

ACCESS SERVICE

6. Switched Access Service

6.1 General

Switched Access Service which is available to customers for their use in furnishing their services to end users, provides a two-point electrical communications path between a customer's premises and an end user's end office. Each path is capable of the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Switched Access Service provides for the use of common terminating, switching and trunking facilities of the Telephone Company's public switched network by customers for their use in furnishing their services. Directory listings are not included with Switched Access. These are provided from the Telephone Company's Local General Tariff.

Switched Access Service is provided in various service categories which are differentiated by their technical characteristics, e.g., line side vs. trunk side connection at the Telephone Company entry switch, and the manner in which an end user accesses them in originating calling, e.g., with or without an access code.

Switched Access Service provides end users the ability to originate calls to a customer's premises, and to terminate calls from a customer's premises to an end user in the LATA associated with the specific service category provided.

At the option of the customer, Switched Access Service may be provided for both interstate and intrastate communications. When the customer orders such mixed access, it is responsible for providing the reports in 2.3.15 preceding to the Telephone Company.

When the customer plans to use Switched Access Service in connection with the resale of services of another customer, such Switched Access Service will be provided as set forth in the following paragraphs of this Section. The customer shall order the features and options it desires in accordance with the provisions of this Section.

6.1.1 Switched Access Service Arrangements

There are three service categories through which Switched Access Service is provided: Feature Groups A, B and D Access Service. Following is a brief description of the Feature Group arrangements. More detailed descriptions are set forth in 6.2 following.

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements

(C)

Switched Access Service is provided in three unbundled service arrangements of alternative features and optional BSEs called (1) Lineside Switched Access BSA (Lineside BSA), (2) Trunkside Switched Access BSA (Trunkside BSA) and (3) Dedicated Network Access Link (DNAL) and in three optional service arrangements of standard and optional features called (1) Feature Group A (FGA), (2) Feature Group B (FGB), and (3) Feature Group D (FGD).

The arrangements are differentiated by their technical characteristics, e.g., line side vs. trunk side connection at the Telephone Company entry switch, and the manner in which an end user accesses them in originating calling, e.g., with or without an access code. A description of Lineside BSA and Trunkside BSA and Dedicated Network Access Link is in 6.3 following. A description of each Feature Group is in 6.2 following.

There are three service categories through which Switched Access Service is provided, Feature Groups A, B and D. Following is a brief description of the Feature Group arrangements. More detailed descriptions are set forth in 6.2 following.

(C) Indicates change.

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By Daniel J. Whelan, Vice-President, 315 N. 2nd St., Harrisburg, Pa.

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6. Switched Access Service

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements (Cont'd)

FGA Access provides line side access to Telephone Company end office switches with an associated seven digit local telephone number for the customer's use in originating from and terminating to communications to an Interexchange Carrier's intrastate access service.

When ordering FGA service, the customer must specify the Interexchange Carrier to which the FGA service is physically connected. If the customer cannot specify the type of connection used to transport traffic to the Interexchange Carrier's access service, the lineside service should be obtained as provided under the Telephone Company's local and/or general exchange service tariffs.

A more detailed description of FGA Access is provided in 6.2.1 following.

(B) Feature Group B (FGB)

FGB Access provides trunk side access to Telephone Company end office switches with an associated uniform 950-0XXX or 950-1XXX access code for the customer's use in originating and terminating communications.

(C) Feature Group D (FGD)

FGD Access provides trunk side access to Telephone Company end office switches with an associated 101XXXX access code for the customer's use in originating and terminating communications. (C)

Switched 56 Kilobit Service, as described in 6.2.3(A) (9) following, is an optional service available for use with Feature Group D. Switched 56 Kilobit Service is ordered as set forth in 5.2 preceding. (C)

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 WATS Service

WATS service is a type of Switched Access Service which provides a connection from a customer's premises to a customer's end user's premises through the combination of a WATS Access Connection (WAC) which connects the customer's premises to a WATS Serving Office (WSO) and Lineside BSA, Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option or Feature Groups A, B or D Switched Access Service as set forth in 6.2 following.

6.1.3 Rate Categories

There are five rate categories which apply to Switched Access Service:

- Access Connections
- Switched Transport
- Local Switching
- ☐ ☐ ☐ (C)
- Toll Free Data Base Access Service

☐ ☐ ☐ (C)

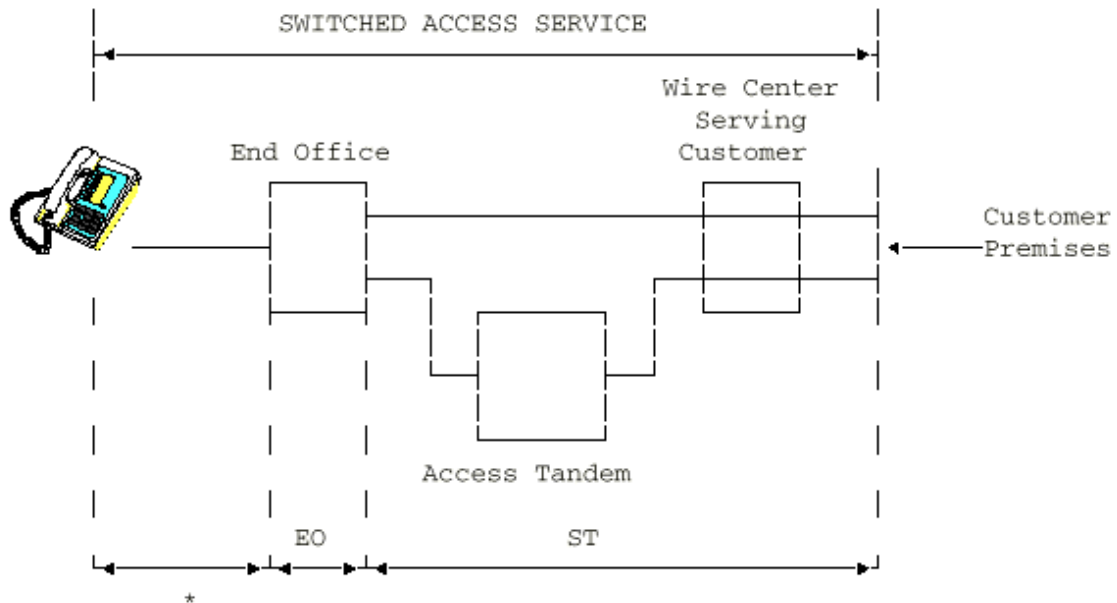
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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

The following diagram depicts a generic view of the components of Switched Access Service and the manner in which the components are combined to provide a complete access service.



ST - Switched Transport
EO - End Office

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Access Connections

The Access Connections rate category provides for the quantities of lines or trunks and interface arrangements established for the customer. Such Access Connections are provided at rates and charges as set forth in 6.9.1 following.

Trunks are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement. Differentiation of traffic is necessary for the Telephone Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the customer.

There are three major traffic types. These are: Originating, Terminating and Directory Assistance. Originating traffic type represents access capacity within a LATA for carrying traffic from the end user to the customer; Terminating traffic type represents access capacity within a LATA for carrying traffic from the customer to the end user; and, the Directory Assistance traffic type represents access capacity within a LATA for carrying Directory Assistance traffic from the customer to a Directory Assistance location. When ordering capacity for Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option or FGB Access or FGD Access, the customer must at a minimum specify such access capacity in terms of Originating traffic type and/or Terminating traffic type. Directory Assistance traffic type is used for ordering Directory Assistance Access Service as set forth in 9. following.

Because some customers will wish, or may be required, to further segregate their originating Trunkside BSA-101XXXX Option and FGD traffic into separate trunk groups, Originating traffic type is further categorized into Domestic, Toll Free Data Base Access Service, 900, Operator, IDDD and Switched 56 Kilobit Service. Domestic traffic type (C) represents access capacity for carrying only domestic traffic other than Toll Free Data Base Access Service, 900, and Operator traffic; IDDD traffic type.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(A) Access Connections (Cont'd)

represents access capacity for carrying only international traffic; Toll Free Data Base Access Service, 900, and Operator traffic represents access capacity for carrying, respectively, only Toll Free Data Base Access Service, 900 or Operator traffic. Switched 56 traffic type represents access capacity for carrying only Switched 56 Kilobit Service. When ordering such types of access capacity, the customer must specify Domestic, Toll Free Data Base Access Service, 900, Operator, IDDD or Switched 56 traffic type. Switched 56 traffic must be carried over separate trunk groups and cannot be combined with other traffic types. (C)

Only certain premises interface codes are available at the customer's premises. The premises interfaces associated with the Interface Groups may vary among Feature Groups. The various premises interfaces which are available with the Interface Groups, and the Switched Access Arrangements with which they may be used, are set forth in 6.1.3(A) (11) following. (C)

Compatibility and interface requirements for Trunkside BSA-101XXXX Option or FGD trunks equipped with Switched 56 Kilobit Service capability are described in TR-NPL 000334. (C)

The capacity provided with each Interface Group is based on the customer's order subject to 5.3 preceding. (C)

(1) Interface Group 1

- (a) Interface Group 1, except as set forth in (b) following, provides two-wire voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Access Connections (Cont'd)

(1) Interface Group 1 (Cont'd)

(b) Interface Group 1 is not provided in association with Trunkside BSA-101XXXX Option or FGD when the first point of switching is an access tandem. In addition, Interface Group 1 is not provided in association with Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option or FGB or FGD when the first point of switching provides only four-wire terminations. (C)

(c) The transmission path between the point of termination at the customer's premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

(d) The interface is provided with loop supervisory signaling. When the interface is associated with Lineside BSA or FGA, such signaling will be loop start or ground start signaling. When the interface is associated with Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option or with FGB or FGD, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling. (C)

(2) Interface Group 2

(a) Interface Group 2 provides four-wire voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Access Connections (Cont'd)

(2) Interface Group 2 (Cont'd)

(b) The transmission path between the point of termination at the customer's premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

(c) The interface is provided with loop supervisory signaling. When the interface is associated with Lineside BSA or FGA, such signaling will be loop start or ground start signaling. When the interface is associated with Trunkside SA-950 Option, Trunkside BSA-101XXXX Option or FGB or FGD, such signaling, except for two-waycalling which is E&M signaling, will be reverse battery signaling. (C)

(3) Interface Group 3

(a) Interface Group 3 provides a group level analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 60 to 108 kHz, with the capability to channelize up to 12 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex equipment to derive 12 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Access Connections (Cont'd)

(3) Interface Group 3 (Cont'd)

(b) The interface is provided with individual transmission path SF supervisory signaling.

(4) Interface Group 4

(a) Interface Group 4 provides supergroup level group analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 312 to 552 kHz, with the capability to channelize up to 60 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex and channel bank equipment to derive 60 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

(C)

(b) The interface is provided with individual transmission path SF supervisory signaling.

(5) Interface Group 5

(a) Interface Group 5 provides mastergroup level analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 564 to 3084 kHz, with the capability to channelize up to 600 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex and channel bank equipment to derive 600 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

(C)
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(b) The interface is provided with individual transmission path SF supervisory signaling.

(C) Indicates change.

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By J. J. Doherty, Jr., Director, One Parkway, Philadelphia, Pa.
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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Access Connections (Cont'd)

(6) Interface Group 6

(a) Interface Group 6 provides DS1 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive 24 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, a DS1 signal in D3/D4 format.

(C)
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(b) The interface is provided with individual transmission path bit stream supervisory signaling.

(7) Interface Group 7

(a) Interface Group 7 provides a DS1C level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 3.152 Mbps, with the capability to channelize up to 48 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 48 voice frequency transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

(C)
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(b) The interface is provided with individual transmission path bit stream supervisory signaling.

(C) Indicates change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Access Connections (Cont'd)

(8) Interface Group 8

(a) Interface Group 8 provides DS2 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 6.312 Mbps, with the capability to channelize up to 96 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment in its office to derive up to 96 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching, or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

(C)
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(b) The interface is provide with individual transmission path bit stream supervisory signaling.

(9) Interface Group 9

(a) Interface Group 9 provides DS3 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 672 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching, or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

(C)
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(b) The interface is provided with individual transmission path bit stream supervisory signaling.

(C) Indicates change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Access Connections (Cont'd)

(10) Interface Group 10

(a) Interface Group 10 provides DS4 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 274.176 Mbps, with the capability to channelize up to 4032 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 4032 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

(b) The interface is provided with individual transmission path bit stream supervisory signaling.

(11) Available Premises Interface Codes

Following is a matrix showing, for each Interface Group, which premises interface codes are available as a function of the Telephone Company switch supervisory signaling and Feature Group. For explanations of these codes, see 7.3 following.

<u>Interface Group</u>	<u>Telephone Company Switch Supervisory Signaling</u>	<u>Premises Interface Code</u>	<u>Switched Access Service</u>		
			<u>1</u>	<u>2</u>	<u>3*</u>
1	LO	2LS2	X		
	LO	2LS3	X		
	GO	2GS2	X		
	GO	2GS3	X		

- * 1 - Lineside BSA or FGA
2 - Trunkside BSA-950 Option or FGB
3 - Trunkside BSA-101XXXX Option or FGD

(C)

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Access Connections (Cont'd)

(11) Available Premises Interface Codes (Cont'd)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Switched Access Service		
			1	2	3*
1(Cont'd)	RV, EA, EB, EC	2DX3		X	X
	RV, EA, EB, EC	4EA3-E		X	X
	RV, EA, EB, EC	4EA3-M		X	X
	RV, EA, EB, EC	6EB3-E		X	X
	RV, EA, EB, EC	6EB3-M		X	X
	EA, EB, EC	6EC3		X	X
	RV	2RV3-O		X	X
	RV	2RV3-T		X	X
	Out of Band Signaling	2NO2			X
2	LO, GO	4SF2	X		
	LO, GO	4SF3	X		
	LO	4LS2	X		
	LO	4LS3	X		
	LO	6LS2	X		
	GO	4GS2	X		
	GO	4GS3	X		
	GO	6GS2	X		
	LO, GO	4DX2	X		
	LO, GO	4DX3	X		
	LO, GO	6EA2-E	X		
	LO, GO	6EA2-M	X		
	LO, GO	8EB2-E	X		
	LO, GO	8EB2-M	X		
	LO, GO	6EX2-B	X		
	RV, EA, EB, EC	4SF2		X	X
	RV, EA, EB, EC	4SF3		X	
	RV, EA, EB, EC	4DX2		X	X
	RV, EA, EB, EC	4DX3		X	
	RV, EA, EB, EC	6DX2			
	RV, EA, EB, EC	6EA2-E		X	X
	RV, EA, EB, EC	6EA2-M		X	X
	RV, EA, EB, EC	8EB2-E		X	X
	RV, EA, EB, EC	8EB2-M		X	X
	EA, EB, EC	8EC2-M		X	X

- * 1 - Lineside BSA or FGA
2 - Trunkside BSA-950 Option or FGB
3 - Trunkside BSA-101XXXX Option or FGD

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Access Connections (Cont'd)

(11) Available Premises Interface Codes (Cont'd)

<u>Interface Group</u>	<u>Telephone Company Switch Supervisory Signaling</u>	<u>Premises Interface Code</u>	<u>Switched Access Service</u>		
			<u>1</u>	<u>2</u>	<u>3*</u>
2 (Cont'd)	RV	4RV2-O		X	X
	RV	4RV2-T		X	X
	RV	4RV3-O		X	
	RV	4RV3-T		X	
	Out of Band Signaling	4NO2			X
3	LO, Go	4AH5-B	X		
	RV, EA, EB, EC	4AH5-B		X	X
	Out of Band Signaling	4AH5-B			X
4	LO, GO	4AH6-C	X		
	RV, EA, EB, EC	4AH6-C		X	X
	Out of Band Signaling	4Ah6-C			X
5	LO, GO	4AH6-D	X		
	RV, EA, EB, EC	4AH6-D		X	X
	Out of Band Signaling	4AH6-D			X
6	LO, GO	4DS9-15	X		
	LO, GO	4DS9-15L	X		
	RV, EA, EB, EC	4DS9-15		X	X
	RV, EA, EB, EC	4DS9-15L		X	X
	Out of Band Signaling	4DS9-15			X
	64CCC			X	
	64CCC			X	
7	LO, GO	4DS9-31	X		
	LO, GO	4DS9-31L	X		
	RV, EA, EB, EC	4DS9-31		X	X
	RV, EA, EB, EC	4DS9-31L		X	X
	Out of Band Signaling	4DS9-31			X
8	LO, GO	4DS0-63	X		
	LO, GO	4DS0-63L	X		
	RV, EA, EB, EC	4DS0-63		X	X
	RV, EA, EB, EC	4DS0-63L		X	X
	Out of Band Signaling	4DS0-63			X

- * 1 - Lineside BSA or FGA
2 - Trunkside BSA-950 Option or FGB
3 - Trunkside BSA-101XXXX Option or FGD

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Access Connections (Cont'd)

(11) Available Premises Interface Codes (Cont'd)

<u>Interface Group</u>	<u>Telephone Company Switch Supervisory Signaling</u>	<u>Premises Interface Code</u>	<u>Switched Access Service</u>		
			<u>1</u>	<u>2</u>	<u>3*</u>
9	LO, GO	4DS6-44	X		
	LO, GO	4DS6-44L	X		
	RV, EA, EB, EC	4DS6-44		X	X
	RV, EA, EB, EC	4DS6-44L		X	X
	Out of Band Signaling	4DS6-44			X
10	LO, GO	4DS6-27	X		
	LO, GO	4DS6-27L	X		
	RV, EA, EB, EC	4DS6-27		X	X
	RV, EA, EB, EC	4DS6-27L		X	X
	Out of Band Signaling	4DS6-27			X

Out of Band Signaling Connection (USOC TPPSX)

Premises Interface Codes

Common Channel Signaling Access Service is provided with Feature Group D equipped with out of band signaling. The associated out of band signaling connections are provided using Interface Groups 6 through 10 showing which premises interface codes are available for signaling connections as a function of the out of band signaling level of digital transmission.

