

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.

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(Issued under Transmittal No. 1296)

Issued: November 4, 2014

Effective: November 19, 2014

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

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* New or Revised Pages

(Issued under Transmittal No. 1296)

Issued: November 4, 2014

Effective: November 19, 2014

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

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*New or Revised Pages

(Issued under Transmittal No. 1296)

Issued: November 4, 2014

Effective: November 19, 2014

Vice President, Federal Regulatory
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7-242.1	2nd	7-259.2	4th	7-285.1	4th
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7-243	1st	7-260	5th	7-286.1	4th
7-243.1	2nd	7-261	5th	7-287	7th
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7-243.3	2nd	7-262.1	4th	7-287.1.1	2nd
7-243.4	Original	7-262.2	4th	7-287.1.2	2nd
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7-243.6	Original	7-263	5th	7-287.1.4	2nd
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7-245.4	2nd	7-270	7th	7-287.5	7th
7-245.5	1st	7-270.1	1st	7-287.5.1	5th
7-245.6	1st	7-271	1st	7-287.6	7th
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* New or Revised Pages

(Issued under Transmittal No. 1296)

Issued: November 4, 2014

Effective: November 19, 2014

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

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 Voice Grade Service#

(T)

(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.

(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

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

Effective November 19, 2014, no new customers may place orders for Voice Grade Service in Farmingdale, NJ (FRDLNJ01), Hummelstown, PA (HUMLPAM), and Ocean View, VA (NRFLVAOV). 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 of November 19, 2014, or orders for Voice Grade Service placed with the Telephone Company prior to November 19, 2014.

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(Issued under Transmittal No. 1296)

Issued: November 4, 2014

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Vice President, Federal Regulatory
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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 Voice Grade Service# (Cont'd)

(T)

(B) Technical Specifications Packages (Cont'd)

The technical specifications for these parameters (except for dropouts, gain hits, and phase hits) are delineated in Technical Reference TR-NWT-000335, Issue 3. The technical specifications for dropouts, phase hits, and gain hits are delineated in Technical Reference PUB 41004, Table 4.

(C) Channel Interfaces

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

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 7.3.5(C) following.

(D) Optional Features and Functions(1) Central Office Bridging Capability

- (a) Voice Bridging (two-wire and four-wire)
- (b) Data Bridging (two-wire and four-wire)
- (c) Telephoto Bridging (two-wire and four-wire)
- (d) DATAPHONE Select-A-Station Bridging with sequential arrangement ports or addressable arrangement ports

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

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(Issued under Transmittal No. 1296)

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 Voice Grade Service# (Cont'd)

(T)

(D) Optional Features and Functions (Cont'd)(1) Central Office Bridging Capability (Cont'd)

(e) Telemetry and Alarm Bridging

Split Band, Active Bridging
Passive Bridging
Summation, Active Bridging

(2) Central Office Multiplexing

Voice to Telegraph Grade: An arrangement that converts a Voice Grade channel to Telegraph Grade channels using frequency division multiplexing.

(3) Conditioning

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

In addition, a customer may require that either the attenuation distortion or the envelope delay distortion, or both, be improved to more stringent specifications than those provided for C-Type conditioning. In these cases the customer has the option of ordering either Improved Attenuation Distortion or Improved Envelope Delay Distortion, or both, as needed.

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.

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

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 Voice Grade Service# (Cont'd)

(T)

(D) Optional Features and Functions (Cont'd)(3) Conditioning (Cont'd)(a) C-Type Conditioning

C-Type Conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-Type Conditioning are:

Attenuation Distortion
(Frequency Response)
Relative to 1004 Hz

Frequency Variation
Range (Hz) (dB)

504-2804	-1.0 to +3.0
304-3004	-2.0 to +6.0

Envelope Delay
Distortion
Variation
Frequency (micro-
Range (Hz) seconds)

1004-2604	≤	500
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604-2604	≤	1500
504-2804	≤	3000

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

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 Voice Grade Service# (Cont'd)

(T)

(D) Optional Features and Functions (Cont'd)(3) Conditioning (Cont'd)(b) Improved Attenuation Distortion

Improved attenuation distortion is provided for additional control of attenuation distortion. The improved attenuation distortion specifications are:

Attenuation Distortion
(Frequency Response)
Relative to 1004 Hz

Frequency Variation
Range (Hz) (dB)

404-2804	-1.0 to +2.0
304-3004	-1.0 to +3.0
304-3204	-2.0 to +6.0

(c) Improved Envelope Delay Distortion

Improved envelope delay distortion is provided for additional control of envelope delay distortion. The improved envelope delay distortion specifications are:

<u>Envelope Delay Distortion</u>	
<u>Frequency Range (Hz)</u>	<u>Variation (micro-seconds)</u>
1004-2604	≤ 100
804-2604	≤ 200
604-2604	≤ 300
504-2804	≤ 600
504-3004	≤ 3000

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

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 Voice Grade Service# (Cont'd)

(T)

(D) Optional Features and Functions (Cont'd)(3) Conditioning (Cont'd)(d) Sealing Current Conditioning

Sealing Current Conditioning is provided to help maintain continuity on dry metallic loops. It is usually associated with four-wire DA or NO type channel interfaces.

(4) Customer Specified Premises Receive Level

This option allows the customer to specify the receive level at the Point of Termination. The level must be within a specific range on effective four-wire transmission. The ranges are delineated in Technical Reference TR-NWT-000335, Issue 3.

