X	X	X	X	X	X
Phase Hits, Gain													
Hits, and													
Dropouts													X
Phase Jitter		X						X	X	X	X	X	X
Signal-to-C													
Message Noise													X
Signal-to-C													
Notch Noise	X					X	X	X	X	X	X	X	X

(M)

(M)

* The desired parameters are selected by the customer from the list of available parameters.

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Service availability limited. Refer to # footnote on Page 7-19.

(N)

Material on this page formerly appeared on 1st Revised Page 7-19.

(Issued under Transmittal No. 1341)

Issued: November 23, 2016

Effective: December 8, 2016

Vice President, Federal Regulatory
1300 I Street, NW, Washington, DC 20005

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3.1 WATS Access Line Service#

(A) Basic Channel Description

A WATS Access Line Service is a channel which provides voice frequency transmission capability. The service provides customer premise to customer premise connection through the combination of a WATS Access Connection (WAC), a dedicated channel between the customer's end user's premises and a WATS Serving Office (WSO) equipped with Lineside BSA or Trunkside BSAs service as set forth in Section 6 preceding. The WAC is dedicated to one customer who has the ability to transport traffic interstate.

No new customers may place orders for WATS Access Line Service as of the date specified for the locations in the following table. The Telephone Company will continue to provide WATS Access Line Service pursuant to this Section 7.2.3.1 to existing customers in these wire centers with in-service WATS Access Line Service as the specified effective date, or orders for WATS Access Line Service placed with the Telephone Company prior to the specified effective date:

(T)
 (T)
 (N)
 (N)

Effective Date:	Wire Center:
November 19, 2014	Farmingdale, NJ (FRDLNJ01) Hummelstown, PA (HUMLPAHM) Ocean View, VA (NRFLVAOV)
December 8, 2016	Bethesda, MD (CHCHMDBE) Bloomfield, NJ (BLFDNJBL) Collingswood, NJ (CLWDNJCW) Cranford, NJ (CRFRNJCR) Hackensack, NJ (HCKNNJHK) Haddonfield, NJ (HDFDNJHD) Bergen, NJ (JRCYNJBR) Journal Square, NJ (JRCYNJJO) Morristown, NJ (MRTWNJMR) New Brunswick, NJ (NBWKNJNB) Jenkintown, PA (JENKPAJK) Kirklyn, PA (KRLNPAKL) Mechanicsburg, PA (MBRGPAME) Mayfair, PA (PHLAPAMY) Pilgrim, PA (PHLAPAPI) Tullytown, PA (TULYPATU) Columbia Pike, VA (ARTNVACK) Falls Church, VA (ARTNVAFC) Springfield, VA (SPFDVASP)

Certain material previously found on this page can now be found on Original Page 7-29.1.

(Issued under Transmittal No. 1341)

Issued: November 23, 2016

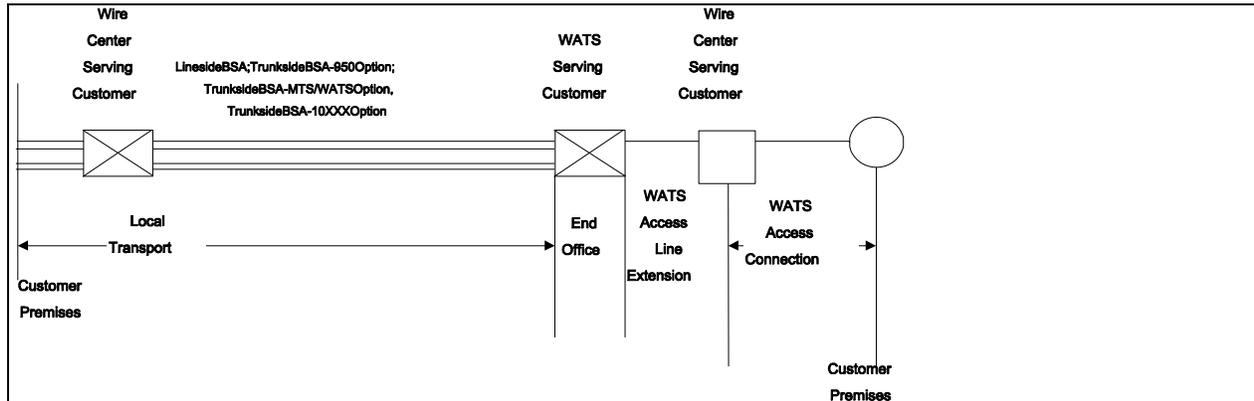
Effective: December 8, 2016

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ACCESS SERVICE

- 7. Special Access Service (Cont'd)
- 7.2 Service Descriptions (Cont'd)
- 7.2.3.1 WATS Access Line Service# (Cont'd)
- (A) Basic Channel Description (Cont'd)

The WAC is comprised of a Channel Termination from the customer's end user serving wire center to the customer's end user premises. (M)



WATS Access Line Service is service arranged for originating, terminating or two way transmission to or from an end user's premises at the option of the customer. It is provided with rotary dial or dual tone multifrequency address signaling and with either loop start or ground start signaling. Two way WATS Access Line Service is subject to recording capability and central office capacity. (M)

Service availability limited. Refer to # footnote on Page 7-29. (N)

Material on this page formerly appeared on 1st Revised Page 7-29.