<u>Interface Groups</u>	<u>Level of Transmission</u>	<u>Premises Interface Codes</u>
6	DS1	4DS9-15
7	DS1C	4DS9-31
8	DS2	4DS0-63
9	DS3	4DS6-44
10	DS4	4DS6-27

(12) Interface Group Nonchargeable Optional Features

The Telephone Company will provide the following optional features in association with the Interface Groups listed in (1) through (10) preceding. Only those interface groups referenced with each optional feature will be provided with that feature. The provision of such features may require placement of Telephone Company equipment on the customer's premises.

- * 1 - Lineside BSA or FGA
2 - Trunkside BSA - 950 Option or FGB
3 - Trunkside BSA - 101XXXX Option or FGB

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Access Connections (Cont'd)

(12) Interface Group Nonchargeable Optional Features
(Cont'd)

(a) Supervisory Signaling

A Supervisory signaling capability is provided for each Interface Group as listed in (1) through (10) preceding.

Where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability, the customer may order an optional supervisory signaling arrangement for each transmission path provided as follows:

- For Interface Groups 1 and 2

DX Supervisory Signaling.
E&M Type I Supervisory Signaling, or
E&M Type II Supervisory Signaling

- For Interface Group 2

SF Supervisory Signaling,
Tandem Supervisory Signaling, or
E&M Type III Supervisory Signaling

In addition, with the agreement of the Telephone Company, Interface Groups 6 through 10, may at the option of the customer, be provided with individual transmission path SF supervisory signaling.

These optional supervisory signaling arrangements are not available in combination with the Out of Band Signaling as specified in 6.1.3(B) (5) (2) (1) following.

(C)

(b) Customer-Specified Entry Switch Receive Level

This feature allows the customer to specify the receive transmission level at the first point of switching within a range acceptable to the Telephone Company in association with Interface Group 2 through 10. This feature is available with Lineside BSA, Trunkside BSA-950 Option and Feature Groups A and B.

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

The Switched Transport rate category provides the transmission facilities between the customer's premises and the end office switch(es) where the customer's traffic is switched to originate or terminate its communications. For purposes of determining Switched Transport mileage, distance will be measured from the wire center that normally serves the customer to the end office switch(es). Exceptions to the mileage measurement rules are set forth in 6.8.12 following.

Switched Transport is a two-way voice frequency transmission path composed of Switched Entrance facilities, Direct-Trunked Transport facilities, and/or Tandem-Switched Transport facilities which permit the transport of calls in the originating direction (from the end user end office switch to the customer's premises) and in the terminating direction (from the customer's premises to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency voice bandwidth of approximately 300 to 3000 Hz.

The Telephone Company will work cooperatively with the customer in determining: 1) the Entrance Facility; 2) whether the service is to be directly routed to an end office switch or through an access tandem switch via Tandem Switched facilities; and 3) the directionality of the service. When the customer has ordered Trunkside BSA-101XXXX Option or Feature Group D Switched Access Service with the Switched 56 Kilobit Service, the Telephone Company will provide facilities that are capable of supporting transmission of digital data at a speed of 56 Kbps. (C)

Switched Transport is provided at the rates and charges set forth in 6.9.2 following. The application of these rates with respect to individual Switched Access Arrangements is as set forth in 6.8.1(D) following. (C)

Switched Transport is comprised of an Entrance Facility rate category, as described in (1) following, a Direct-Trunked Transport rate category, as described in (2) following, and a Tandem-Switched Transport rate category, as described in (3) following.

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(1) Entrance Facility Rate Category

An Entrance Facility provides the communication path between a customer's premises and the Telephone Company SWC of that premises for the sole use of the customer. The Entrance Facility category is comprised of a Voice Grade rate, a DS1 rate, or a DS3 rate. An Entrance Facility is required whether the customer's premises and the SWC are located in the same or different buildings. The types of facilities available for Entrance Facilities are described in 6.2.3(B) (1) (5) following.

(C)

(2) Direct-Trunked Transport Rate Category

Direct-Trunked Transport provides the transmission path from the SWC of the customer's premises to an end office or as an option from the SWC to a tandem or, in the case of Voice Grade Service used for FGA/Lineside BSA, from the SWC to the Dial Tone Office (DTO). This transmission path is dedicated to the use of a single customer.

The Direct-Trunked Transport rate category is comprised of a monthly fixed rate and a monthly per-mile rate based on the facility provided (i.e., Voice Grade, DS1, or DS3). The fixed rate provides the circuit equipment at the ends of the transmission links. The per-mile rate provides the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. The Direct-Trunked Transport rate is the sum of the fixed rate and the per-mile rate. For purposes of determining the per-mile rate, mileage shall be measured as airline mileage between the SWC of the customer's premises and the end office or directly to the access tandem using the V&H coordinates method. The types of facilities available for Direct-Trunked Transport are described in 6.2.3(B) (1) (5) following.

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(B) Switched Transport (Cont'd)(3) Tandem-Switched Transport Rate Category

Tandem Switched Transport provides the transmission facilities from the end office to the tandem utilizing tandem switching functions. Tandem Switched Transport consists of circuits used in common by multiple customers from the access tandem to an end office.

The Tandem-Switched Transport rate category is comprised of a Tandem Transport fixed MOU rate, Tandem Transport per mile, per MOU rate, and a Tandem Switching MOU rate. The fixed rate provides the circuit equipment at the end of the interoffice transmission links. The per mile rate provides the transmission facilities, including intermediate transmission circuit equipment between the end points of the interoffice circuit. For purposes of determining the per-mile rate, mileage shall be measured as airline mileage between the end office and the tandem using the V&H coordinates method. For Toll Free originating access minutes, the Tandem Switching rate provides for tandem transport, tandem transmission, and tandem switching. No other Tandem Switched Transport usage charges will be assessed for Toll Free originating access minutes. For Other Than Toll Free originating access minutes, the Tandem Switching rate provides for tandem switching facilities. The Tandem Switched Transport rate is the sum of the fixed rate, the per-mile rate, and the Tandem Switching MOU rate.

The Dedicated Tandem Trunk Port is a monthly per port rate that provides a port for each dedicated trunk terminating on the serving wire center side of the access tandem.

The Transport Multiplexing rate provides for the use of common DS3 to DS1 multiplexers in the end office side of the access tandem for traffic that is switched at an access tandem and/or Feature Group A traffic.

* Issued in compliance with the Order of the Federal Communications Commission in WC (C)
Docket No. 18-156, In the Matter of 8YY Access Charge Reform, FCC 20-143, released (C)
October 9, 2020. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(3) Tandem-Switched Transport Rate Category (Cont'd)

(C)

The Tandem-Switched Transport fixed rate and the Tandem Transmission per-mile, per-MOU rate also apply to FGA/Lineside Switched Access Service with a Voice Grade facility. The miles are measured from the DTO to the End Office.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(5) Optional Features

(a) Chargeable Optional Features

(1) Provision of Other Than Telephone Company-
Selected Traffic Routing

This option allows the customer to specify a particular traffic routing for trunk groups in lieu of Telephone Company-selected routing, i.e., the customer may specify that the routing be on a direct-trunk basis or via an access tandem. It is available with Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option and Feature Groups B and D Switched Access Service.

(C)

(2) Customer Specification of Feature Group
Directionality

This option allows the customer to specify that the operation of a trunk group will be one-way originating or terminating calling in lieu of Telephone Company-selected two-way calling or, alternatively, that operation will be two-way calling in lieu of Telephone Company-selected one-way calling. It is available with Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option and Feature Groups B and D Switched Access Service.

(C)

(3) Customer Specification of Switched Transport
Termination

This option allows the customer to specify, for Trunkside BSA-950 Option or Feature Group B Switched Access Service routed directly to an end office or access tandem, a four-wire termination of the Local Transport at the entry switch in lieu of a Telephone Company-selected two-wire termination. This option is available only when the Trunkside BSA-950 Option or Feature Group B Switched Access Service arrangement is provided with Type B Transmission Performance.

These options are rated on an Individual Case Basis with both nonrecurring charges and monthly recurring rates applying.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(5) Optional Features (Cont'd)

(a) Chargeable Optional Features (Cont'd)

(4) Toll Free Data Base Access Service

(C)

Toll Free Data Base Access Service is an
originating-only trunkside service. When an
Toll Free+NXX+XXXX call is originated by an end
user, the Telephone Company will perform
customer identification based on screening of
the full ten digits of the Toll Free number to
determine the customer location to which the
call is to be routed.

(C)

(C)

(C)

Customers have the option of specifying an area
of service from which to receive calls. A
specific area of service can be a LATA, state,
region, USA, or USA/Canada/Caribbean.

Toll Free Data Base Access Service calls may be
delivered to the customer directly from an end
office only when the end office is equipped with
Toll Free Data Base query functionality, i.e.,
ability to query the Toll Free Data Base to
perform ten-digit customer identification. When
the end office does not have Toll Free Data Base
query functionality, the query is delivered to
the customer from the access tandem (all access
tandems have Toll Free Data Base query
functionality).

(C)

(C)

|

(C)

(C)

Feature Group D or Trunkside BSA-101XXXX Option
rates and charges apply to Toll Free Data Base
Access Service calls originated from end offices
with equal access capability. In addition to
Feature Group D or Trunkside BSA-101XXXX Option
usage charges, a basic query charge as specified
in 6.9.2(C) applies to each Toll Free Data Base
Access Service call delivered to the customer. A
basic query charge consists of customer
identification, i.e., Carrier Identification
Number (CIC), delivery of the dialed Toll Free
ten-digit number, ANI, and the allowable area of
service, designated by the customer, from which
Toll Free calls can be received.

(C)

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(C)

Basic Query Charge

The basic query charge is assessed to the
customer based on the query of the Toll

(C)

Free+NXX+XXXX number dialed and/or delivered to the customer in conjunction with Toll Free Data Base Access Service. Toll Free+NXX+XXXX calls delivered to the customer are routed based on information derived via queries to the Toll Free Data Base.

(C)

ISSUED OCTOBER 22, 1997

EFFECTIVE JANUARY 1, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(5) Optional Features (Cont'd)

(a) Chargeable Optional Features (Cont'd)

(5) Vertical Feature Package (VFP)

This feature package, available only with Toll Free Data Base Access Service, provides feature functionality in addition to the basic query. The feature package may include various destination options such as POTS translation, carrier selection, time-of-day routing, day-of-week routing, specific date routing, geographic routing, routing based on percent of allocation, and emergency routing profiles.

(C)
1

Vertical Feature Package Charge

The vertical feature package charge is assessed to the customer when, in addition to the basic query, a Toll Free Data Base query contains one, all, or any combination of the vertical features described above.

(C)

Transmission Specifications

Toll Free Data Base Access Service is provided with either Type A, Type B or Type C transmission specifications as follows:

(C)

- When routed directly to the end office either Type B or C is provided.
- When routed to an access tandem only Type A is provided.
- Type A is provided on the transmission path from the access tandem to the end office.

Type C transmission specifications are provided with Interface Group 1. Type A and Type B transmission specifications are provided with Interface Groups 2 through 10.

For Toll Free Data Base Access Service traffic originating from end offices with Data Base query functionality, all normal Feature Group D and Trunkside BSA-101XXXX Option parameters apply.

(C)

(C)

For Toll Free Data Base Access Service traffic

(C)

originating from all other end offices, Type A transmission specifications are provided for the facility between the access tandem and the customer's premises.

ISSUED OCTOBER 22, 1997

EFFECTIVE JANUARY 1, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(C)

(5) Optional Features (Cont'd)

(a) Chargeable Optional Features (Cont'd)

(6) Multiplexing

Multiplexing provides the capability of converting the capacity or bandwidth of a facility from a higher level to a lower level or from a lower level to a higher level. Multiplexing arrangements available for Entrance Facilities and Direct-Trunked Transport facilities are described in 1. and 2. following. Rates and charges are set forth in Section 6.9 following.

When the customer requests Tandem-Switched Transport and Direct-Trunked Transport to connect to the same Entrance Facility, multiplexing is required at the SWC and must be ordered by the customer as a chargeable optional feature of the Entrance Facility as set forth in 1. and/or 2. following.

Chargeable multiplexing arrangements ordered with an Entrance Facility at a SWC or a Direct-Trunked Transport facility at an end office are associated with the facility with the higher capacity or bandwidth, e.g., a DS1 to Voice Grade multiplexing arrangement is associated with the facility using a DS1 connection.

1. DS1 to Voice Grade

This arrangement converts a DS1 channel to twenty-four Voice Grade channels utilizing time division multiplexing. A DS1-to-Voice-Grade multiplexing arrangement is required at the end office when the customer orders Lineside Access which is transported via a DS1 Direct-Trunked Transport facility.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(5) Optional Features (Cont'd)

(a) Chargeable Optional Features (Cont'd)

(6) Multiplexing (Cont'd)

2. DS3 to DS1

This arrangement converts a DS3 channel to twenty-eight DS1 channels utilizing time division multiplexing. The twenty-eight channels may be further multiplexed utilizing DS1 to Voice Grade multiplexers. DS3 to DS1 multiplexing is available as a chargeable optional feature for Entrance Facilities and Direct-Trunked Transport facilities. DS3 to DS1 multiplexing is always required at the SWC of the customer's premises when a DS3 Entrance Facility is to connect to a lower level of capacity.

(7) Special Facilities Routing

A customer may request that the facilities used to provide Switched Transport Service be specially routed. The regulations, rates, and charges for Special Facilities Routing (i.e., Diversity) are set forth in section 11 following.

(8) Diversity

Diversity denotes that a service must be provided over not more than two different physical routes. The rates for Diversity, as specified in 6.9.1(F) following, applies per entrance facility and are in addition to the entrance facility and channel mileage rates and charges for each high capacity service.