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

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(Issued under Transmittal No. 1296)

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 Voice Grade Service# (Cont'd)

(T)

(D) Optional Features and Functions (Cont'd)(5) Improved Termination and Improved Return Loss

- (a) Improved Termination - On Effective Four-Wire Transmission at Four-Wire Point of Termination (applicable to each two-wire port): Provides for a fixed 600 ohm impedance, variable level range and simplex reversal. Telephone Company equipment is required at the customer's premises where this option is ordered. The Improved Termination parameters are delineated in Technical Reference TR-NWT-000335, Issue 3.
- (b) Improved Return Loss - On Effective Two-Wire Transmission at Two-Wire Point of Termination: Provides for more stringent Echo Control Specifications. In order for this option to be applicable, the transmission path must be four-wire at one POT and two-wire at the other POT. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire POT. The Improved Return Loss parameters are delineated in Technical Reference TR-NWT-000335, Issue 3.

(6) Data Capability

Data Capability provides transmission characteristics suitable for data communications. Specifically, Data Capability provides for the control of Signal to C-Notched Noise Ratio and intermodulation distortion. It is available for two-point services or multipoint services.

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

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

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(Issued under Transmittal No. 1296)

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 Voice Grade Service# (Cont'd)

(T)

(D) Optional Features and Functions (Cont'd)(6) Data Capability (Cont'd)

- 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.

(7) Telephoto Capability

Telephoto Capability provides transmission characteristics suitable for telephotographic communications. Specifically, Telephoto Capability is provided for the control of attenuation distortion and envelope delay distortion on telephotographic services. The attenuation distortion and envelope delay distortion parameters for Telephoto Capability are:

<u>Attenuation Distortion</u>		<u>Envelope Delay Distortion</u>	
(1004 Hz Reference)			
<u>Frequency Range (Hz)</u>	<u>Variation (dB)</u>	<u>Frequency Range (Hz)</u>	<u>Variation (mcs)</u>
500-3000	-0.5 to +1.5	1000-2600	110
300-3200	-1.0 to +2.5	800-2800	180

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

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 Voice Grade Service# (Cont'd)

(T)

(D) Optional Features and Functions (Cont'd)(8) 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.

(9) Selective Signaling Arrangement

An arrangement that permits code selective ringing for up to ten codes on a multipoint service.

(10) Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to another channel that terminates in either the same or a different customer premises. A key activated or dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as part of the option.

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

	Available with Technical Specifications Package VG-												
	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>
C-Type Conditioning	X					X	X	X	X	X	X		
Central Office													
Bridging													
Capability	X		X			X	X				X	X	X
Central Office													
Multiplexing	X						X						

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

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Effective: November 19, 2014

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 Voice Grade Service# (Cont'd)

(T)

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

	Available with Technical Specifications Package VG-												
	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>
Data Capability	X						X	X			X		
Improved Termination													
For Effective													
Four-Wire													
Transmission	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	X			X		
Sealing Current													
Conditioning													
For Effective													
Four-Wire													
Transmission	X					X	X				X		
Selective Signaling													
Arrangement	X		X										
Signaling Capability	X	X	X	X				X	X	X			
Telephoto Capability	X											X	
Transfer Arrangement	X	X	X	X	X	X	X	X	X	X	X	X	X

(11) Effective Four-Wire Transmission with Two-Wire Interface

When a customer requests that an effective Four-Wire channel be terminated with a Two-Wire interface at the customer designated premises, then this optional feature applies. Placement of Telephone Company Equipment (Hybrid) is required at the customer's premises to convert the Four-Wire channel to the Two-Wire POT. When this option is ordered, a Four-Wire channel termination charge applies. Per the voice grade technical references, certain voice grade service are always provisioned as Four-Wire services and will be billed as a Four-Wire Channel Termination.

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

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Effective: November 19, 2014

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ACCESS SERVICE

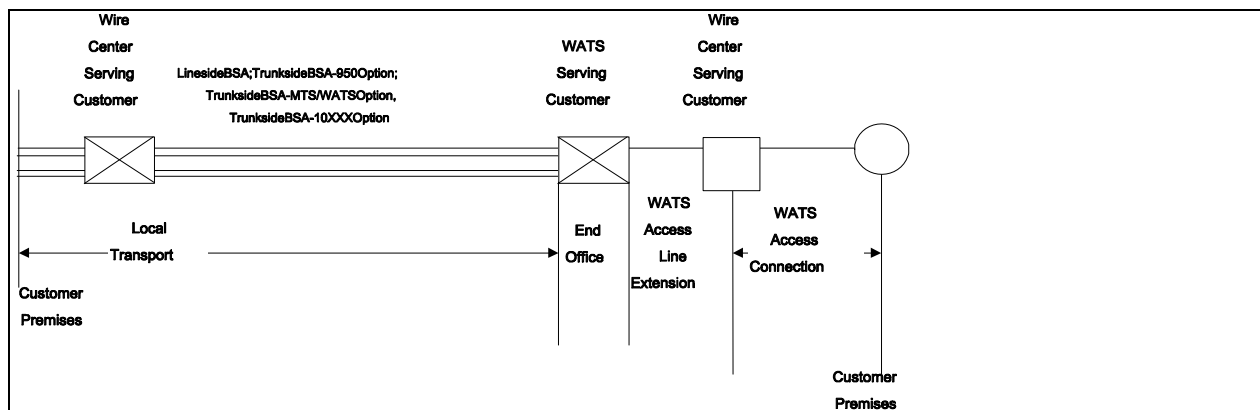
7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3.1 WATS Access Line Service#

(T)

(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.