(Issued under Transmittal No. 1341)

Issued: November 23, 2016

Effective: December 8, 2016

Vice President, Federal Regulatory
1300 I Street, NW, Washington, DC 20005

ACCESS SERVICE

- 7. Special Access Service (Cont'd)
 - 7.2 Service Descriptions (Cont'd)
 - 7.2.8 Digital Data Service#
 - (A) Basic Channel Description

A Digital Data channel is a channel for duplex transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56 or 64 kbps. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Digital Data channels are only available via Telephone Company designated hubs and are provided between customer designated premises between a customer designated premises and a Telephone Company Hub, or between a customer designated premises and a wire center where connection to an advanced data service## occurs. Subrating is not available at the 19.2 kbps speed and the 64 kbps speed requires B8ZS Line Code Formatted Signal.

No new customers may place orders for Digital Data Service as of the date specified for the locations in the following table. The Telephone Company will continue to provide Digital Data Service pursuant to this Section 7.2.8 to existing customers in these wire centers with in-service Digital Data Service as the specified effective date, or orders for Digital Data Service placed with the Telephone Company prior to the specified effective date:

Effective Date:	Wire Center:
November 19, 2014	Farmingdale, NJ (FRDLNJ01) Hummelstown, PA (HUMLPAHM) Ocean View, VA (NRFLVAOV)
December 8, 2016	Bethesda, MD (CHCHMDBE) Bloomfield, NJ (BLFDNJBL) Collingswood, NJ (CLWDNJCW) Cranford, NJ (CRFRNJCR) Hackensack, NJ (HCKNNJHK) Haddonfield, NJ (HDFDNJHD) Bergen, NJ (JRCYNJBR) Journal Square, NJ (JRCYNJJO)_ Morristown, NJ (MRTWNJMR) New Brunswick, NJ (NBWKNJNB) Jenkintown, PA (JENKPAJK) Kirklyn, PA (KRLNPAKL) Mechanicsburg, PA (MBRGPAME) Mayfair, PA (PHLAPAMY) Pilgrim, PA (PHLAPAPI) Tullytown, PA (TULYPATU) Columbia Pike, VA (ARTNVACK) Falls Church, VA (ARTNVAFC) Springfield, VA (SPFDVASP)

(T)
 (N)
 (N)

Advanced data services include frame relay services, switched multi-megabit services, internet protocol services and ATM-cell relay services. Certain material previously found on this page can now be found on Original Page 7-58.1.

(Issued under Transmittal No. 1341)
 Issued: November 23, 2016 Effective: December 8, 2016

Vice President, Federal Regulatory
 1300 I Street, NW, Washington, DC 20005

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.8 Digital Data Service# (Cont'd)

(B) Technical Specifications Packages

<u>Parameter</u>	<u>Package DA-</u>					
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
Error-Free Seconds	$\frac{1}{X}$	$\frac{2}{X}$	$\frac{3}{X}$	$\frac{4}{X}$	$\frac{5}{X}$	$\frac{6}{X}$

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875% error-free seconds while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical Reference PUB 62310.

Voltages which are compatible with Digital Data Service are delineated in Technical Reference TR-NWT-000341, Issue 2.

Channel Interface requirements necessary for Secondary Channel Capability are contained in Technical Reference TR-NPL-000157, Issue 1.

(M)

(M)

Service availability limited. Refer to # footnote on Page 7-58.

(N)

Material on this page formerly appeared on 4th Revised Page 7-58.

(Issued under Transmittal No. 1341)

Issued: November 23, 2016

Effective: December 8, 2016

Vice President, Federal Regulatory
1300 I Street, NW, Washington, DC 20005

ACCESS SERVICE

- 7. Special Access Service (Cont'd)
 - 7.2 Service Descriptions (Cont'd)
 - 7.2.8.1 Bonded Digital Link Service#
 - (A) Service Description

Bonded Digital Link Service provides connecting channels for the transmission of voice or data between an end user's local exchange service terminating at a digital cross connect facility and special access service provided by the Telephone Company within the same wire center or at another wire center within the same LATA.

No new customers may place orders for Bonded Digital Link Service as of the date specified for the locations in the following table. The Telephone Company will continue to provide Bonded Digital Link Service pursuant to this Section 7.2.8.1 to existing customers in these wire centers with in-service Bonded Digital Link Service as the specified effective date, or orders for Bonded Digital Link Service placed with the Telephone Company prior to the specified effective date: (T)

Effective Date:	Wire Center:
November 19, 2014	Farmingdale, NJ (FRDLNJ01) Hummelstown, PA (HUMLPAHM) Ocean View, VA (NRFLVAOV)
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(T)
 (N)
 (N)

Certain material previously found on this page can now be found on Original Page 7-60.1.1.

(Issued under Transmittal No. 1341)

Issued: November 23, 2016

Effective: December 8, 2016

Vice President, Federal Regulatory
 1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

- 7. Special Access Service (Cont'd)
- 7.2 Service Descriptions (Cont'd)
- 7.2.8.1 Bonded Digital Link Service# (Cont'd)
- (A) Service Description (Cont'd)

Bonded Digital Link Service is comprised of Intra-office channels (channels within a single wire center) or Inter-office channels (channels between two wire centers) connecting the wire centers of the locations involved. The minimum transmission rate for the service is 64 kbps in a DS0 channel. The Telephone Company will provide for the transmission of DS0 channels within a DS1 signal of the customer's (the end user) associated local exchange service from the digital cross connect facility in the customer's serving wire center to a 64 kbps channel of a customer's DS1 to Digital central office multiplexing arrangement within the same wire center or in a different wire center. The total number of DS0s on a Bonded Digital Link Service channel may not exceed the total capacity of the DS1 or equivalent service to which it is connected.

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Service availability limited. Refer to # footnote on Page 7-60.1.
Material on this page formerly appeared on 1st Revised page 7-60.1.

(N)

(Issued under Transmittal No. 1341)

Issued: November 23, 2016

Effective: December 8, 2016

Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005