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(5) Optional Features (Cont'd)

(a) Chargeable Optional Features (Cont'd)

(9) Shared Network Arrangement

1. A Shared Network Arrangement is a service offering that enables a customer (the "Service User") to connect subtending services to the multiplexed High Capacity service or **IntelliMux**sm service of another customer (the "Host Subscriber"), with the Telephone Company maintaining separate records and billing for each. Each customer will be billed for those rate elements associated with its own portion of the service configuration. Under no circumstances will the rates or charges for individual rate elements be split. This offering is limited to service configurations where a Service User obtains either subtending Voice Grade or Digital Data circuits from a Host Subscriber's multiplexed DS1 service, or DS1 circuits from a Host Subscriber's multiplexed DS3 service.
2. Under the Shared Network Arrangement, the Telephone Company may share with the host subscriber record information pertaining to the services of other users of the shared network. Such disclosure will be under the sole discretion of the Telephone Company as is necessary to perform billing reconciliations and/or other functions required in connection with maintain-ing account records.
3. Rate regulations specific to Shared Network Arrangements are contained in 6.8 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(5) Optional Features (Cont'd)

(a) Chargeable Optional Features (Cont'd)

(10) Alternate Serving Wire Center

1. Alternate Serving Wire Center (ASWC) is an optional feature which provide a transmission path for DS1 or DS3 Entrance Facilities between the customer's designated premises and a serving wire center separate from the normal serving wire center.
2. The Telephone Company will designate the serving wire center to be used as the alternate. The ASWC feature is available where continuous wire centers with adjacent fiber feeder routes exist. Where facilities are not available, Special Construction rates and regulations may apply as set forth in the appropriate Special Construction tariff. Where service is available, provisioning is based on a Negotiated Interval as described in 5.2.1(B) preceding. (C)
3. The rate for Alternate Serving Wire Center, as specified in 6.9.2(K) following, applies per point of termination, and is in addition to the Entrance Facilities and Direct-Trunked Transport Charges for each DS1 or DS3 service provided over the alternate path. Direct-Trunked Transport for the alternately routed service is based on mileage measured from or to the alternate serving wire center. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

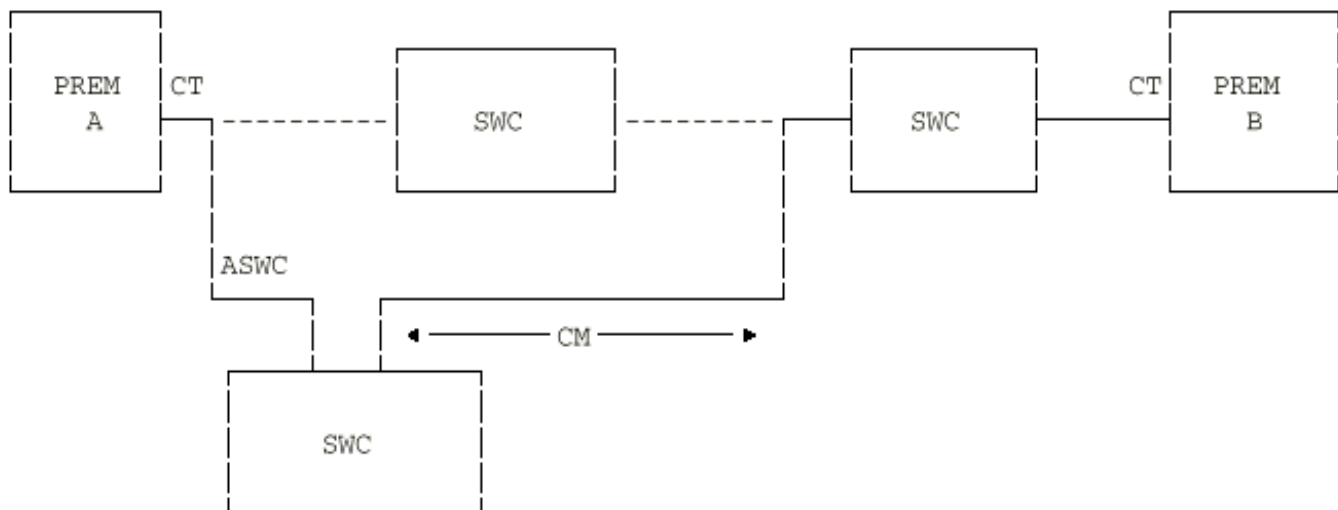
(5) Optional Features (Cont'd)

(a) Chargeable Optional Features (Cont'd)

(10) Alternate Serving Wire Center (Cont'd)

3. (Cont'd)

Example: Rate application for a High Capacity
service connecting two customer
premises via ASWC.



----- Normal Transmission Path
_____ Alternate Transmission Path

Rate Elements

2 Channel Terms (CT)
Channel Mileage (CM)
1 ASWC

Applicable Charges

Monthly and nonrecurring
Monthly
Monthly

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(5) Optional Features (Cont'd)

(2) Nonchargeable Optional Features

(1) Out-of-Band Signaling

1. This ordering option allows the customer to exchange signaling for Feature Group D and Trunkside BSA-101XXXX Option Switched Access Service call set-up over a communications path which is separate from the message path. This option is provided with SS7 Protocol and is only available with Feature Group D and Trunkside BSA-101XXXX Option Switched Access Service. This option requires the establishment of Common Channel Signaling Access Service (CCSAS) between the customer's SPOI and the Telephone Company's STP as specified in 6.9.2(I) following. (C)
2. Out-of-Band Signaling is provided in both the originating and terminating direction on FGD and Trunkside BSA-101XXXX Option Switched Access Service. (C)

Each signaling connection is provisioned for two-way transmission of Out-of-Band Signaling information.
3. Customers ordering Out-of-Band Signaling are subject to the requirements specified in 2.4.7(A), 2.4.7(B) and 2.4.7(C) preceding.
4. Out-of-Band Signaling is subject to the rates and charges as specified in 6.9 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(5) Optional Features (Cont'd)

(2) Nonchargeable Optional Features

(1) Out-of-Band Signaling (Cont'd)

5. Conversion from MF signaling to SS7 signaling or from SS7 signaling to 64 Clear Channel Capability (64CCC) is not subject to charges as specified in section 6.9.5 following. These conversions will be performed at Telephone Company access tandems and end offices designated as having SS7 or 64CCC functionality. The number of trunks converted to SS7 signaling cannot exceed the number of trunks with MF signaling that are converted, and the number of trunks converted to 64CCC cannot exceed the number of trunks with MF or SS7 signaling that are converted. The customer must retain the same technical interface specifications unless otherwise mutually agreed upon by the Telephone Company and the customer, when appropriate Telephone Company central office switching equipment and other facilities exist. Conversion of tandem or end office trunks from MF signaling to SS7 signaling or from SS7 signaling to 64CCC will be scheduled on a project basis by the Telephone Company, in cooperation with the customer.

6. At the customer's request, the Telephone Company will modify FGD or Trunkside BSA-101XXXX or 101XXXX Option Switched Access Service with out-of-band signaling to accept SS7 signaling messages and protocol, as described in Technical Reference TR-TSV-000962, Issue 1, September 1990, pursuant to successful completion of testing specified in 6.2.3(E). (C)

7. 64 Clear Channel Capability (64CCC) will be provided in connection with FGD and Trunkside BSA-101XXXX or 101XXXX Option Switched Access Service with out-of-band signaling digital trunk facilities provisioned at Interface Group 6 or 9, where appropriate Telephone Company equipment and other facilities exist. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(5) Optional Features (Cont'd)

(2) Nonchargeable Optional Features (Cont'd)

(C)

(1) Out-of-Band Signaling (Cont'd)

8. 64CCC is provided through the use of Bipolar with Eight-Zeros Substitution line code which must be provided in both directions of transmission. 64CCC will be provisioned on T1 facilities whose digital transmission signaling is framed in the Extended Superframe Format. The same framing format must be used in both directions of transmission. Technical Reference TR-NWT-000938, Issue 1, August 1990, provides the technical specifications for 64CCC.

9. 64CCC requires the establishment of CCSAS as specified in section 6.2.3(E). The CCS/SS7 protocol requirements for 64CCC are specified in Technical Reference TR-TSV-000962, Issue 1, September 1990. When 64CCC is ordered, the Telephone Company will schedule additional network compatibility and other operational tests as specified in section 6.2.3(E).

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(C) Local Switching

The Local Switching rate category provides the local end office switching necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The Local Switching rate category provides for the termination of a call at a Telephone Company Intercept Operator or recording and provides the local switching for Lineside BSA, Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option, Feature Groups A, B and D.

Where end offices are appropriately equipped, international dialing may be provided as a capability associated with Trunkside BSA-101XXXX Option and FGD. International dialing provides the capability of switching international calls with service prefix and address codes having more digits than are capable of being switched through a standard Trunkside BSA- 101XXXX Option and FGD equipped end office.

Transitional Terminating Access Charge A Transitional Per-Minute Charge will apply from July 1, 2012 through June 30, 2013 to all Transitional Intrastate Access Service end-office switching minutes, as defined in 47 C.F.R. 51.903(j). The charge will be calculated as set forth in 47 C.F.R. §51.907(b) (2) (v). The charge will be eliminated July 1, 2013.

(C)

There are two types of local switching functions, i.e., Common Switching functions and Transport Termination functions. These are described in (1) and (2) following.

(1) Common Switching

The Common Switching functions provide the local end office switching functions associated with the various access, i.e., Feature Group and Toll Free Data Base Access Service, switching arrangements. The Common Switching arrangements provided for the various Switched Access arrangements are described in 6.2 following.

Included as part of the Common Switching are various nonchargeable optional features which the customer can order to meet its specific communications requirements. These optional features are described in 6.4.1 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(C) Local Switching (Cont'd)

(2) Transport Termination

The Transport Termination functions provide for the line- or trunkside arrangements which terminate the Switched Transport facilities. Included as part of Transport Termination are various nonchargeable optional termination arrangements. These optional terminating arrangements are described in 6.4.2 following.

Local Switching use is measured on an originating and terminating basis. Rates for Local Switching MTS use are applied by Switched Access Service arrangements, e.g., Lineside BSA, Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option, Feature Groups A, B and D Switched Access Service, on an originating-access-minutes basis and by Switched Access Service arrangements, e.g., Lineside BSA, Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option, Feature Groups A, B and D Switched Access Service, on a terminating-access-minutes basis. Rates for Local Switching WATS, provided through the use of a WATS Access Connection, in association with Trunkside BSA-101XXXX Option and Feature Group D Switched Access Service are applied on an originating-access-minutes basis. (C)

The access minutes for Local Switching MTS will be multiplied by the charges as set forth in 6.9.3(A) following. The access minutes for Local Switching WATS will be multiplied by the charges as set forth in 6.9.3(B) following.

(3) Switched 56 Kilobit Service Charge

The Switched 56 Kilobit Service Charge is assessed to the customer based on the total number of Switched 56 Kilobit Service minutes of use. Switched 56 Kilobit Service minutes of use are those access minutes transported via separate Switched 56 Kilobit Service trunks as specified in 6.2.3(A) (9) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(C) Local Switching (Cont'd)

When Lineside BSA or Feature Group A Switched Access Service terminates in Telephone Company end offices that are not equipped for measurement capabilities, a Telephone Company-assumed average number of access minutes as set forth in 6.8.7 following will be billed to the customer in lieu of actual usage. For terminating Trunkside BSA-950 Option and Feature Group B Switched Access Service where no measurement capabilities exist in the Telephone Company-designated electronic Access Tandem switch, a Telephone Company-assumed average number of access minutes will be billed to the customer in lieu of actual usage as set forth in 6.8.7 following.

The number of end office switching transmission paths provided will be determined as set forth in 6.6.5 following.

(4) Shared End Office Trunk Port

The Shared End Office Trunk Port minute-of-use rate provides for the use of the shared end office trunk ports for termination of common transport trunk, and/or FGA access minutes at the end office.

(5) Dedicated End Office Trunk Port*

(C)

The Dedicated End Office Trunk Port monthly rate provides for termination of a dedicated trunk in the end office port. The rate is assessed per activation trunk for all trunkside services, per analog or digital end office.

(6) Composite Terminating End Office Charge (CTEOC)

(C)

The composite terminating end office charge will apply to all terminating access minutes of use.

* Rate will only apply to the portion associated with originating usage.

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(C) Local Switching (Cont'd)

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.4 Special Facilities Routing

A customer may request that the facilities used to provide Switched Access Service be specially routed. If, in the judgment of the Telephone Company there is no reason to refuse the special routing, rates and charges will be developed on an individual case basis.

6.1.5 Design Layout Report

The Telephone Company will provide to the customer the makeup of the facilities and services provided to the first point of switching. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge.

6.1.6 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters: loss, 3-tone slope, d.c. continuity and operational signaling. When the Access Connection is provided with a Type 2 interface and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

If acceptance tests are not started within 30 minutes after pre-service tests have been completed and the customer has been notified by the Telephone Company that the tests have been completed, additional charges will apply, as set forth in 13.2.6(B) following, unless the delay in starting the tests is caused by The Telephone Company, in which event no additional charges will apply.

6.1.7 Ordering Options and Conditions

Switched Access Service is ordered under the access order provisions set forth in 5. preceding. Also, included in that Section are other charges which may be associated with ordering Switched Access Service (e.g. Service Date Change Charges, Cancellation Charges, etc.).

☐ ☐ ☐ (C) Indicates change. (C)

ISSUED FEBRUARY 25, 1987.

EFFECTIVE APRIL 26, 1987.

By J. J. Doherty, Jr., Vice-President, One Parkway, Philadelphia, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.8 Channel Interface and Network Channel Codes

(C)

This section explains the Channel Interface codes and Network Channel codes that the customer must specify when ordering Switched Access Service. Included is an example which explains the specific characters of the code, a glossary of Channel Interface codes, impedance levels, Network Channel codes and compatible Channel Interfaces.

Example: If the customer specifies a MT Network Channel Code and a 2DC8-3 Channel Interface at the customer's premises, the following is being requested:

MT = Metallic Channel with a Predefined Technical
Specification Package (1)
2 = Number of physical wires at customer premises
DC = Facility interface for direct current or voltage
8 = Variable impedance level
3 = Metallic facilities (DC continuity) for direct
current/low frequency control signals or slow speed
data (30 baud)

(A) 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)
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
	10	VF for TG1 and TG2
	43	VF for 43 Telegraph Carrier type signals, TG1 and TG2
DC	-	direct current or voltage
	1	monitoring interface with series RC combination (McCullon format)
	2	Telephone Company energized alarm channel
	3	Metallic facilities (DC continuity) for direct current/low frequency control signals or slow speed data (30 baud)

(C) Indicates change.

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By J. J. Doherty, Jr., Vice-President, One Parkway, Philadelphia, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.8 Channel Interface and Network Channel Codes (Cont'd)

(C)

(A) Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
DD	-	DATAPHONE Select-A-Station (and TABS) interface at customer's point of termination
DE	-	DATAPHONE Select-A-Station (and TABS) interface at the customer's end user's point of termination
DS	-	digital hierachy 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
	- 15G	8-bit PCM encoded in three 64 kbps of the DS1 signal
	- 15H	14/11-bit PCM encoded in six 64 kbps of the DS1 signal
	- 15J	1.544 Mbps format per PUB 41451
	- 15K	1.544 Mbps format per PUB 41451 plus extended framing format
	- 15L	1.544 Mbps (DS1) with SF signaling
	27	274.176 Mbps (DS4)
	- 27L	274.176 Mbps (DS4) with SF signaling
	- 31	3.152 Mbps (DS1C)
	- 31L	3.152 Mbps (DS1C) with SF signaling
	- 44	44.736 Mbps (DS3)
	- 44L	44.736 Mbps (DS3) with SF signaling
	- 63	6.312 Mbps (DS2)
	- 63L	6.312 Mbps (DS2) with SF signaling
DU	-	digital access interface
	- 24	2.4 kbps
	- 48	4.8 kbps
	- 56	56.0 kbps
	- 96	9.6 kbps
	- A	1.544 Mbps format per PUB 41451
	- B	1.544 Mbps format per PUB 41451 plus D4
	- C	1.544 Mbps format per PUB 41451 plus extended framing format

(C) Indicates change.

ISSUED FEBRUARY 25, 1987.