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



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.

Effective November 19, 2014, no new customers may place orders for WATS Access Line Service in Farmingdale, NJ (FRDLNJ01), Hummelstown, PA (HUMLP AHM), and Ocean View, VA (NRFLVAOV). 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 of November 19, 2014, or orders for WATS Access Line Service placed with the Telephone Company prior to November 19, 2014.

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3.1 WATS Access Line Service# (Cont'd)

(T)

(A) Basic Channel Description (Cont'd)

Originating only and Two Way (originating only) WATS Access Line Service customers, at their option and at no charge, may be provided access to test lines in their local central office to test the WATS Access Connection. Access to two types of lines is available, balance (Type 100) and milliwatt (Type 102). Where available, this feature is only provided in Telephone Company electronic end offices in which WATS Access Connections are provided.

(B) Technical Specifications Packages

<u>Parameters</u>	<u>Packages WAL -</u>		
	<u>1</u>	<u>2</u>	<u>3</u>
Attenuation Distortion	X	X	
Bit Error Rate			X
C-Message Noise	X	X	
Echo Control	X	X	
Envelop Delay Distortion	X	X	
Frequency Shift	X	X	
Impulse Noise	X	X	
Intermodulation Distortion	X	X	
Loss Deviation	X	X	
Phase Jitter	X	X	
Signal-to-C Notch Noise	X	X	

WACs are offered as either effective two-wire, effective four-wire, high capacity or improved two-wire access connections. The technical limitations are delineated in Technical Reference GR-334-CORE, Issue 1.

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

(N)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3.1 WATS Access Line Service# (Cont'd)

(T)

(C) Channel Interfaces

Compatible channel interfaces are set forth in
7.3.5(D) following.

(D) Optional Features and Functions

(1) Central Office Bridging Capability

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

(2) Improved Two-Wire Transmission Specifications

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

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3.1 WATS Access Line Service# (Cont'd)

(T)

(E) Service Provision Restrictions

The provision of WATS Access Line Service, as described in (A), (B), (C) and (D) preceding, is subject to individual state restrictions governing the provision of intrastate access services and intrastate competition in general. Individual state restrictions are as follows:

(1) State of Delaware

Intrastate traffic, at the customer's option, will either be delivered to Diamond State and billed by Diamond State to the customer's end user, or will be delivered to the customer for completion; all such traffic will be governed by the rules, regulations, and tariffs of the relevant state jurisdictions.

(2) State of New Jersey

Interexchange carriers are not authorized to offer intrastate intraLATA WATS Service in New Jersey by order of the New Jersey Board of Public Utilities. Intrastate intraLATA calling must conform to the rules and regulations of the New Jersey Board of Public Utilities. Originating intrastate intraLATA WATS calls are subject to blocking or completion by New Jersey Bell, as directed or allowed by the New Jersey Board of Public Utilities. Terminating intrastate interLATA (Toll Free*) calls should be returned by the customer to New Jersey Bell for completion, or if this is not possible due to technical limitations and such calls are completed, billing information should be returned to New Jersey Bell to allow New Jersey Bell to bill such calls as its own traffic.

* "Toll Free" service includes any access service which utilizes the following NPA's: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

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

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3.1 WATS Access Line Service# (Cont'd)

(T)

(E) Service Provision Restrictions(3) State of Pennsylvania

Reserved for future use.

(4) State of Virginia

Interexchange carriers are not authorized to offer intraLATA WATS Service in Virginia by order of the Virginia State Corporation Commission. IntraLATA WATS calls will either be blocked, or diverted to C&P of Virginia for completion, at the customer's option.

(F) WATS Access Line Extensions (WALE)

When WATS Access Line Service is ordered to the end office that normally serves the customer and that office is without WATS screening capability, service is provided from the nearest end office with WATS screening capability (WSO).

There is no channel mileage applicable to the distance between the end office that normally serves the customer and the office that provides the WATS screening capability (WSO).

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

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.8 Digital Data Service#

(T)

(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.

(T)

(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.

Effective November 19, 2014, no new customers may place orders for Digital Data Service in Farmingdale, NJ (FRDLNJ01), Hummelstown, PA (HUMLPAM), and Ocean View, VA (NRFLVAOV). 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 of November 19, 2014, or orders for Digital Data Service placed with the Telephone Company prior to November 19, 2014.

(N)

(N)

Advanced data services include frame relay services, switched multi-megabit services, internet protocol services and ATM-cell relay services.

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.8 Digital Data Service# (Cont'd)

(T)

(C) Channel Interfaces

The following channel interfaces (CIs) define the bit rates that are available for a Digital Data channel:

<u>CI</u>	<u>Bit Rate</u>
DU-24	2.4 kbps
DU-48	4.8 kbps
DU-96	9.6 kbps
DU-19	19.2 kbps
DU-56	56.0 kbps
DU-64	64.0 kbps

Compatible channel interfaces are set forth in 7.3.5(I) following.

(D) Optional Features and Functions(1) Central Office Bridging Capability(2) Transfer Arrangement

An arrangement that affords the customer an additional measure of protection and/or flexibility in the use of their access channel(s) on a 1xN basis. The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. This arrangement is only available at a Telephone Company designated hub. A key activated or dial up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as a part of the option.

(3) Secondary Channel

Secondary Channel (SC) is an optional arrangement which provides a derived lower speed Digital Data companion channel which is independent of the primary Digital Data Service channel. SC allows customers to perform Network Management, diagnostic and maintenance applications on their Digital Data Networks.

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

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.8 Digital Data Service# (Cont'd)

(T)

(D) Optional Features and Functions (Cont'd)(3) Secondary Channel (Cont'd)

Secondary Channel is provided only at the 2.4, 4.8, 9.6 and 56 kbps DDS speeds and is available as a point-to-point or multipoint service except for multipoint service at 56 Kbps. Due to transmission equipment restrictions, SC cannot be provided on 56 Kbps circuits that require the installation of Loop Repeater equipment.

The Secondary Channel option is only available on new orders for service. The addition of SC to an existing Digital Data Service will be treated as a disconnect of the existing service and a new connect for the service with SC.

The Technical specifications for this feature are as described in Technical Reference TR-NPL-000157, Issue 1. The bit rates of the SC are as shown in the following table:

<u>Digital Data Channel Transmission Speed</u>	<u>Secondary Channel Transmission Speed</u>
2.4 Kbps	133 bps
4.8 Kbps	266 bps
9.6 Kbps	533 bps
56.0 Kbps	2.666 Kbps

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

	<u>Available with Technical Specifications Package DA-</u>			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Central Office Bridging				
Capability	X	X	X	X
Transfer Arrangement	X	X	X	X
Secondary Channel	X	X	X	X

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

(N)

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

(T)

(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.

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.

Effective November 19, 2014, no new customers may place orders for Bonded Digital Link Service in Farmingdale, NJ (FRDLNJ01), Hummelstown, PA (HUMLPAM), and Ocean View, VA (NRFLVAOV). 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 of November 19, 2014, or orders for Bonded Digital Link Service placed with the Telephone Company prior to November 19, 2014. (N)

(Issued under Transmittal No. 1296)

Issued: November 4, 2014

Effective: November 19, 2014

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ACCESS SERVICE

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

(T)

(A) Service Description (Cont'd)

At the customer's option, the Telephone Company will bond contiguous DS0 channels in order to provide higher data rates. The following data rates are available:

- 64 kbps; 1 DS0 equivalent channel
- 256 kbps; 4 bonded equivalent DS0s
- 384kbps; 6 bonded equivalent DS0s
- 512 kbps; 8 bonded equivalent DS0s
- 768 kbps; 12 bonded equivalent DS0s

For the transmission of the Bonded Digital Link channels, the Telephone Company assumes responsibility for the routing of the customer's DS0 and bonded DS0 circuits over the Telephone Company's interoffice network in order to maximize network efficiencies and to optimize economic efficiencies.

Service availability limited. Refer to # footnote on Page 7-60.1.

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Effective: November 19, 2014

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

(T)

(B) Terms and Conditions

- (1) Bonded Digital Link Service is available within or between wire centers where suitable digital cross-connect technology exists to perform DS1 to DS0 multiplexing functions. Those locations (wire centers) are set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.
- (2) The service may only be used for connection from a wire center with a digital hubbing arrangement to a DS1 special access service capable of assignment to compatible DS0 channels. The customer or its authorized representatives must designate the DS0 channels on the special access service connected to this service. Data rates above 64 kbps require contiguous DS0 channel assignments. Connection to services other than special access service is prohibited.
- (3) Bonded Digital Link Service is provided with a one-year minimum service period. If service is disconnected prior to satisfying the minimum service period (i.e., within the first twelve months), minimum period charges apply. The minimum one-year period and minimum period charges do not apply if the rates have increased during the one-year period. The minimum period charge is equal to 100 % of the monthly rate from the date of disconnection through the balance of the first twelve months of service.
- (4) This service is used for connectivity within or between wire centers. The rates and charges for Bonded Digital Link Service apply as a flat rate per DS0 equivalent channel.
- (5) Credit for an interruption of Bonded Digital Link Service is subject to the basic credit allowance set forth for Special Access services as set forth in Section 2.7.1.1 preceding.

Service availability limited. Refer to # footnote on Page 7-60.1.

(N)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.8.1 Bonded Digital Link Service# (Cont'd)

(T)

(B) Terms and Conditions (Cont'd)

- (6) Bonded Digital Link Service is provided with a negotiated interval as set forth in Section 5.2.1(B) preceding.
- (7) The rates and charges for Bonded Digital Link Service apply per DS0 equivalent channel (64 kbps). The customer is assessed either an Intra-office or an Inter-office Channel Charge for each DS0. Rates and charges are set forth in 7.5.8.1 following.

Service availability limited. Refer to # footnote on Page 7-60.1.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.4 Rate Regulations (Cont'd)

(T)

7.4.11 WATS Access Line Service#

A WATS Access Connection is only provisioned between a customer's premises and a WATS Serving Office (WSO) and there is only one application of the WATS Access Connection Charge. However, there can be additional secondary connections (USOC XEE), which are individual WACs and each will receive the same WAC Connection Charge. These WAC Secondary Connections must always be provisioned via C.O. Bridging.