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By. J. J. Doherty, Jr., Vice-President, One Parkway, Philadelphia, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.8 Channel Interface and Network Channel Codes (Cont'd)

(C)

(A) Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
DX -		duplex signaling interface at customer's point of termination
DY -		duplex signaling interface at customer's end user's point of termination
EA -	E	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EA -	M	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EB -	E	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EB -	M	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EC -		Type III E&M signaling at customer POT
EX -	A	tandem channel unit signaling for loop start or ground start and customer supplies open end (dial tone, etc.) functions.
EX -	B	tandem channel unit signaling for loop start or ground start and customer supplies closed end (dial pulsing, etc.) functions.
GO -		ground start loop signaling - open end function by customer or customer's end user
GS -		ground start loop signaling - closed end function by customer or customer's end user
	C	Centrex foreign exchange termination
	M	for terminating in central office located answering service concentrator
IA -		E.I.A. (25 pin RS-232)
LA -		end user loop start loop signaling - Type A OPS registered port open end
LB -		end user loop start loop signaling - Type B OPS registered port open end
LC -		end user loop start loop signaling - Type C OPS registered port open end

(C) Indicates change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements

Switched Access Service is provided in four different Switched Access Service arrangements, Feature Groups A, B, D and Toll Free Data Base Access Service. The provision of each Switched Access Service arrangement requires an Access Connection, Local Transport facilities and the appropriate Local Switching functions. In addition, WATS Access Connections are provided with originating and terminating Feature Groups A, B and D. (C)

There are three specific transmission performances that have been identified for the provision of Switched Access Service arrangements, i.e., Types A, B and C. The specific performance provided is dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission performances are set forth in 6.5.1 following.

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered, while originating Toll Free Data Base Access Service is arranged for originating only. Additional charges will apply for customer specification of directionality. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer specifies in its order that a different type of directional calling is to be provided. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access (Cont'd)

There are various chargeable and nonchargeable optional features available with the Switched Access Arrangements. These additional optional features are provided as Access Connections, Local Transport, Common Switching or Transport Termination options.

Following are detailed descriptions of each of the available Switched Access Arrangements. Each is described in terms of its specific physical characteristics and calling patterns, the transmission performances with which it is provided, optional features available for use with it and the standard testing capabilities.

The Common Switching and Transport Termination optional features, which are described in 6.4 following, are available at all Telephone Company end office switches, unless specifically stated otherwise.

6.2.1 Feature Group A (FGA)*

(C)

(A) Description

- (1) FGA is provided in connection with Telephone Company electronic and electromechanical end offices. In electromechanical end offices that are not equipped for measurement capabilities, FGA is offered only to existing customers associated with existing service arrangements. At the option of the customer, FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling. FGA is arranged for use by the customer in the provision of its FX/ONAL service or MTS/WATS-type service.
- (2) FGA provides a line side termination at the first point of switching. The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.
- (3) The Telephone Company shall select the first point of switching, within the selected LATA, at which the line side termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities are available to accommodate such a request.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

(C)

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(C)

(C) Indicates change.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access (Cont'd)6.2.1 Feature Group A (FGA)* (Cont'd)

(C)

(A) Description (Cont'd)

- (4) Entrance facilities are required between the serving wire center and an interexchange carrier's point of presence, and the customer shall provide the connecting facility assignment (CFA) information, as defined in Section 2.6 preceding, using the industry standard Common Language Facility Identification. The CFA must include channel assignment information necessary to connect the FGA service to the intrastate access network.
- (5) Existing Lineside BSA or Feature Group A Service Customers are customers who installed service prior to October 15, 1997 and who may not have been required to provide Connecting Facility Assignment (CFA) information. These Existing Service Customers are grandfathered and will be allowed to make physical changes, such as moves, changes, or rearrangements, for a period of three (3) months or no later than January 14, 1998. However, the total number of lines purchased can not increase. Beginning January 15, 1998, CFA information must be provided if any moves, changes, or rearrangements are requested. Administrative changes will be allowed to all Existing Service Customers without having to provide a CFA.
- (6) A seven digit local telephone number assigned by the Telephone Company is provided for access to FGA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

(C)
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(C)

Some material previously located on this sheet is now located on Original Sheet 176A

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access (Cont'd)6.2.1 Feature Group A (FGA)* (Cont'd)(A) Description (Cont'd)

- (7) FGA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction FGA switching may, at the option of the customer, be arranged for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching. When FGA switching is provided in a hunt group or uniform call distribution arrangement, all FGA switching will be arranged for the same type of address signaling.
- (8) No address signaling is provided by the Telephone Company when FGA Switching is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of Access Connections and Local Transport provided.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

Material now located on this sheet was previously located on Seventh Revised Sheet 176

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access (Cont'd)6.2.1 Feature Group A (FGA)* (Cont'd)

(C)

(A) Description (Cont'd)

- (9) FGA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator service (0- and 0+), local directory assistance, emergency reporting service (911), local exchange telephone repair, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customer's services (by dialing the appropriate digits). Charges for FGA terminating calls requiring operator assistance on calls to local exchange repair or 911 will only apply where sufficient call details are available. For calls to services of other customers, additional charges may apply.

Additional charges will also be billed for: (1) an operator surcharge, as set forth in the local exchange Tariffs, for local operator assistance (0- and 0+) calls, (2) calls to certain community information services, for which rates are applicable under Telephone Company exchange service Tariffs, e.g., 976 Audiotex Service, and (3) customer call charges in accordance with the Tariffs in force when the Telephone Company performs the billing for such customer calls. Calls to community information services are permitted only where billing capability exists, i.e., sufficient billing call detail is available to permit the billing of applicable non-access charges. For calls to local Directory Assistance, Local Transport rates for FGA Switched Access Service will not apply. Instead, calls to Directory Assistance are subject to the Directory Assistance Service Call rate set forth in 9.6(A) following.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

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(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access (Cont'd)6.2.1 Feature Group A (FGA)* (Cont'd)

(C)

(A) Description (Cont'd)

(10) When a FGA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected and, at the option of the customer, a referral to another number.

(11) A WATS Access Connection may, at the option of the customer, be provided for use with FGA Switched Access Service. A WATS Access Connection provides a connection between a customer's end user's premises and a Telephone Company end office switch.

WATS Access Connections are arranged for either originating calling only or terminating calling only. They are provided with rotary dial or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling. The choice of the type of signaling is at the option of the customer.

WATS Access Connections are provided as an effective two-wire transmission path. Each transmission path is provided with Standard Transmission Specifications as set forth in Bell Atlantic Telephone Companies' Tariff F.C.C. No. 1. A WATS Access Connection may, at the option of the customer, be provided as an effective four-wire transmission path on an Individual Case Basis.

Originating only WATS 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.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

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(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access (Cont'd)6.2.1 Feature Group A (FGA)** (Cont'd) (C)(B) Optional Features(1) Common Switching Optional Features

- (a) Hunt Group Arrangement
- (b) Uniform Call Distribution Arrangement
- (c) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement
- (d) Call Denial
- (e) Service Code Denial
- (f) Toll Billing Exception
- (g) Code Screening for use with WATS Service
- (h) Hunt Group Arrangement for Use with WATS Service
- (i) Uniform Call Distribution Arrangement for Use with WATS Service*
- (j) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Service*

(2) Transport Termination Optional Features

- (a) Two-way operation with dial pulse address signaling and loop start supervisory signaling
- (b) Two-way operation with dial pulse address signaling and ground start supervisory signaling
- (c) Two-way operation with dual tone multifrequency address signaling and loop start supervisory signaling
- (d) Two-way operation with dual tone multifrequency address signaling and ground start supervisory signaling
- (e) Terminating operation with dial pulse address signaling and loop start supervisory signaling
- (f) Terminating operation with dial pulse address signaling and ground start supervisory signaling
- (g) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
- (h) Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling
- (i) Originating operation with loop start supervisory signaling
- (j) Originating operation with ground start supervisory signaling.

* Available only when the WATS Access Line Service is provided from a converted or equal access end office.

** Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. (C)

(C) Indicates change.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access (Cont'd)6.2.1 Feature Group A (FGA)* (Cont'd) (C)(B) Optional Features

(3) Certain other features which may be available in connection with Feature Group A are provided under the Telephone Company's Local General Tariffs. These are:

- (a) Optional Central Office Services
- (b) Remote Call Forwarding
- (c) IntraLATA extensions
- (d) Directory Listings

(4) WATS Access Connections

- (a) Two-Wire WATS Access Connection
- (b) Four-Wire WATS Access Connection

(C) Transmission Performance

FGA is provided with either Type B or Type C Transmission Performance. The parameters associated with these performances are guaranteed to the first point of switching. Type C Transmission Performance is provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGA to the first point of switching.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access (Cont'd)6.2.1 Feature Group A (FGA)* (Cont'd)

(C)

(D) Testing Capabilities

FGA is provided, in the terminating direction where equipment is available, with seven-digit access to a balance (100 type) test line and a milliwatt (102 type) test line. Additional Cooperative Acceptance Testing and Non-Scheduled Testing will be provided as set forth in 13. following.

6.2.2 Feature Group B (FGB)(A) Description

- (1) FGB, when directly routed to an end office, i.e., provided without the use of an access tandem switch, is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company-designated electronic access tandem switches, FGB switching is provided at Telephone Company electronic end office switches.
- (2) FGB is provided as trunkside switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
- (3) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth in 6.4 following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Access Connections and Switched Transport provided.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

(C)

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(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access (Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

(4) The access code for FGB switching is a uniform access code. The form of the uniform access code is 950-0XXX or 950-1XXX for carriers. One uniform access code will be assigned to the customer for its domestic communications and another will be assigned to the customer for its international communications, if required. These uniform access codes will be the assigned access numbers of all FGB switched access service provided to the customer by the Telephone Company.

(5) FGB switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customer's services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. For calls to services of other customers, additional charges may apply. The customer will also be billed additional charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service Tariffs, e.g., 976 Audiotex Service. Calls to community information services are permitted only where billing capability exists, i.e., sufficient billing and call detail is available to permit the billing of applicable non-access charges. Calls in the terminating direction will not be provided to 950-10XX access codes, local operator assistance (0- and 0+), local directory assistance, service code (911) or 101XXXX access codes. Calls will be completed to local or non-local Directory Assistance when FGB switching is combined with Directory Assistance switching. The combination of FGB switched access with DA service is provided as set forth in 9. following. FGB may not be switched, in the terminating direction, to Switched Access Service Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option or Feature Groups B and D. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd) (C)

6.2.2 Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

- (6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGB switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGB switching arrangement provided. Different types of FGB or other switching arrangements may be combined in a single trunk group subject to availability of Telephone Company equipment.
- (7) When all FGB switching arrangements are discontinued at an end office and/or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.
- (8) A WATS Access Connection may, at the option of the customer, be provided for use with FGB Switched Access Service. A WATS Access Connection provides a connection between a customer's end user's premises and a Telephone Company end office switch.

WATS Access Connections are arranged for either originating calling only or terminating calling only. They are provided with rotary dial or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling. The choice of the type of signaling is at the option of the customer.

WATS Access Connections are provided as an effective two-wire transmission path. Each transmission path is provided with Standard Transmission Specifications as set forth in Bell Atlantic Telephone Companies' Tariff F.C.C. No. 1. A WATS Access Connection may, at the option of the customer, be provided as an effective four-wire transmission path on an Individual Case Basis.

(C) Indicates change.

ISSUED MAY 3, 1993.

EFFECTIVE MAY 4, 1993.

By Daniel J. Whelan, Vice-President, 315 N. 2nd St., Harrisburg, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access (Cont'd) (C)

6.2.2 Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

Originating-only WATS 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 test 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. (C)

(B) Optional Features

(1) Common Switching Optional Features

- (a) Automatic Number Identification (ANI)
- (b) Up to 7-Digit Outpulsing of Access Digits (C)
- (c) Alternate Traffic Routing
- (d) Code Screening for use with WATS Service
- (e) Hunt Group Arrangement for Use with WATS Service
- (f) Uniform Call Distribution Arrangement for Use with WATS Service*
- (g) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Service*

(2) Transport Termination Optional Features

- (a) Rotary Dial Station Signaling

(3) Switched Transport Optional Features (C)

- (a) Customer Specification of Feature Group Directionality
- (b) Provision of Other Than Telephone Company-Selected Traffic Routing (C)
- (c) Customer Specification of Local Transport Termination

(4) WATS Access Connections

- (a) Two-Wire WATS Access Connection
- (b) Four-Wire WATS Access Connection

* Available only when the WATS Access Line Service is provided from a converted or equal access end office.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access (Cont'd)

(C)

6.2.2 Feature Group B (FGB) (Cont'd)

(C) Transmission Performance

FGB is provided with either Type B or Type C Transmission Performance. The parameters associated with these performances are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Type C Transmission performance is provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGB to the first point of switching.

(D) Testing Capabilities

FGB is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing will be provided as set forth in 13 following.

(C) Indicates change.

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By Daniel J. Whelan, Vice-President, 315 N. 2nd Street, Harrisburg, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.3 Feature Group D (FGD)

(A) Description

- (1) Trunkside BSA-101XXXX Option or FGD is provided at Telephone Company-designated electronic end office switches whether routed directly or via Telephone Company-designated electronic access tandem switches. (C)

Trunkside BSA-101XXXX Option or FGD with out of band signaling is provided where conditions permit through Telephone Company-designated switches. (C)
- (2) Trunkside BSA-101XXXX Option or FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling, or without signaling when Out of Band Signaling is specified. (C)
- (3) Trunkside BSA-101XXXX Option or FGD switching is provided with multifrequency address or out of band signaling. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Access Connections and Local Transport provided. (C)
- (4) Trunkside BSA-101XXXX Option or FGD switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)6.2.3 Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

(4) (Cont'd)

an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. For calls to services of other customers, additional charges may apply. The customer will also be billed additional charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service Tariffs, e.g., 976 Audiotex Service. Calls to community information services are permitted only where billing capability exists, i.e., sufficient billing and call detail is available to permit the billing of applicable non-access charges. Calls in the terminating direction will not be completed to 950-10XX access codes, local operator assistance (0- and 0+), local Directory Assistance, service code (911 where available) and 101XXXX codes. Calls will be completed to local or non-local Directory Assistance when FGD switching is combined with Directory Assistance switching. The combination of FGD switched access with DA service is provided as set forth in 9. following. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B or D.

- (5) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGD switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangements may be combined in a single trunk group subject to availability of Telephone Company equipment. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.3 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

- (6) The access code for FGD switching is a uniform access code of the form 101XXXX. A single access code will be the assigned number of all FGD access provided to the customer by the Telephone Company. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer, as set forth in 13. following. (C)

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end users is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC + NN.

When the 101XXXX access code is used, FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or the end-of-dialing digit (#) for cut-through access to the customer's premises. (C)

- (7) FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing 101XXXX uniform access code. Each telephone exchange service line may be marked with a presubscription code to identify which 101XXXX code its calls will be directed to for interLATA service. Presubscription codes are applied as set forth in 13. following. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd) (C)

6.2.3 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

- (8) A WATS Access Connection may, at the option of the customer, be provided for use with FGD Switched Access Service. A WATS Access Connection provides a connection between a customer's end user's premises and a Telephone Company end office switch.

WATS Access Connections are arranged for either originating calling only or terminating calling only. They are provided with rotary dial or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling. The choice of the type of signaling is at the option of the customer.

WATS Access Connections are provided as an effective two-wire transmission path. Each transmission path is provided with Standard Transmission Specifications as set forth in Bell Atlantic Telephone Companies' Tariff F.C.C.-No. 1. A WATS Access Connection may, at the option of the customer, be provided as an effective four-wire transmission path on an Individual Case Basis.

Originating only WATS 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.

(C) Indicates change.