7.4.12 Voice Grade Rate Stability Plan(A) Rate Stability Plan

The Voice Grade Rate Stability Plan is available to any customer who qualifies for the plan's minimum requirements and agrees to the plan's terms and conditions. The minimum service requirement for participation in this plan is 100 Four Wire Voice Grade Special Access Channel Terminations. All of the customer's four-wire Special Access services must be subject to the Voice Grade Rate Stability Plan. Specifically, the Rate Stability Plan will allow customers to stabilize their rates at current levels for four-wire voice grade services for a period of five years from the service date of the customer's order.

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

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)

(T)

7.5.3 Voice Grade Service#

(A) Channel Termination - per point of termination	<u>USOC</u>	<u>Monthly Rates</u>
(1) Payment Plan		
- Two-Wire		
Basic (month-to-month)		
N-MSA	T6E2X	\$24.68
Price Band 4	T6E2X	31.45
Price Band 5	T6E2X	31.45
Price Band 6	T6E2X	31.45
3-Year TPP		
N-MSA	TZ4SA	18.87
Price Band 4	TZ4SA	27.03
Price Band 5	TZ4SA	27.03
Price Band 6	TZ4SA	27.03
5-Year TPP		
N-MSA	TZ4GA	17.34
Price Band 4	TZ4GA	24.83
Price Band 5	TZ4GA	24.83
Price Band 6	TZ4GA	24.83
- Four-Wire		
Basic		
N-MSA	T6E4X	48.79
Price Band 4	T6E4X	62.88
Price Band 5	T6E4X	62.88
Price Band 6	T6E4X	62.88
3-Year TPP		
N-MSA	TZ4SB	38.61
Price Band 4	TZ4SB	55.28
Price Band 5	TZ4SB	55.28
Price Band 6	TZ4SB	55.28
5-Year TPP		
N-MSA	TZ4GB	36.58
Price Band 4	TZ4GB	52.38
Price Band 5	TZ4GB	52.38
Price Band 6	TZ4GB	52.38

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

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7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)

(T)

7.5.3 Voice Grade Service# (Cont'd)(A) Channel Termination (Cont'd)
- per point of termination

(2) Nonrecurring Charges

	<u>USOC</u>	<u>First</u>	<u>Additional</u>
- Two-Wire			
Installation/Change			
N-MSA		\$266.72	\$195.50
Price Band 4		1.00	0.75
Price Band 5		1.00	0.75
Price Band 6		1.00	0.75
Rearrangement	NRBGC/NRBGD		
N-MSA		\$100.00	\$100.00
Price Band 4		0.90	0.60
Price Band 5		0.90	0.60
Price Band 6		0.90	0.60
- Four-Wire			
Installation/Change			
N-MSA		\$379.77	\$272.96
Price Band 4		1.00	0.75
Price Band 5		1.00	0.75
Price Band 6		1.00	0.75
Rearrangement	NRBGE/NRBGF		
N-MSA		\$100.00	\$100.00
Price Band 4		0.90	0.60
Price Band 5		0.90	0.60
Price Band 6		0.90	0.60

(B) Channel Mileage	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
Basic, N-MSA	1L5LS	\$14.49	\$0.38
Price Band 4	1L5LS	17.81	0.48
Price Band 5	1L5LS	17.81	0.48
Price Band 6	1L5LS	17.81	0.48
3-Year TPP, N-MSA	1A7SX	12.48	0.32
Price Band 4	1A7SX	17.23	0.45
Price Band 5	1A7SX	17.23	0.45
Price Band 6	1A7SX	17.23	0.45
5-Year TPP, N-MSA	1A7GX	12.04	0.30
Price Band 4	1A7GX	16.63	0.41
Price Band 5	1A7GX	16.63	0.41
Price Band 6	1A7GX	16.63	0.41

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Effective: November 19, 2014

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7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)

(T)

7.5.3 Voice Grade Service# (Cont'd)(C) Optional Features and Functions

	<u>USOCs</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(1) <u>Bridging</u>			
(a) <u>Voice Bridging</u> - per port			
Two-Wire	BCNV2		
N-MSA		\$26.47	None
Price Band 4		37.50	None
Price Band 5		37.50	None
Price Band 6		37.50	None
Four-Wire	BCNV4		
N-MSA		17.65	None
Price Band 4		25.00	None
Price Band 5		25.00	None
Price Band 6		25.00	None
(b) <u>Data Bridging</u> - per port			
Two-Wire	BCND2		
N-MSA		12.20	None
Price Band 4		17.28	None
Price Band 5		17.28	None
Price Band 6		17.28	None
Four-Wire	BCND4		
N-MSA		12.20	None
Price Band 4		17.28	None
Price Band 5		17.28	None
Price Band 6		17.28	None

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

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(Issued under Transmittal No. 1296)

Issued: November 4, 2014

Effective: November 19, 2014

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7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.3 Voice Grade Service# (Cont'd)

(T)

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

(1) Bridging (Cont'd)