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By Daniel J. Whelan, Vice-President, 315 N. 2nd St., Harrisburg, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.3 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

- (9) At the option of the customer, Switched 56 Kilobit Service as specified following is available for use with Trunkside BSA-101XXXX Option and Feature Group D Switched Access Service. Switched 56 Kilobit Service traffic is ordered as set forth in 5.2 preceding and is delivered to the customer via separate Trunkside BSA-101XXXX Option and FGD trunks capable of supporting 56 Kbps digital transmission. Switched 56 Kilobit Service is an arrangement whereby customers may receive, or send, data at a speed of 56 Kbps from designated switches over trunks which carry only Switched 56 Kilobit Service. The number dialed by the customer's end user shall be in the form of 1+ NXX-XXXX, 1 + NPA + NXX-XXXX, 101XXXX + 1 + NXX-XXXX or 101XXXX + 1 + NPA + NXX-XXXX. (C)

All rates and charges normally applicable to Trunkside BSA-101XXXX Option and Feature Group D Switched Access Service, i.e., nonrecurring and usage sensitive, apply to Switched 56 Kilobit Service. Additionally, the per Switched 56 Kilobit Service access minutes of use charge, as specified in 6.1.3(C) (3) preceding and 6.9.3(D) following, applies to Switched 56 Kilobit Service. (C)

This option is not available in combination with Out-of-Band Signaling.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.3 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(10) Reserved for Future Use

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.3 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(10) Reserved for Future Use

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.3 Feature Group D (FGD) (Cont'd)

(B) Optional Features (Cont'd)

(1) Common Switching Optional Features (Cont'd)

- (a.1) Automatic Number Identification (ANI) -
Inband signaling
- (a.2) Charge Number - Out of
Band signaling
- (a.3) Calling Party Number (CPN)* +
- (b) Service Class Routing
- (c) Alternate Traffic Routing
- (d) Call Gapping Arrangement
- (e) Trunk Access Limitation
- (f) International Carrier Option
- (g) Code Screening for Use with WATS Service
- (h) Hunt Group Arrangement for Use with WATS Service
- (i) Uniform Call Distribution jArrangement for Use with
WATS Service
- (j) Nonhunting Number for Use with Hunt Group Arrangement
or Uniform Call Distribution Arrangement for Use with
WATS Service
- (k) Carrier Selection Parameter (CSP) - Out-of-Band
Signaling.
- (l) Access Transport Parameter* ++

(2) Transport Termination Optional Features

- (a) Operator Trunk, Full Feature Arrangement

(3) Switched Transport Optional Features

(C)

- (a) Customer Specification of Feature Group
Directionality
- (b) Provision of Other Than Telephone Company-Selected
Traffic Routing

(4) WATS Access Connections

- (a) Two-wire WATS Access Connection
- (b) Four-wire WATS Access Connection

* Available only on originating FGD.

+ CPN is offered where it is technically feasible.

++ Available only at selected Telephone Company switches.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.3 Feature Group D (FGD) (Cont'd)

(B) Optional Features (Cont'd)

(1) Common Switching Optional Features (Cont'd)

(5) Switched Transport Facilities

Customers requesting Lineside or Trunkside Switched Access Service must specify the type of Collocated Interconnection Cross-connects, pursuant to Section 16 following, and the type of Entrance Facility, such as DS3, DS1, or Voice Grade. The customer must also specify if Direct-Trunked Transport or Tandem-Switched Transport is desired. Tandem-Switched Transport is not available for Lineside Switched Access Service. If Direct-Trunked Transport is requested, the customer must specify the type of Direct-Trunked Transport facility, e.g., DS3, DS1, or Voice Grade, to be used. If Tandem-Switched Transport is requested, the Telephone Company shall determine the type of facilities to be used from the SWC of the customer's premises to the end office, via the access tandem, unless the customer has ordered Direct-Trunked Transport to the tandem. The Telephone Company will base its determination on a busy-hour-minutes-of-capacity or on a per-trunk basis provided by the customer when ordering service.

The types of facilities available to the customer for Entrance Facilities and Direct-Trunked Transport facilities for Lineside or Trunkside Switched Access Service are Voice Grade, DS1 or DS3. Following is a brief description of each type of facility. Each type has its own characteristics and is available with multiplexing options as set forth in 6.1.3 preceding. (C)

(a) Voice Grade Facility

A Voice Grade facility is an electrical communications path which provides voice-frequency transmission in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Compatible Interface Groups are described in 6.1.3 preceding. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.3 Feature Group D (FGD) (Cont'd)

(B) Optional Features (Cont'd)

(1) Common Switching Optional Features (Cont'd)

(5) Switched Transport Facilities (Cont'd)

(b) DS1 Facility

DS1 facilities are available for Entrance Facilities and for Direct-Trunked Transport facilities. A DS1 facility is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice-frequency transmission paths. Compatible Interface Groups are described in 6.1.3 preceding.

(C)

(c) DS3 Facility

DS3 facilities are available for Entrance Facilities and Direct-Trunked Transport facilities. A DS3 facility is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice-frequency transmission paths. Compatible Interface Groups are described in 6.1.3 preceding.

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)6.2.3 Feature Group D (FGD) (Cont'd)(C) Transmission Performance

FGD is provided with either Type A, Type B or Type C Transmission Performance as follows:

- When routed directly to the end office either Type B or C is provided.
- When routed to an access tandem only Type A is provided.
- Type A is provided on the transmission path from the access tandem to the end office.

Type C Transmission Performance is provided with Interface Group 1. Type A and Type B Transmission Performances are provided with Interface Groups 2 through 10.

For Toll Free Data Base Access Service traffic originating from equal access end offices with Data Base Query functionality, all normal Feature Group D parameters apply.

For Toll Free Data Base Access Service traffic originating from all other end offices, Type A transmission specifications are provided for the facility between the access tandem and the customer's premises.

Feature Group D trunks equipped for Switched 56 Kilobit Service traffic are subject to the following transmission specification:

- Transmission rate is 56 Kbps full duplex

(C)
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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.3 Feature Group D (FGD) (Cont'd)

(C) Transmission Performance (Cont'd)

Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office. Type DB Data Transmission Parameters are provided with Trunkside BSA-101XXXX Option or FGD for the transmission path between the customer's premises and the end office when directly routed to the end office. (C)

(D) Testing Capabilities

FGD is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Automatic Scheduled Testing will be provided from the customer's premises to the first point of switching and from the first point of switching to the end office(s) for FGD as set forth in 13. following. Additional Cooperative Acceptance Testing, Cooperative Scheduled Testing, or Manual Scheduled Testing, and Non-Scheduled Testing, will be provided to the first point of switching for Trunkside BSA-101XXXX Option or FGD as set forth in 13. following. (C)

(E) Common Channel Signaling Access Service

Common Channel Signaling Access Service (CCSAS) enables a customer that is connected to the Bell Atlantic SS7 network to exchange SS7 messages among and between interconnected switching elements and signaling transfer points (STPs). CCSAS connectivity will support the functions of all other network elements connected to the Bell Atlantic SS7 network. This includes the use of the Bell Atlantic SS7 network to convey messages which neither originate nor terminate at a Bell Atlantic signaling point (SP) or service switching point (SSP) (i.e., transient messages). When the Bell Atlantic SS7 network is used to convey these transient messages, there shall be no alteration of the Integrated Services Digital Network User Part (ISDNUP) or the Transaction Capabilities Application Part (TCAP) user data that constitutes the content of the message. CCSAS connectivity also includes use of the Bell Atlantic SS7 network to convey messages initiated from a customer's SSP to the Bell Atlantic AIN Signaling Control Point (SCP), LIDB, Toll Free and BVS databases.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.3 Feature Group D (FGD) (Cont'd)

(E) Common Channel Signaling Access Service (Cont'd)

CCSAS is provisioned for two-way transmission of out-of-band SS7 signaling information.

Each CCSAS Signaling Connection provides two-way digital transmission at a speed of 56kbps. The connection to the Bell Atlantic STP pair can be made from either the customer's SP, which requires a minimum of two 56kbps circuits, or from the customer's STP pair, which requires a minimum of four 56 kbps circuits. The STP locations are set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. (NECA) TARIFF F.C.C. NO. 4. Where multiple STP pairs are deployed in a Bell Atlantic LATA, Telephone Company end offices or tandems are interconnected to only one STP pair. The customer must route terminating traffic to the STP pair serving the end office or tandem switch where the call is to be terminated.

Customers ordering CCSAS in connection with BSA-101XXXX Option and FGD are subject to the requirements specified in 2.3.13, and 2.3.14 preceeding. (C)

When CCSAS is ordered, network compatibility and other operational tests will be performed jointly between Bell Atlantic and the customer at locations, dates, and times as specified by Bell Atlantic in consultation with the customer. These tests are as specified in Generic Requirements GR-905-CORE, Issue 1, March 1995. When a 64 kbps clear channel circuit (CCC) is ordered, the SS7 interfaces as specified in Technical Reference TR-TSV-00962, Issue 1, September, 1990, will also be tested. Successful completion of the appropriate tests is necessary to receive CCSAS. To protect the security of the network, certain information (i.e., point codes) provided by Bell Atlantic to the customer will be subject to a non-disclosure agreement.

At the customer's request, CCSAS will be modified to accept SS7 signaling messages and protocol specified in TR-TSV-00962, Issue 1, September, 1990, when Trunkside BSA-101XXXX Option and FGD with out-of-band signaling is provided in accordance with 6.1.3(B) (5) (2) (1). Successful completion of testing in accordance with TR-TSV-00962 is also required in this scenario. (C)

CCSAS is subject to the rates and charges as specified in 6.8.1(C) (4) and 6.9.2(I) following. A monthly recurring distance sensitive STP Mileage charge will be assessed on a per dedicated 56 kbps out-of-band signaling connection basis for transport of signaling information between the customer's SPOI and Bell Atlantic's STP. A monthly recurring STP Port charge will be assessed on a per port basis for the customer's dedicated port at the Bell Atlantic STP. A non-recurring Switched Access Connection charge will be assessed per 56kbps dedicated out-of-band signaling connection.

ISSUED OCTOBER 22, 1997

EFFECTIVE JANUARY 1, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd) (C)

6.2.4 Reserved For Future Use

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.4 Toll Free Access Service (Cont'd)

(A) Description (Cont'd)

Charges and rates for Toll Free Access Service are the same as those that apply to Trunkside BSA-101XXXX Option and Feature Group D. Additionally, nonrecurring charges as specified in 6.1.3(C) (3) preceding and 6.9.3(D) following also apply. (C)

(B) Technical Specifications

Toll Free Access Service is provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or Type C is provided.
- When routed to an access tandem only Type B is provided.
- Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 10, whether routed directly to an end office or to an access tandem.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs

Switched Access Service is also provided in the form of three unbundled Basic Serving Arrangements (BSAs) - Lineside, Trunkside and Dedicated Network Access Link connections. The provision of Lineside and Trunkside BSAs requires an Access Connection, Local Transport facilities and the appropriate Local Switching functions. In addition, WATS Access Connections are provided with originating and terminating Lineside BSA and Trunkside BSAs. The provision of DNAL BSAs require Channel Mileage facilities and the appropriate Channel Transmission functions.

There are also various Local Transport and Local Switching optional features and Basic Service Elements (BSEs) available with a BSA. Unless specifically stated otherwise, these BSEs and features are available at most Telephone Company end office switches. WATS Access Connection termination optional features and BSEs are available only in the end office designated as WATS serving offices.

There are three specific transmission performances, i.e., Types A, B, and C, that have been identified for the provision of BSAs. The specifications provided are dependent on the interface group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission performances are set forth in section 6.5.1 following.

BSAs are arranged for either originating, terminating or two-way calling, based on the customer end office switching capability ordered, while originating Toll Free Access Service is arranged for originating only. (C) Additional charges will apply for customer specification of directionality. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

Following are detailed descriptions of each of the available BSAs. Each BSA is described in terms of its specific physical characteristics, the transmission performances with which it is provided, the optional features and BSEs available for use with it and the Standard testing capabilities.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)

The name of the BSA offered and the name of the service as provided are Lineside BSA (identified in Bell Operating Companies ONA Services User Guide, Service Description section, dated July 31, 1991 as Circuit Switched Lineside BSA) and Trunkside BSA (identified in Bell Operating Companies ONA Services User Guide, Service Description section, dated July 31, 1991 as Circuit Switched Trunkside BSA).

6.3.1 Lineside BSA*

(C)

(A) General Description

- (1) Lineside BSA is provided in connection with the Telephone Company end offices. At the option of the customer, Lineside BSA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling. Lineside BSA, provides line side access to Telephone Company end office switches with an associated seven digit local telephone number for the customer's use in originating from and terminating to communications to an Interexchange Carrier's intrastate interLATA access service.

Entrance facilities are required between the serving wire center and an interexchange carrier's point of presence, and the customer shall provide the connecting facility assignment (CFA) information, as defined in Section 2.6 preceding, using the industry standard Common Language Facility Identification. The CFA must include channel assignment information necessary to connect the Lineside BSA to the intrastate access network.

Existing Lineside BSA or Feature Group A Service Customers are customers who installed service prior to October 15, 1997 and who may not have been required to provide Connecting Facility Assignment (CFA) information. These Existing Service Customers are grandfathered and will be allowed to make physical changes, such as moves, changes, or rearrangements, for a period of three (3) months or no later than January 14, 1998. However, the total number of lines purchased can not increase. Beginning January 15, 1998, CFA information must be provided if any moves, changes, or rearrangements are requested. Administrative changes will be allowed to all Existing Service Customers without having to provide a CFA.

Some material previously located on this sheet is now
located on Original Sheet 193C.1

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)

The name of the BSA offered and the name of the service as provided are Lineside BSA (identified in Bell Operating Companies ONA Services User Guide, Service Description section, dated July 31, 1991 as Circuit Switched Lineside BSA) and Trunkside BSA (identified in Bell Operating Companies ONA Services User Guide, Service Description section, dated July 31, 1991 as Circuit Switched Trunkside BSA).

6.3.1 Lineside BSA* (Cont'd.)(A) General Description (Cont'd.)

- (2) Lineside BSA provides for a lineside termination at the first point of switching, which shall be selected by the Telephone Company within the requested LATA, unless the customer requests a different location at which Telephone Company facilities and measurement capabilities are available to accommodate such a request.
- (3) The Telephone Company assigns a seven digit telephone number associated with the selected end office to provide access to Lineside BSA in the originating direction. The assigned number will be in the form NXX-XXXX. If the customer requests a specific number that is currently unassigned, the requested number will be assigned to the customer if the Telephone Company can comply with that request with reasonable effort.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

Material now located on this sheet was previously located
on Fourth Revised Sheet 193C

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.1 Lineside BSA* (Cont'd)

(C)

(A) General Description (Cont'd)

- (4) Calls from end users to the seven digit telephone numbers associated with Lineside BSA may be subject to Telephone Company exchange service tariffs (including message unit and toll charges, as applicable.)

The monthly bills rendered to customers for their Lineside BSA service will include a credit to reflect message unit charges collected from their end users under the Telephone Company's Exchange Service tariffs. The credit will apply for recorded or assumed originating usage, as appropriate, for the Lineside BSA service provided. When the credit is applied on assumed usage, such credit will not exceed the assumed levels of usage set forth in section 6.8.7. No credit will apply for any terminating Lineside BSA access minutes. The message unit credit for originating Lineside BSA access minutes is set forth in section 6.8.10.

- (5) At the option of the customer, Lineside BSA will be provided:

(a) with either ground start or loop start supervisory signaling and

(b) on a single or multiple line group basis.

- (6) When Lineside BSA is used in the originating direction, no address signaling is provided by the Telephone Company. If such signaling is required, it must be provided by the customer's end user using inband tone signaling techniques. Inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.

- (7) When used in the terminating direction, Lineside BSA is arranged with dial tone start-dial signaling. At the option of the customer, terminating Lineside BSA may be arranged for dial pulse or dual tone multifrequency address signaling, subject to the availability of equipment at the first point of switching.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

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(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.1 Lineside BSA* (Cont'd)

(C)

(A) General Description (Cont'd)

(7) (Cont'd)

When Lineside BSA Switched Access Service is provided with a hunt group or uniform call distribution arrangement BSE, all Lineside BSAs will be arranged for the same type of address signaling.

Lineside BSA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator service (0- and 0+), local Directory Assistance, emergency reporting service (911 where available), local exchange telephone repair, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate digits). Charges for Lineside BSA terminating calls requiring operator assistance on calls to local exchange repair or 911 will only apply where sufficient call details are available. For calls to services of other customers, additional charges may apply.