		Monthly USOC	Rates	Nonrecurring Charges
(c) <u>Telephoto Bridging</u>				
- Per Port				
- Two-Wire	BCNF2			
N-MSA			\$14.89	None
Price Band 4			17.28	None
Price Band 5			17.28	None
Price Band 6			17.28	None
- Four-Wire	BCNF4			
N-MSA			\$14.89	None
Price Band 4			17.28	None
Price Band 5			17.28	None
Price Band 6			17.28	None
(d) <u>DATAPHONE Select-A-Station Bridging</u>				
Sequential Arrangement				
- Common Equipment*	BCNSP			
N-MSA			\$250.52	None
Price Band 4			312.50	None
Price Band 5			312.50	None
Price Band 6			312.50	None
- Ports				
- Per 2-wire channel connected	DQ2			
N-MSA			\$15.03	None
Price Band 4			18.75	None
Price Band 5			18.75	None
Price Band 6			18.75	None
- Per 4-wire channel connected	DQ4			
N-MSA			\$40.08	None
Price Band 4			50.00	None
Price Band 5			50.00	None
Price Band 6			50.00	None

* Rate does not apply in the District of Columbia, Maryland, Virginia, or the state of New Jersey.

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7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.3 Voice Grade Service# (Cont'd)

(T)

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

(1) Bridging (Cont'd)

(d) DATAPHONE Select-A-
Station Bridging (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
Addressable Arrangement			
- Common Equipment*	KCN		
N-MSA		\$250.52	None
Price Band 4		312.50	None
Price Band 5		312.50	None
Price Band 6		312.50	None
- Ports			
- Per 2-wire channel connected	KQ2		
N-MSA		\$ 15.03	None
Price Band 4		18.75	None
Price Band 5		18.75	None
Price Band 6		18.75	None
- Per 4-wire channel connected	KQ4		
N-MSA		\$ 40.08	None
Price Band 4		50.00	None
Price Band 5		50.00	None
Price Band 6		50.00	None

* Rate does not apply in the District of Columbia, Maryland, Virginia, or the State of New Jersey.

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Effective: November 19, 2014

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.3 Voice Grade Service# (Cont'd)

(T)

(C) Optional Features and Functions (Cont'd)(1) Bridging (Cont'd)(e) Telemetry and Alarm Bridging

	<u>USOCs</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
Active Bridging Channel Connections			
Split Band			
- Per channel connected	CNLRX		
N-MSA		\$17.65	None
Price Band 4		25.00	None
Price Band 5		25.00	None
Price Band 6		25.00	None
Summation			
- Per channel connected	BCNSA		
N-MSA		14.89	None
Price Band 4		17.28	None
Price Band 5		17.28	None
Price Band 6		17.28	None
Passive Bridging Channel Connections			
- Per channel connected	BCNTP		
N-MSA		17.65	None
Price Band 4		25.00	None
Price Band 5		25.00	None
Price Band 6		25.00	None

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7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.3 Voice Grade Service# (Cont'd)

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	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(2) Conditioning, - Per point of termination			
C - Type	X1CPT		
N-MSA		\$ 2.00	None
Price Band 4		2.50	None
Price Band 5		2.50	None
Price Band 6		2.50	None
Improved Attenuation Distortion	UHW		
N-MSA		\$ 2.00	None
Price Band 4		2.50	None
Price Band 5		2.50	None
Price Band 6		2.50	None
Improved Envelope Delay Distortion	UHY		
N-MSA		\$75.16	None
Price Band 4		93.75	None
Price Band 5		93.75	None
Price Band 6		93.75	None
Sealing Current	1HBPT		
N-MSA		None	None
Price Band 4		None	None
Price Band 5		None	None
Price Band 6		None	None

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.3 Voice Grade Service# (Cont'd)

(T)

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

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(3) Improved Return Loss for Effective Two-Wire Transmission or Improved Termination for Four-Wire Transmission			
Improved Return Loss			
- Per point of termination			
- Two-Wire 1RL2W			
N-MSA		\$ 7.01	None
Price Band 4		8.75	None
Price Band 5		8.75	None
Price Band 6		8.75	None
Improved Termination			
- Per point of termination			
- Four-Wire 1RL4W			
N-MSA		\$ 9.02	None
Price Band 4		11.25	None
Price Band 5		11.25	None
Price Band 6		11.25	None
(4) Multiplexing*			
Voice to Telegraph Grade			
- Per arrangement MQX			
N-MSA		\$325.67	None
Price Band 4		406.25	None
Price Band 5		406.25	None
Price Band 6		406.25	None
(5) Data Capability**, per point of termination XDCPT			
N-MSA		\$ 2.00	\$250.52
Price Band 4		2.50	250.00
Price Band 5		2.50	250.00
Price Band 6		2.50	250.00
(6) Telephoto Capability, per point of termination XTCPT			
N-MSA		\$ 3.51	\$250.52
Price Band 4		4.38	250.00
Price Band 5		4.38	250.00
Price Band 6		4.38	250.00

* Rate does not apply in the states of Delaware and Pennsylvania.