- (8) Additional non-access charges will also be billed on a separate account for: 1) an operator surcharge, as set forth in the local exchange tariffs, for Local operator assistance (0- and 0+) calls; 2) calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 Audiotex Services; and, 3) customer call charges in accordance with the Tariffs in force when the Telephone Company performs the billing for such customer calls. Calls to community information services are permitted only where billing capability exists, i.e., sufficient billing call detail is available to permit the billing of applicable non-access charges. For calls to local Directory Assistance, Switched Transport rates for Lineside BSA Switched Access Service will not apply. Instead, calls to Directory Assistance are subject to the Directory Assistance Service Call rate set forth in 9.6(A) following.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

(C)
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(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.1 Lineside BSA* (Cont'd)

(C)

(A) General Description (Cont'd)

(9) When Lineside BSA for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected, and at the option of the customer, a referral to another number.

(10) A WATS Access Connection may, at the option of the customer, be provided for use with Lineside BSA Switched Access Service. A WATS Access Connection provides a connection between a customer's end user's premises and a Telephone Company end office switch capable of performing the necessary screening functions for Toll Free Service and WATS and is provided only for use at the closed end of such services.

WATS Access Connections are arranged for either originating calling only or terminating calling only. They are provided with rotary dial or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling. The choice of the type of signaling is at the option of the customer.

WATS Access Connections are provided as an effective two-wire transmission path. Each transmission path is provided with Standard Transmission Specifications as set forth in Bell Atlantic Telephone Companies' Tariff F.C.C.-No. 1. A WATS Access Connection may, at the option of the customer, be provided as an effective four-wire transmission path on an Individual Case Basis.

Originating only WATS 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 end offices in which WATS Access Connections are provided.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

(C)
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(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.1 Lineside BSA* (Cont'd) (C)(B) Lineside BSA Optional Features and BSEs(1) Common Switching

- (a) Uniform Call Distribution Arrangement (BSE)
- (b) Call Denial (Optional Feature)
- (c) Service Code Denial (Optional Feature)
- (d) Toll Billing Exception (Optional Feature)
- (e) Hunt Group Arrangment (Optional Feature)
- (f) Uniform Call Distribution Arrangement (Optional Feature)
- (g) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement (Optional Feature)
- (h) Code Screening (Optional Feature)
- (i) Answer Supervision with a Lineside Interface (BSE)
- (j) Three-Way Call Transfer (BSE)
- (k) Uniform Call Distribution Arrangement for Use with WATS Service (Optional Feature)
- (l) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Service (Optional Feature)
- (m) Hunting Service Arrangements (BSE)
- (n) Hunting Service Arrangements: Circular (BSE)
- (o) Hunting Service Arrangements: Preferred (BSE)
- (p) Make Busy Arrangements (BSE)
- (q) Nonhunt Directory (BSE)

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.1 Lineside BSA* (Cont'd)

(C)

(B) Lineside BSA Optional Features and BSEs (Cont'd)(2) Transport Termination

- (a) Two-way operation with dial pulse address signaling and loop start supervisory signaling.
- (b) Two-way operation with dial pulse address signaling and ground start supervisory signaling.
- (c) Two-way operation with dual tone multifrequency address signaling and loop start supervisory signaling.
- (d) Two-way operation with dual tone multifrequency address signaling and ground start supervisory signaling.
- (e) Terminating operation with dial pulse address signaling and loop start supervisory signaling.
- (f) Terminating operation with dial pulse address signaling and ground start supervisory signaling.
- (g) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling.
- (h) Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling.
- (i) Originating operation with loop start supervisory signaling.
- (j) Originating operation with ground start supervisory signaling.

(3) Certain other features which may be available in connection with Lineside BSA are provided under the Telephone Company's Local Exchange Tariffs. These are:

- (a) Custom Calling Features
- (b) Remote Call Forwarding
- (c) IntraLATA extensions
- (d) Directory Listings

(4) WATS Access Connections

- (a) Two-Wire WATS Access Connection
- (b) Four-Wire WATS Access Connection

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

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(C)

(C) Indicates change.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.1 Lineside BSA* (Cont'd)

(C)

(C) Transmission Performance

Lineside BSA is provided with either Type B or Type C Transmission Performance. The parameters associated with these performances are guaranteed to the first point of switching. Type C Transmission Performance is provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with Lineside BSA to the first point of switching.

(D) Testing Capabilities

Lineside BSA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) text and milliwatt (102 type) test line. In addition to the tests described in 6.1.6 preceeding which are included with the installation of service, additional Cooperative Acceptance Testing and Nonscheduled Testing will be provided as set forth in section 13 following.

6.3.2 Trunkside BSA

Trunkside BSA is provided in switched access packages. These are differentiated by their technical characteristics, e.g., the manner in which an end user accesses them in originating calls. Two options are offered as Trunkside BSA-950 Option and Trunkside BSA-101XXXX Option. The Trunkside-950 Option is provided as set forth in 6.3.2.1 following. The Trunkside BSA-101XXXX Option is set forth in 6.3.2.2 following.

Trunkside BSAs provide trunk side access to Telephone Company end office switches, either directly or through a Telephone Company designated Switched Access Service tandem switch. The Telephone Company will establish a trunk group (or groups) between the customer's premises and end office or access tandem switches, based on the technical limitations imposed by the type, directionality and quantity of traffic specified by the customer. Different Switched Access Service arrangements may be combined in a single group at the option of the Telephone Company.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes, or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

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(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.1 Trunkside BSA (Cont'd)

6.3.2.1 Trunkside BSA-950 Option

(A) General Description

Trunkside BSA-950 Option Switched Access Service, which is available to all customers, provides trunkside access to Telephone Company end office switches with an associated uniform 950-0XXX or 950-1XXX access code for non-Toll Free switched Access Service for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's interstate service or a customer-provided interstate communications capability. The customer must specify the Interexchange Carrier to which the Trunkside BSA-950 Option is connected or, in the alternative, specify the means by which the access communication is transported to another state. (C)

Trunkside BSA-950 Option Switched Access Service may be directly routed only to appropriately equipped electronic end office switches. Trunkside BSA-950 Option Switched Access Service may be provided via Telephone Company-designated electronic access tandem switches to other Telephone Company electronic end office switches.

Trunkside BSA-950 Option switch trunk equipment is provided with (a) wink start start-pulsing signaling and (b) answer and disconnect supervisory signaling.

Trunkside BSA-950 Option Switched Access Service is provided with multifrequency address signaling. With the exception of Trunkside BSA-950 Option Switched Access Service provided with the automatic number identification (ANI) or rotary dial station signaling Local Switching optional features, any other address signaling required by the customer in the originating direction must be provided by the customer's end user using in-band tone signaling techniques.

In-band tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Access Connections and the Switched Transport provided.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.1 Trunkside BSA-950 Option (Cont'd)

(A) General Description

When all Trunkside BSA-950 Option service is discontinued at an end office and/or in a LATA, an intercept announcement indicating that the service associated with the number dialed has been discontinued will be provided for a limited period of time.

Trunkside BSA-90 Option switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 Audiotex Service. Additionally, non-access charges will also be billed for calls from a Trunkside BSA-950 Option trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Trunkside BSA-950 Option calls in the terminating direction will not be provided to 950-101XXXX access codes, local operator assistance (0- and 0+), local Directory Assistance, service code (911) or 101XXXX access codes. Calls will be completed to local or non-local Directory Assistance when Trunkside BSA-950 Option switching is combined with Directory Assistance Switching. The combination of Trunkside BSA-950 Option switched access with DA service is provided as set forth in section 9 following.

(C)

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.1 Trunkside BSA-950 Option (Cont'd)

(A) General Description

Trunkside BSA-950 Option may not be switched, in the terminating direction, to Switched Access Service Lineside BSA, Trunkside BSAs, or Feature Groups.

A WATS Access Connection may, at the option of the customer, be provided for use with Trunkside BSA-950 Option Switched Access Service. A WATS Access Connection provides a connection between a customer's end user's premises and a Telephone Company end office switch capable of performing the necessary screening functions for Toll Free Service and WATS and is provided only for use at the closed end of such services. (C)

WATS Access Connections are arranged for either originating calling only or terminating calling only. They are provided with rotary dial or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling. The choice of the type of signaling is at the option of the customer.

WATS Access Connections are provided as an effective two-wire transmission path. Each transmission path is provided with Standard Transmission Specifications as set forth in Bell Atlantic Telephone Companies' Tariff F.C.C. No. 1. A WATS Access Connection may, at the option of the customer, be provided as an effective four-wire transmission path on an Individual Case Basis.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.1 Trunkside BSA-950 Option (Cont'd)

(A) General Description (Cont'd)

Originating only WATS 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 end offices in which WATS which WATS Access Connections are provided.

(C)

(B) Trunkside BSA-950 Option Optional Features and BSEs

(1) Common Switching

- (a) Automatic Number Identification (ANI)
(Optional Feature and BSE)
- (b) Up to 7 Digit Outpulsing of Access
Digits to customer (Optional Feature)
- (c) Alternate Traffic Routing (Optional
Feature)
- (d) Code Screening for use with WATS
Service (Optional Feature)
- (e) Hunt Group Arrangement for Use with
WATS Service (Optional Feature)
- (f) Uniform Call Distribution Arrangement
for Use with WATS Service (Optional
Feature)
- (g) Nonhunting Number for Use with Hunt
Group Arrangement or Uniform Call
Distribution Arrangement for Use with
WATS Service (Optional Feature)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.1 Trunkside BSA-950 Option (Cont'd)

(B) Trunkside BSA-950 Option Optional Features and BSEs
(Cont'd)

(2) Transport Termination

(a) Rotary Dial Station Signaling

(3) Switched Transport

(C)

(a) Customer Specification of Feature Group
Directionality

(b) Provision of Other Than Telephone Company-
Selected Traffic Routing

(c) Customer Specification of Local Transport
Termination

(4) WATS Access Connections

(a) Two-Wire WATS Access Connection

(b) Four-Wire WATS Access Connection

(C) Transmission Performance

Trunkside BSA-950 Option Switched Access Service is
provided with either Type B or Type C Transmission
Performance. The parameters associated with these
performances are guaranteed to the end office when
routed directly or to the first point of switching
when routed via an access tandem. Type C

(C)

Transmission

(C)

Performance is provided with Interface Group 1, and
Type B is provided with Interface Groups 2 through
10. Type DB Data Transmission Parameters are provided
with Trunkside BSA-950 Option Switched Access Service
to

|

(C)

the first point of switching.

In compliance with the Opinion and Order of the Pennsylvania Public
Utility Commission in Docket No. R-00963550.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.1 Trunkside BSA-950 Option (Cont'd)

(D) Testing Capabilities

Trunkside BSA-950 Option is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing will be provided as set forth in 13 following.

6.3.2.2 Trunkside BSA-101XXXX Option (C)

(A) General Description

Trunkside BSA-101XXXX Option is available to all customers at Telephone Company designated electronic end office switches, whether routed directly or via Telephone Company designated electronic access tandem switches. Trunkside BSA-101XXXX Option provides trunk side access to end office switches with an associated uniform 101XXXX access code for use in originating and determinating communications. All Trunkside BSA-101XXXX Options provided to the customer by the Telephone Company will use these uniform access codes. (C)

No access code is required for calls to a customer over a Trunkside BSA-101XXXX Option if the Switched Access Service customer's end user has presubscribed its Telephone Exchange Service to that customer, as set forth in section 13 following. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.2 Trunkside BSA-101XXXX Option (Cont'd) (C)

(A) General Description (Cont'd)

When no access code is required, the telephone number dialed by the customer's end user shall be a seven- or ten-digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven- to twelve-digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1+NXX-XXXX, NPA+NXX-XXXX, 0 or 1+NPA+NXXX-XXXX. When the end office is equipped for International Direct Distance Dialing (IDDD), the form is 01+CC+NN or 011+CC+NN.

Trunkside BSA-101XXXX Option switch trunk equipment is provided with (C)

- (a) wink start start-pulse signaling and
- (b) answer and disconnect supervisory signaling

Trunkside BSA-101XXXX Option Switched Access Service is provided with multifrequency address signaling. Up to twelve digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signaling will be provided by the Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Called party number signals will be subject to the ordinary transmission capabilities of the Access Connections and Switched Transport provided. (C)

Trunkside BSA-101XXXX Option switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customer Trunkside BSA-101XXXX Option services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.2 Trunkside BSA-101XXXX Option (Cont'd)

(C)

(A) General Description (Cont'd)

When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. For calls to services of other customers, additional charges may apply. The customer will also be billed additional charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 Audiotex Service.

Additionally, non-access charges will also be billed for calls from a Trunkside BSA-101XXXX Option trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-1XXX or 950-0XXX access codes, local operator assistance (0- and 0+), local Directory Assistance, service code (911 where available), or 101XXXX access codes. Calls will be completed to local or non-local Directory Assistance when Trunkside 101XXXX Option switching is combined with Directory Assistance Switching. The combination of Trunkside BSA-101XXXX Option Switched Access Service with Directory Assistance Service is provided as set forth in section 9. following. Trunkside BSA-101XXXX Option may not be switched, in the terminating direction, to Switched Access Service Trunkside BSAs.

(C)

(C)

(C)

(C)

(C)

The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where Trunkside BSA-101XXXX Option Switching is provided. When required by technical limitations, a separate trunk group will be established for each type of Trunkside BSA-101XXXX Option switching arrangement provided. Different types of Trunkside BSA-101XXXX Option or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

(C)

(C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.2 Trunkside BSA-101XXXX Option (Cont'd) (C)

(A) General Description (Cont'd)

The access code for Trunkside BSA-101XXXX Option switching is a uniform access code of the form 101XXXX. These uniform access codes will be the assigned access numbers of all Trunkside BSA-101XXXX Option access provided to the customer by the Telephone Company. No access code is required for calls to a customer over Trunkside BSA-101XXXX Option Switched Access Service if the end user's telephone exchange service or the customer's Lineside BSA Switched Access Service is arranged for presubscription to that customer, as set forth in 13 following. Where Minimum Divergence Access Service is provided, the 101XXXX access code is not available. (C)

When the 101XXXX access code is used, Trunkside BSA-101XXXX Option switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or the end-of-dialing digit (#) for cut through access to the customer's premises. (C)

Trunkside BSA-101XXXX Option switching will be arranged to accept calls from telephone exchange service, or Lineside BSA locations without the need for dialing 101XXXX uniform access code. Each telephone exchange service line, or Lineside BSA may be marked with a presubscription code to identify which 101XXXX code its calls will be directed to for interLATA service. Presubscription codes are applied as set forth in section 13 following. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.2 Trunkside BSA-101XXXX Option (Cont'd) (C)

(A) General Description (Cont'd)

When a customer has had Trunkside BSA-950 Option access in an end office and subsequently replaces the Trunkside BSA-950 Option access with Trunkside BSA-101XXXX Option access, at the customer's request and where facilities permit, the Telephone Company, will, for a period of 90 days, direct calls dialed by the customer's end users using the customer's previous Trunkside BSA-950 Option access code to the customer's Trunkside BSA-101XXXX Option access service. The customer must be prepared to handle normally dialed Trunkside BSA-101XXXX Option calls dialed with the Trunkside BSA-950 Option access code which require the customer to receive additional address signaling from the end user. Such calls will be rated as Trunkside BSA-101XXXX option. (C)

A WATS Access Connection may, at the option of the customer, be provided for use with Trunkside BSA-101XXXX Option Switched Access Service. (C)

A WATS Access Connection provides a connection between a customer's end user's premises and a Telephone Company end office switch.

WATS Access Connections are arranged for either originating calling only or terminating calling only. They are provided with rotary dial or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling. The choice of the type of signaling is at the option of the customer.

ISSUED OCTOBER 22, 1997

EFFECTIVE JANUARY 1, 1998

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.2 Trunkside BSA-101XXXX Option (Cont'd) (C)

(A) General Description (Cont'd)

WATS Access Connections are provided as an effective two-wire transmission path. Each transmission path is provided with Standard Transmission Specifications as set forth in Bell Atlantic Telephone Companies' Tariff F.C.C. No. 1. A WATS Access Connection may, at the option of the customer, be provided as an effective four-wire transmission path on an Individual Case Basis.

Originating only WATS 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 end offices in which WATS Access Connections are provided. (C)

At the option of the customer, Switched 56 Kilobit Service as specified following is available for use with Trunkside BSA-101XXXX Option. (C)
Switched 56 Kilobit Service traffic is ordered as set forth in 5.2 preceding and is delivered to the customer via separate Trunkside BSA-101XXXX Option (C)
trunks capable of supporting 56 Kbps digital transmission.

Switched 56 Kilobit service is an arrangement whereby customers may receive, or send, data at a speed of 56 Kbps from designated switches over dedicated trunks. The number dialed by the customer's end user shall be in the form of 1+NXX-XXXX, 1+NPA+NXX-XXXX, 101XXXX+1+NXX-XXXX, or 101XXXX+1+NPA+NXX-XXXX, and when the end office is equipped for International Direct Distance Dialing (IDDD), 011+CC+NN. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.2 Trunkside BSA-101XXXX Option (Cont'd)

(A) General Description (Cont'd)

All rates and charges normally applicable to Trunkside BSA-101XXXX Option, i.e., nonrecurring and usage sensitive, apply to Switched 56 Kilobit Service.

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.2 Trunkside BSA-101XXXX Option (Cont'd)

(A) General Description (Cont'd)

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.2 Trunkside BSA-101XXXX Option (Cont'd) (C)

(B) Trunkside BSA-101XXXX Option Optional
Features and BSEs (C)

(1) Common Switching

- (a) Automatic Number Identification (BSE)
- (b) Service Class Routing (Optional Feature)
- (c) Alternate Traffic Routing (Optional Feature)
- (d) Call Gapping Arrangement (Optional Feature)
- (e) Trunk Access Limitation (Optional Feature)
- (f) International Carrier Option (Optional Feature)
- (g) Code Screening for use with WATS Service (Optional Feature)
- (h) Hunt Group Arrangement for Use with WATS Service (Optional Feature)
- (i) Uniform Call Distribution Arrangement for Use with WATS Service (Optional Feature)
- (j) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Service (Optional Feature)
- (k) Carrier Selection Parameter (CSP)
- (l) Access Transport Parameter (ATP)*††

(2) Transport Termination

- (a) Operator Trunk, Full Feature Arrangement

(3) Switched Transport

- (a) Customer Specifications of BSA Directionality
- (b) Provision of Other Than Telephone Company-Selected Traffic Routing

* Available only on originating Trunkside BSA-101XXXX Option. (C)
†† Available only at selected Telephone Company switches.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.2 Trunkside BSA-101XXXX Option (Cont'd) (C)

(B) Trunkside BSA-101XXXX Option Optional
Features and BSEs (Cont'd) (C)

(4) Line Termination

(a) Answer Supervision

(5) WATS Access Connections

(a) Two-Wire WATS Access Connection

(b) Four-Wire WATS Access Connection

(C) Transmission Performance

Trunkside BSA is provided with either Type A, Type B or Type C Transmission Performance as follows:

- (1) When routed directly to the end office either Type B or C is provided.
- (2) When routed to an access tandem or TOPS tandem only Type A is provided
- (3) Type A is provided on the transmission path from the access of TOPS tandem to the end office.

Type C Transmission Performance is provided with Interface Group 1. Type A and Type B Transmission Performances are provided with Interface Groups 2 through 10.

For Toll Free Data Base Access Service traffic originating from equal access end offices with the customer identification function, all normal Trunkside BSA-101XXXX Option parameters apply. (C)

For Toll Free Data Base Access Service traffic originating from all other end offices, Type A transmission specifications are provided for the facility between the access tandem and the customer's premises. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access BSAs (Cont'd)6.3.2 Trunkside BSA (Cont'd)6.3.2.2 Trunkside BSA-101XXXX Option (Cont'd)(C) Transmission Performance (Cont'd)

Trunkside BSA-101XXXX Option trunks equipped for Switched 56 Kilobit Service traffic are subject to the following transmission specification:

- Transmission rate is 56 Kbps full duplex

(C)

Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access of TOPS tandem and between the access or TOPS tandem and the end office. Type DB Data Transmission Parameters are provided with Trunkside BSA-101XXXX Option for the transmission path between the customer's premises and the end office when directly routed to the end office.

(D) Testing Capabilities

Trunkside BSA-101XXXX Option is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line.

Automatic Scheduled Testing will be provided from the customer's premises to the first point of switching and from the first point of switching to the end offices(s) for Trunkside BSA-101XXXX Option as set forth in 13 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.2 Trunkside BSA-101XXXX Option (Cont'd)

(C)

(D) Testing Capabilities (Cont'd)

Additional Cooperative Acceptance Testing, Cooperative Scheduled Testing, or Manual Scheduled Testing, and Non-Scheduled Testing, will be provided to the first point of switching for Trunkside BSA-101XXXX Option as set forth in 13. following.

(C)

(E) Common Channel Signaling Access Service

When CCSAS is ordered, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer at locations, dates, and times as specified by the Telephone Company in consultation with the customer. These tests are as specified in Bell Atlantic Supplement Common Channel Signaling (CCS) Network Interface Specification Issue #1, December 1990, and Technical Publication TR-TSV-000905, Supplement No. 1, issued July 1991, and successful completion is necessary to receive CCSAS. When 64CCC and/or ATP is ordered, the SS7 interfaces as specified in Technical Reference TR-TSV-000962, issued September 1990, will also be tested. Successful completion of the appropriate tests is necessary to receive CCSAS. To protect the security of the network, certain of the information provided, i.e., point codes, by the Telephone Company to the customer will be subject to a nondisclosure agreement.

At the customer's request, CCSAS will be modified to accept SS7 signaling messages and protocol specified in TR-TSV-000962, issued September 1990, when FGD or Trunkside BSA-101XXXX Option with out of band signaling is provided in accordance with 6.1.3 (B) (2) and 6.1.3(B) (5) (2) (1) and successful completion of testing in accordance with TR-TSV-000962 is required.

(C)

CCSAS is subject to the rates and charges as specified in 6.9.2(I) (1) and 6.9.2(I) (2) following. A monthly recurring distance-sensitive STP Mileage Charge will be assessed on a per dedicated 56 Kbps out of band signaling connection basis to transport signaling information between the customer's SPOI and the Telephone Company's STP. A monthly recurring STP Port Charge will be assessed on a per port basis for the dedicated port at the Telephone Company's STP. Nonrecurring charges apply as specified in 6.8.1(C) (4) or 6.9.2(I).

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

(C)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Reserved for Future Use

(C) Indicates change.

ISSUED MAY 3, 1993.

EFFECTIVE MAY 4, 1993.

By Daniel J. Whelan, Vice-President, 315 N. 2nd St., Harrisburg, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

(C)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Reserved for Future Use

(C) Indicates change.

ISSUED MAY 3, 1993.

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By Daniel J. Whelan, Vice-President, 315 N. 2nd St., Harrisburg, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

(C)

6.3.2.4 Dedicated Network Access Link (DNAL) BSA

(A) General Description

- (1) The Dedicated Network Access Link (DNAL) BSA provides a connection between the customer designated premises and a Telephone Company switch or central office for the transfer of data from the switch or central office to the customer premises.
- (2) The DNAL is primarily used in conjunction with switched access or central office based services requiring a separate link for transmitting signaling or control information. The switched access service determines the requirement for speed, type and number of DNALs.
- (3) The DNAL can be used in association with the Common Switching BSEs as set forth following.

(a) Make Busy Arrangements (BSE)

This option is provided as set forth in 6.4.1 following.

(C) Indicates change.

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By Daniel J. Whelan, Vice-President, 315 N. 2nd St., Harrisburg, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

(C)

6.3.2.4 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(B) Metallic DNAL

(1) Basic Description

A Metallic DNAL is an unconditioned two-wire channel capable of transmitting low speed varying signals at rates up to 30 band. This channel is provided by metallic or equivalent facilities. Metallic DNALs are provided between a customer designated premises and a Telephone Company switch or central office. Interoffice metallic DNALs will be limited in length to a total of five route miles per channel.

It is expressly declared that metallic facilities for these services are in decreasing supply and the Telephone Company is not obligated to continue to make available or construct such metallic facilities.

In addition, if modernization programs, growth or maintenance dictate the replacement of existing metallic facilities with non-metallic facilities such as fiber optics, the Telephone Company will not be required to continue the service over metallic facilities.

Further, the Telephone Company will not be responsible to the customer or otherwise if changes in any of the facilities of the Telephone Company render any equipment or system of the customer obsolete, affect its use or performance or require the customer to incur any expenses such as but not limited to alterations of such equipment or system or charges associated with changes required in services provided by the Telephone Company.

(C) Indicates change.

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By Daniel J. Whelan, Vice-President, 315 N. 2nd St., Harrisburg, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

(C)

6.3.2.4 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(B) Metallic DNAL (Cont'd)

(2) Technical Specifications Packages

<u>Parameter</u>	<u>Package MT-</u>			
	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>
DC Resistance				
Between Conductors		X	X	X
Loop Resistance		X	X	
Shunt Capacitance		X	X	

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

(3) Channel Interfaces

Compatible channel interfaces are set forth in Pa.
P.U.C.-No. 304 Section 4.5.

(C) Indicates change.

ISSUED MAY 3, 1993.

EFFECTIVE MAY 4, 1993.

By Daniel J. Whelan, Vice-President, 315 N. 2nd St., Harrisburg, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided with the BSAs and Feature Groups. They are provided as either Common Switching or Transport Termination options.

6.4.1 Common Switching Optional Features and BSEs Where Available

(A) Call Denial on Line or Hunt Group (Optional Feature)

This screening option limits terminating Lineside BSA and Feature Group A calls to completion within the LATA where the Lineside BSA and Feature Group A line resides. InterLATA and international calls are blocked as well as calls which may potentially terminate outside the LATA. Examples of such calls are:

- Operator-handled calls (0-, 00-);
- Calls to 950 NXX codes;
- Calls to the 900 NPA;
- Calls prefixed with 101XXXX

(C)

This list does not necessarily include all the types of calls which may be blocked in a given jurisdiction.

Terminating Lineside BSA and Feature Group A calls to the Toll Free NPA are not blocked under this option.

(C)

The Telephone Company completes all terminating intraLATA calls since the 101XXXX prefix is blocked.

(C)

Blocked calls are routed to a reorder tone or recorded announcement. This feature is provided in all Telephone Company end offices. This option is available with Lineside BSA and Feature Group A.

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs
(Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)

(B) Service Code Denial on Line or Hunt Group (Optional Feature)

This screening option disallows completion of terminating Lineside BSA and Feature Group A calls to local directory assistance, to service code 911, and to local operator assistance (0- and 00-). Blocked calls are routed to a reorder tone or recorded announcement. This feature is provided in all Telephone Company end offices. This option is (C) available with Lineside BSA and Feature Group A.

(C) Hunt Group Arrangement (Optional Feature)

This option provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. It is available with Lineside BSA and Feature Group A. Only services having the same features and operating characteristics may be included in the same hunt group arrangement. Thus, only services offered under Bell Atlantic - Pennsylvania, Inc.'s Access Tariff, Pa. P.U.C.-No. 302, and Bell Atlantic Telephone Companies' Access Tariff, F.C.C. No. 1, may be included in the same hunt group arrangement. Moreover, MTS/WATS-Type Lineside BSA and FGA and FX/ONAL Lineside BSA and FGA services cannot be mixed in the same hunt group arrangement. Additionally, multiple customers providing service to the same end user may not be combined in a single hunt group unless the local transport mileage band for each customer, i.e., the distance between the customer's serving wire center and the dial tone office to which service is ordered, is the same.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs
(Cont'd)

(C)

6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)

(D) Uniform Call Distribution (Optional Feature and BSE)

When an incoming call to the Directory Number (DN) of the multiline hunt group (MLHG) is received, hunting should begin at the start-hunt terminal and proceed as a circular hunt.

When an idle terminal is found, the call should be completed, and immediately (even before another call attempts to terminate) a new circular hunt should begin for an idle terminal. This hunt should begin at the terminal number after the one that the call was just completed. When an idle terminal is found, the hunt should stop and the idle terminal number should be stored as the start-hunt terminal for the next incoming call to the DN of the MLHG. If no idle terminal is found after a complete circular hunt is made, the stored-hunt DN should be the DN of the last completed call.

If an incoming call is not to the DN of the MLHG but to a DN associated with one of the terminals of the MLHG instead, the start-hung terminal as defined above for Uniform Call Distribution (UCD) should not be used. Instead, the incoming call should be directed to the terminal associated with the called DN directly. If the called DN terminal is busy, a circular hunt should begin at the called DN terminal and continue until an idle terminal is found. If none is found, the incoming call should be given busy treatment. In either case, the next incoming call to the MLHG DN uses a start-hunt number as determined above, which is unaffected by the call to a terminal's direct DN.

Calls made to a UCD MLHG equipped with the queuing feature will complete immediately if there is an idle terminal in the UCD hunt group. However, if all terminals in the UCD hunt group are busy, the call is placed on queue and waits its turn to be served.

(C) Indicates change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs
(Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)

(D) Uniform Call Distribution (Optional Feature and BSE)
(Cont'd)

The call that has been on queue the longest will be the first call served when a line becomes available. The customer determines the maximum number of calls that can be placed on queue. If the incoming call cannot be placed on queue, the calling party receives busy tone. It is available with Lineside BSA and Feature Group A.

(E) Nonhunting Number for Use with Hunt Group or Uniform Call Distribution Arrangement (Optional Feature)

This option provides an arrangement for an individual line within a multiline hunt or uniform call distribution group that provides access to that line within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is provided in Telephone Company end offices. It is available with Lineside BSA and Feature Group A.

(C)

(F) Automatic Number Identification (ANI) (Optional Feature and BSE)

This option provides the automatic transmission of a seven or ten digit number and information digits to the customer's premises for calls originating in the LATA, to identify the calling station. The ANI feature is an end office software function which is associated on a call-by-call basis with (1) all individual transmission paths in a trunk group routed directly between an end office and a customer's premises or, where technically feasible, with (2) all individual transmission paths in a trunk group between an end office and an access tandem, and a trunk group between an access tandem and a customer's premises.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs
(Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)(F) Automatic Number Identification (ANI) (Optional Feature and BSE) (Cont'd)

The seven-digit ANI telephone number is available with Trunkside BSA-950 Option and Feature Group B. With this Feature Group, technical limitations may exist in Telephone Company switching facilities which require ANI to be provided only on a directly trunked basis. Where direct trunking would not have been provided except as required by the provision of ANI, additional charges will apply for Provision of Other Than Telephone Company-Selected Traffic Routing on an individual case basis with both nonrecurring charges and monthly recurring rates applying. ANI will be transmitted on all calls except those originating from Network Controlled Coin and Non-Coin Lines using Trunkside BSA-950 Option and Feature Group B, or when an ANI failure has occurred. (C)

The ten-digit ANI telephone number is only available with Trunkside BSA-101XXXX Option and Feature Group D*. The ten-digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven-digit ANI telephone number. The ten-digit ANI telephone number will be transmitted on all calls except those identified as multiparty line or ANI failure, in which case only the NPA will be transmitted.

ANI service under this tariff may only be provided to those parties and for those purposes which are expressly permitted under sections 5704, 5771 (b) and other provisions of the Pennsylvania Wiretapping and Electronic Surveillance Control Act, 18 Pa. CSA 5701 et seq., as amended from time to time.

- * When out of band signaling is specified, the customer may obtain an ANI equivalent by ordering the Charge Number optional feature, as specified in 6.4.1(Y) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs
(Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)(F) Automatic Number Identification (ANI) (Optional Feature and BSE) (Cont'd)

Where ANI cannot be provided, e.g., on calls from information digits will be provided to the customer. (C)

The information digits identify: (1) telephone number is the station billing number - no special treatment required, (2) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - must be obtained by operator or in some other manner, (3) hotel/motel originated call which requires room number identification, (4) Network Controlled Non-Coin Lines hospital, Network Controlled Inmate Lines, etc., call which requires special screening or handling by the customer, and (5) call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment. The ANI telephone number is the listed telephone number of the customer and is not the telephone number of the calling party. These ANI information digits are available with Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option and Feature Groups B and D. (C)

Additional ANI information digits are available with Trunkside BSA-101XXXX Option and Feature Group D only. They include:

- 1) InterLATA restricted - telephone number is identified line
- 2) InterLATA restricted - hotel/motel line
- 3) InterLATA restricted - coinless, hospital, inmate, etc., line

These information digits will be transmitted as agreed to by the customer and the Telephone Company.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs
(Cont'd)

(C)

6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)

(G) Up to 7 Digit Outpulsing of Access Digits to Customer
(Optional Feature)

This option provides for the end office capability of providing up to 7 digits of the uniform access code (950-10XX) to the customer's premises. The customer can request that only some of the digits in the access code be forwarded. The access code digits would be provided to the customer's premises using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that feature were provided. It is available with Trunkside BSA-950 Option and Feature Group B.