** Monthly rate does not apply in the Verizon DC, MD, VA or WVA Companies.

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

(N)

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Effective: November 19, 2014

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7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.3 Voice Grade Service# (Cont'd)

(T)

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

	<u>USOCs</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(7) Signaling Capability, per point of termination	XSS++		
N-MSA		\$ 4.65	None
Price Band 4		12.46	None
Price Band 5		12.46	None
Price Band 6		12.46	None
- In lieu of ++, substitute appropriate two digit code from following list to specify type of signaling.			
AB			
AC			
CT			
DX			
DY			
EA			
EB			
EC			
EX			
GO			
GS			
LA			
LB			
LC			
LO			
LR			
LS			
RV			
SF			

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7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.3 Voice Grade Service# (Cont'd)

(T)

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

		Monthly USOC	Rates	Nonrecurring Charges
(8) Selective Signaling Arrangement, per arrangement	USZ			
N-MSA			\$55.11	None
Price Band 4			68.75	None
Price Band 5			68.75	None
Price Band 6			68.75	None
(9) Transfer Arrangement (key activated* or dial-up**)				
- Per four port arrange- ment including control channel termination***	USY			
N-MSA			\$25.05	None
Price Band 4			31.25	None
Price Band 5			31.25	None
Price Band 6			31.25	None
- Per five port arrange- ment including control channel termination***	US5			
N-MSA			\$25.05	None
Price Band 4			31.25	None
Price Band 5			31.25	None
Price Band 6			31.25	None

* The key activated control channel is rated as a Metallic Channel Termination (use USOC T6EME in lieu of T6ECS) and Channel Mileage, if applicable (use USOC 1L5MS in lieu of 1L5LS).

** The Dial-up option requires the customer to purchase the Controller Arrangement (USOC XTDDU) from 13.3.7 following.

*** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer's premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving the wire center.

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

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(Issued under Transmittal No. 1296)

Issued: November 4, 2014

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7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.3.1 WATS Access Line Service#

(T)

		<u>USOC</u>	<u>Monthly Rates</u>
(A) WATS Access Connection (WAC)			
-Per point of termination			
Two-Wire		X2W/XEE2X	
N-MSA			\$ 31.45
Price Band 4			31.45
Price Band 5			31.45
Price Band 6			31.45
Four-Wire		X4W/XEE4X	
N-MSA			\$ 62.88
Price Band 4			62.88
Price Band 5			62.88
Price Band 6			62.88
<u>Nonrecurring Charges</u>			
-Per point of termination		<u>First</u>	<u>Additional</u>
-Two-Wire			
Installation/Charge			
N-MSA		\$266.72	\$195.50
Price Band 4		1.00	0.75
Price Band 5		1.00	0.75
Price Band 6		1.00	0.75
Rearrangement		NRBGC/NRBGD	
N-MSA		\$100.00	\$100.00
Price Band 4		0.90	0.60
Price Band 5		0.90	0.60
Price Band 6		0.90	0.60
-Four-Wire			
Installation/Change			
N-MSA		\$379.77	\$272.96
Price Band 4		1.00	0.75
Price Band 5		1.00	0.75
Price Band 6		1.00	0.75
Rearrangement		NRBGE/NRBGF	
N-MSA		\$100.00	\$100.00
Price Band 4		0.90	0.60
Price Band 5		0.90	0.60
Price Band 6		0.90	0.60

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

(N)

(Issued under Transmittal No. 1296)

Issued: November 4, 2014

Effective: November 19, 2014

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.3 Voice Grade Service (Cont'd)7.5.3.1 WATS Access Line Service#

(T)

(B) <u>Channel Mileage</u>	<u>USOC</u> 1LFX	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
N-MSA		\$0.00	\$0.00
Price Band 4		0.00	0.00
Price Band 5		0.00	0.00
Price Band 6		0.00	0.00

(C) <u>Optional Features and Functions</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(1) <u>Bridging</u>			
(a) <u>WAC Bridging</u> , Per port			
- Two-Wire	BCNV2		
N-MSA		\$37.50	None
Price Band 4		37.50	None
Price Band 5		37.50	None
Price Band 6		37.50	None
- Four-Wire	BCNV4		
N-MSA		25.00	None
Price Band 4		25.00	None
Price Band 5		25.00	None
Price Band 6		25.00	None
(2) <u>Improved Two-Wire Transmission Specifications*</u>			
- Per point of termination	X2T		
N-MSA		11.25	None
Price Band 4		11.25	None
Price Band 5		11.25	None
Price Band 6		11.25	None

* Rate does not apply in the states of Delaware, New Jersey and Pennsylvania.

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

(N)

(Issued under Transmittal No. 1296)

Issued: November 4, 2014

Effective: November 19, 2014

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.8 Digital Data Service#

(T)

(A) Channel Termination

- Per point of termination

	USOC	Monthly Rates	Nonrecurring Charges	
			First	Additional
2.4 kbps	TNTM2/T6ECS*			
N-MSA		\$118.64		
Price Band 4		84.20		
Price Band 5		87.71		
Price Band 6		91.22		
4.8 kbps	TNTM2/T6ECS*			
N-MSA		\$131.94		
Price Band 4		96.23		
Price Band 5		100.24		
Price Band 6		104.25		
9.6 kbps	TNTM2/T6ECS*			
N-MSA		\$145.26		
Price Band 4		108.25		
Price Band 5		112.76		
Price Band 6		117.27		
19.2 kbps	TNTM2/T6ECS*			
N-MSA		\$158.07		
Price Band 4		120.28		
Price Band 5		125.29		
Price Band 6		130.30		
56.0 kbps	TNTM2/T6ECS*			
N-MSA		\$175.54		
Price Band 4		136.94		
Price Band 5		142.65		
Price Band 6		148.36		
64.0 kbps	TNTM2/T6ECS*			
N-MSA		\$185.28		
Price Band 4		144.35		
Price Band 5		150.36		
Price Band 6		156.38		
Installation/Change	TNTM2/T6ECS*			
N-MSA			\$200.00	\$120.00
Price Band 4			200.00	120.00
Price Band 5			200.00	120.00
Price Band 6			200.00	120.00
Rearrangement	NRBBG/NRBGH*			
N-MSA			\$100.00	\$100.00
Price Band 4			0.90	0.60
Price Band 5			0.90	0.60
Price Band 6			0.90	0.60

* Effective January 31, 2002, the 4-wire service associated with the T6ECS/NRBGH USOC is no longer available for new service requests. However, the Company may still use the USOC in instances where the TNTM2/NRBBG USOC cannot be used.

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

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(Issued under Transmittal No. 1296)

Issued: November 4, 2014

Effective: November 19, 2014

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7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.8 Digital Data Service# (Cont'd)

(T)

(B) Channel Mileage		USOC	Monthly Rates	
			<u>Fixed</u>	<u>Per Mile</u>
(1)	2.4 kbps	1L5LS		
	N-MSA		\$ 68.60	\$2.07
	Price Band 4		60.14	1.81
	Price Band 5		62.65	1.89
	Price Band 6		65.16	1.96
(2)	4.8 kbps	1L5LS		
	N-MSA		\$ 82.32	\$2.22
	Price Band 4		72.17	1.93
	Price Band 5		75.18	2.01
	Price Band 6		78.18	2.09
(3)	9.6 kbps	1L5LS		
	N-MSA		\$ 96.02	\$2.33
	Price Band 4		84.20	2.05
	Price Band 5		87.71	2.14
	Price Band 6		91.22	2.22
(4)	19.2 kbps	1L5LS		
	N-MSA		\$109.75	\$2.48
	Price Band 4		96.23	2.17
	Price Band 5		100.24	2.26
	Price Band 6		104.25	2.35
(5)	56 kbps	1L5LS		
	N-MSA		\$123.46	\$3.08
	Price Band 4		108.25	2.70
	Price Band 5		112.76	2.81
	Price Band 6		117.27	2.93
(6)	64 kbps	1L5LS		
	N-MSA		\$137.18	\$3.44
	Price Band 4		120.28	3.01
	Price Band 5		125.29	3.14
	Price Band 6		130.30	3.26

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

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Issued: November 4, 2014

Effective: November 19, 2014

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7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)

(T)

7.5.8 Digital Data Service# (Cont'd)

	<u>USOCs</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) <u>Optional Features and Functions</u>			
(1) Bridging, per port	BCNDA		
N-MSA		\$12.41	None
Price Band 4		22.80	None
Price Band 5		23.75	None
Price Band 6		24.70	None
(2) Loop Transfer Arrangement (Key activated* or Dial-up**), per four- port arrangement***	XTD		
N-MSA		25.05	None
Price Band 4		30.00	None
Price Band 5		31.25	None
Price Band 6		32.50	None

* The key activated control channel is rated as a Metallic Channel Termination (use USOC T6EME in lieu of T6ECS) and Channel Mileage, if applicable (use USOC 1L5MS in lieu of 1L5LS).

** The Dial-up option requires the customer to purchase the Controller Arrangement (USOC XTDDU) from 13.3.7 following.

*** An additional channel termination charge will apply whenever a spare channel is configured as a leg to the customer's premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

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

(N)

(Issued under Transmittal No. 1296)

Issued: November 4, 2014

Effective: November 19, 2014

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7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.8 Digital Data Service# (Cont'd)

(T)

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

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(3) Secondary Channel Capability			
- Per Channel Termination			
- 2.4 kbps	SSE24		
N-MSA		\$0.00	None
Price Band 4		0.00	None
Price Band 5		0.00	None
Price Band 6		0.00	None
- 4.8 kbps	SSE48		
N-MSA		\$0.00	None
Price Band 4		0.00	None
Price Band 5		0.00	None
Price Band 6		0.00	None
- 9.6 kbps	SSE96		
N-MSA		\$0.00	None
Price Band 4		0.00	None
Price Band 5		0.00	None
Price Band 6		0.00	None
- 56.0 kbps	SSE56		
N-MSA		\$0.00	None
Price Band 4		0.00	None
Price Band 5		0.00	None
Price Band 6		0.00	None

* The key activated control channel is rated as a Metallic Channel Termination (use USOC T6EME in lieu of T6ECS) and Channel Mileage, if applicable (use USOC 1L5MS in lieu of 1L5LS).

** The Dial-up option requires the customer to purchase the Controller Arrangement (USOC XTDDU) from 13.3.7 following.

*** An additional channel termination charge will apply whenever a spare channel is configured as a leg to the customer's premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

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

(N)

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Effective: November 19, 2014

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.8.1 Bonded Digital Link Service#

(T)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
Intra-office Channel			
- Per DS0	CU85X		
N-MSA		\$7.00	None
Price Band 4		7.00	None
Price Band 5		7.00	None
Price Band 6		7.00	None
Inter-office Channel			
- Per DS0	C6H5X		
N-MSA		12.00	None
Price Band 4		12.00	None
Price Band 5		12.00	None
Price Band 6		12.00	None

Service availability limited. Refer to # footnote on Page 7-60.1.

(N)

(Issued under Transmittal No. 1296)

Issued: November 4, 2014

Effective: November 19, 2014

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