(C)

(C) Indicates change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.4 Common Switching and Transport Termination Optional Features and BSEs
(Cont'd)6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)(H) Service Class Routing (Optional Feature)

This option provides the capability of directing originating traffic from an end office to a trunk group to a customer-designated premises, based on the line class of service, e.g., Network Controlled Coin Line or hotel/motel, service prefix indicator, e.g., 0-, 00-, 0+, 01+ or 011+, or service access code, e.g., 600, 700 or 900. It is provided in suitably equipped end office or access tandem switches and is available with Trunkside BSA-101XXXX Option and Feature Group D. (C)

(I) Alternate Traffic Routing (Optional Feature and BSE)

This option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a customer-designated premises until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to the same or a second customer designated premises. The customer shall specify the last trunk CCS desired for the high usage group. It is provided in suitably equipped end office or access tandem switches and is available with Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option and Feature Groups B and D. This option may not be used in conjunction with the Tandem Access Sectorization (TAS) Feature specified in Section 6.8.17.

(J) Trunk Access Limitation (Optional Feature)

This option provides for the routing of originating 600, 700 or 900 service calls to a specified number of transmission paths in a trunk group, in order to limit (choke) the completion of such traffic to the customer. Calls to the designated service which could not be completed over the subset of transmission paths in the trunk group, i.e., the choked calls, would be routed to reorder tone.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs
(Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)

(J) Trunk Access Limitation (Optional Feature) (Cont'd)

It is provided in all Telephone Company end offices.
It is available with Trunkside BSA-101XXXX Option and Feature
Group D.

(C)
|

(K) Call Gapping Arrangement (Optional Feature)

This option, provided in suitably equipped end office
switches, provides for the routing of originating calls
to 101XXXX or service code 600, 700 or 900
service to be switched in the end office to all
transmission paths in a trunk group at a prescribed rate
of flow, e.g., one call every five seconds, in order to
limit (choke) the completion of such traffic to the
customer. Calls to the designated service which are
denied access by this feature, i.e., the choked calls,
would be routed to a no-circuit announcement. It is
provided in selected Feature Group D-equipped end offices
and is available only with Trunkside BSA-101XXXX
Option and Feature Group D.

(C)

(C)

(L) International Carrier Option (Optional Feature)

This option allows for Trunkside BSA-101XXXX Feature Group D
end offices or access tandem switches equipped for
International Direct Distance Dialing to be arranged to
forward the international calls of one or more international
carriers to the customer. This arrangement requires provision
of written verification to the Telephone Company that the
customer is authorized to forward such calls. It is available
with Trunkside BSA-101XXXX Option and Feature Group D.

(C)

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs
(Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)

(M) Code Screening for Use with WATS Service (Optional Feature)

This option provides the ability to verify that the originating party is dialing a geographically predesignated (bound) area, or an unbound area, called party address. This option is provided in all Telephone Company end offices. It is available with Lineside BSA, Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option and Feature Groups A, B and D.

(C)
|

(N) Hunt Group Arrangement for Use with WATS Service (Optional Feature)

This option provides the ability to sequentially access one or two or more WATS Service lines in the terminating direction, when the hunting number of the WATS Service group is forwarded from the customer to the Telephone Company. This feature is provided in all Telephone Company end offices in which WATS Service is provided. It is available with Lineside BSA, Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option and Feature Groups A, B and D.

(C)

(O) Toll Billing Exception (Optional Feature)

This option provides an arrangement for the screening and blocking of calls where technically feasible, placed through Operator Services system equipment, which terminate on Lineside BSA or Feature Group A on a collect basis, and prevents calls from being billed to a Lineside BSA or Feature Group A number on a third party basis. It will not block calls made from non-operator services handled, Independent Telephone Company calls that are not operator services handled, or cord board assisted calls. This option is available on Lineside BSA or Feature Group A only.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs
(Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available(Cont'd)

(P) Uniform Call Distribution Arrangement for Use with WATS Service (Optional Feature)

This option provides a type of multiline hunting arrangement which provides for an even distribution of terminating calls among the available WATS Service in the hunt group. Where available, this feature is only provided in Telephone Company end offices in which WATS Service is provided. It is available with Lineside BSA, Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option and Feature Groups A, B and D. (C)

(Q) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Service (Optional Feature)

This option provides an arrangement for an individual WATS Service within a multiline hunt or uniform call distribution group that provides access to that WATS Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is only provided in Telephone Company end offices in which WATS Service is provided provided. It is available with Lineside BSA, Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option and Feature Groups A, B and D. (C)

(R) Answer Supervision With a Line Side Interface BSE

This option provides an answer supervisory signal to the customer premises for terminating calls to indicate the called location has returned an answer supervisory signal to the Telephone Company end office where the customer's Lineside BSA open end (dial tone end office) is located. This option is only available from appropriately equipped Telephone Company end office switches. It is available with Lineside BSA only. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs
(Cont'd)

(C)

6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)

(S) Three-Way Call Transfer (BSE)

This option gives the customer the capability of including another end user on an already established call. After establishing the call, the customer may drop his connection without disconnecting the two end users. While the two end users are connected, usage continues to be recorded and will be charged to the customer. This option is available from appropriately equipped electronic offices. In some switches the customer and originating end user must be served out of the same central office in order for the customer to drop off of the line and keep the two end users connected. This feature is available with Lineside BSA.

(T) Hunting Service Arrangements (BSE)

This feature offers the ability to sequentially access terminals in a hunt group, beginning with the start-hunt terminal until an idle terminal is found or the last terminal number is reached, when the access number of the line group is dialed. If all terminals are busy, a busy tone will be returned to the calling party. It is available with Lineside BSA.

(U) Hunting Service Arrangements: Preferred (BSE)

This option allows a separate hunting list to be associated with each terminal in a hunt group. When a call is made directly to a busy terminal with a MLHG equipped with preferential hunting, a linear hunt is performed over the special ordered list of preferential hunt terminals. The call will terminate at the first idle terminal in the preferential hunt list. If all of the terminals in the preferential hunt are busy, then a secondary hunt should be conducted over all of the terminals. The secondary hunt will be in the regular hunt sequence, not the preferential list. This feature is not available with the Uniform Call Distribution and Non-Hunt Numbers features. This feature is available with Lineside BSA.

(C) Indicates change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs
(Cont'd)

(C)

6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)

(V) Hunting Service Arrangements: Circular (BSE)

This feature offers the ability to sequentially access terminals in a hunt group, with the hunt sequence starting over again at the start-hunt terminal if all terminals are busy. If all terminals are busy in the second pass, a busy tone will be returned to the calling party. This feature is available with Lineside BSA.

(W) Make Busy Arrangements (BSE)

This option allows a customer to busy out a group of lines and to reroute incoming traffic from one group of lines to another group of associated lines, if the customer has more than one group of lines.

This option provides the capability to place one or more lines of a Lineside BSA with multiline hunt group arrangement in a busy or overflow condition. Once the capability is activated, subsequent calls to the lines placed in the busy or overflow condition may be directed to a central office tone, central office announcement or when a remote call forwarding feature is ordered, to an alternate service. The capability is activated by a customer provided key at the customer's premises. The activation signal is transmitted to the Telephone Company central office with the use of a Metallic DNAL as specified in Pa. P.U.C.-No. 304, Section 6.1. The option is available with Lineside BSA.

(C) Indicates change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs
(Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)

(X) Non-Hunt Directory Number (Optional Feature and BSE)

This option provides an arrangement for an individual line within a multiline hunt or uniform call distribution group that provides access to that line within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is provided in Telephone Company end offices. It is available with Lineside BSA and Feature Group A.

(C)

(Y) Charge Number (CN)

This option provides for the automatic transmission of the ten-digit billing number of the calling station number and originating line information. The specific protocol for CN is contained in Bell Atlantic Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue #1, December 1990, and Technical Reference TR-TSV-000905. This feature is available only with originating Trunkside BSA-101XXXX Option or Feature Group D when out of band signaling is specified.

(C)

(Z) Carrier Selection Parameter (CSP)*

This option provides for the automatic transmission of a signaling indicator which signifies to the customer whether the call being processed originated from a presubscribed end user of that customer. The specific protocol for CSP is contained in Bell Atlantic Supplement Common Channel Signaling (CCS) Network Interface Specification Issue #1, July, 1990 and Technical Reference TR-TSV-000905. This feature is available only with originating Trunkside BSA-101XXXX Option or Feature Group D when out of band signaling is specified.

(C)

(AA) Access Transport Parameter (ATP) (Optional Feature)

This option provides for the transmission of CPE compatibility information from the originating switch to the customer's premises and, on terminating access, from the customer's premises to the terminating switch. All of the information is supplied by the calling party. This feature is available only with originating Feature Group D when out of band signaling is specified. The specific protocol for ATP is contained in Bell Atlantic Supplement Common Channel Signaling (CCS) Network Interface Specification, Supplement, August 1992, and Technical Reference TR-TSV-000962, issued September 1990.

*Available only at designated Telephone Company switches.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

(C)

6.4 Common Switching and Transport Termination Optional Features and BSEs
(Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available
(Cont'd)

(BB) Calling Party Number (CPN)

This option provides for the automatic transmission of the calling party's ten-digit telephone number to the customer's premises for calls originating in the LATA. The ten-digit telephone number consists of the NPA plus the seven-digit telephone number, which may or may not be the same as the calling station's charge number. The specific protocol for CPN is contained in Bell Atlantic Supplement Common Channel Signaling (CCS) Network Interface Specification, Supplement, August 1992, and in Bellcore's Technical Reference TR-TSV-000905, Supplement, July 1991. This feature is available only with originating Feature Group D when out of band signaling is specified.

The Telephone Company will transmit a "privacy indicator" as part of the CPN information when the calling party: 1) elects that his/her CPN information not be passed to the called party, and 2) has taken the actions necessary to ensure that his/her CPN is so blocked.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (C)
(Cont'd)

6.4.2 Transport Termination Optional Features

(A) Rotary Dial Station Signaling (Optional Feature) (C)

This option provides for the transmission of called-party address signaling from rotary dial stations to the customer's premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with Trunkside BSA-950 Option and Feature Group B, only on a directly trunked basis. When direct trunking would not have been provided except as required by the provision of rotary dial station signaling, additional charges will apply for the Provision of Other Than Telephone Company-Selected Traffic Routing on an Individual Case Basis with both nonrecurring charges and monthly recurring rates applying. (C)

(C) Indicates change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Common Switching and Transport Termination Optional Features and BSEs
(Cont'd)

6.4.2 Transport Termination Optional Features (Cont'd)

(B) Operator Trunk - Full Feature (Optional Feature)

This option provides the initial coin return control function to the customer's operator. It is available with Trunkside BSA-101XXXX Option and Feature Group D and is provided as a trunk type for Transport Termination. (C)

This option is not available in combination with out of band signaling.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Performance Capabilities

(C)

Each Switched Access Service transmission path is provided with a standard transmission performance. There are three different standard performances (Types A, B and C). The standard for a particular transmission path is dependent on the Switched Access Service, the Interface Group and whether the service is directly routed or via an access tandem. The available transmission performances are set forth in 6.5.1 following. Data Transmission Parameters are also provided with each Switched Access Service transmission path. The Telephone Company will, upon receipt of a trouble report from the customer, conduct tests, either independently or cooperatively with the customer as appropriate, and take any necessary action to insure that the parameters set forth in 6.5.2(A) or 6.5.2(B) following are met. The testing will be charged for at the rates set forth in 13.3.5(C)(1)(e) following for Nonscheduled Testing. When the data transmission parameters are not being met and the trouble is found in Telephone Company facilities, the charges as set forth in 13. Following shall not apply.

The Telephone Company will maintain existing transmission performance on service configurations installed prior to January 1, 1984. All service configurations installed after January 1, 1984 will conform to the transmission performance standards contained in this Tariff except as follows. Where local facility conditions cannot support the transmission performance standards contained in this Tariff, transmission standards that can be supported will be uniformly applied to all customers.

Transmission specifications for out of band signaling connections are set forth in the Bell Atlantic Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue #1, December 1990, and in Technical Reference TR-TSV-000905.

Transmission specifications for 64 Clear Channel Capability, when provisioned with FGD with out of band signaling, are set forth in Technical Reference TR-NWT-000938, issued August, 1990.

6.5.1 Standard Transmission Performance

(C)

Following are descriptions of the three Standard Transmission Performances available with Switched Access Service. Their specific applications in terms of the Switched Access Services and Interface Groups with which they are provided are set forth in 6.2.1(C), 6.2.2(C), 6.2.3(C) and 6.2.4(C) preceding.

(A) Transmission Performance Type A

Transmission Performance Type A is provided with the following parameters:

(1) Loss Deviation

The maximum deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is ± 2.0 dB.

(C) Indicates change.

By Daniel J. Whelan, Vice-President, 315 N. 2nd St.. Harrisburg, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Performance Capabilities (Cont'd) (C)

6.5.1 Standard Transmission Performance (Cont'd) (C)

(A) Transmission Performance Type A (Cont'd)

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to the loss at 1004 Hz is - 1.0 dB to + 3.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise</u>
less than 50	32 dBrnCO
51 to 100	34 dBrnCO
101 to 200	37 dBrnCO
201 to 400	40 dBrnCO
401 to 1000	42 dBrnCO

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBmO holding tone, is less than or equal to 45 dBrnCO.

(5) Echo Control

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

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem	21 dB	14 dB
POT to End Office		
- Direct	N/A	N/A
- Via Access Tandem	16 dB	11 dB

(C) Indicates change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Performance Capabilities (Cont'd)

6.5.1 Standard Transmission Performance (Cont'd)

(A) Transmission Performance Type A (Cont'd)

(6) Standard Return Loss

Standard Return Loss expressed as Echo Return Loss and Singing Return Loss on two-wire ports of a four-wire point of termination shall be equal to or greater than:

<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
5 dB	2.5 dB

(B) Transmission Performance Type B

Transmission Performance Type B is provided with the following parameters:

(1) Loss Deviation

The maximum deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is ± 2.5 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +4.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise*</u>	
	<u>Type B1</u>	<u>Type B2</u>
less than 50	32 dBrnCO	35 dBrnCO
51 to 100	33 dBrnCO	37 dBrnCO
101 to 200	35 dBrnCO	40 dBrnCO
201 to 400	37 dBrnCO	43 dBrnCO
401 to 1000	39 dBrnCO	45 dBrnCO

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBrnCO.

* For Trunkside BSA-101XXXX Option and Feature Group D, only Type B2 will be provided. For Lineside BSA, Trunkside BSA-950 Option and Feature Groups A and B, Type B1 will be provided where facility network conditions will support the parameters. Where the Type B1 parameters cannot be supported, Type B2 will be provided. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Performance Capabilities (Cont'd)

6.5.1 Standard Transmission Performance (Cont'd)

(B) Transmission Performance Type B (Cont'd)

(5) Echo Control

Echo Control, identified as Impedence Balance for Lineside BSA, Trunkside BSA-950 Option and FGA and FGB and Equal Level Echo Path Loss for Trunkside BSA-101XXXX Option and FGD, and expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is dependent on the routing, i.e., whether the service is routed directly from the customer Point of Termination (POT) to the end office or via an access tandem. The ERL and SRL also differ by feature group, type of termination, and type of transmission path. They are greater than or equal to the following:

(C)

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem		
- Terminated in		
4-Wire trunk	21 dB	14 dB
- Terminated in		
2-Wire trunk	16 dB	11 dB
POT to End Office		
- Direct	16 dB	11 dB
- Via Access Tandem		
(For Trunkside	8 dB	4 dB
BSA-950 Option		
and FGB access)		

ACCESS SERVICE

6. Switched Access Service (Cont'd)

Reserved for Future Use.

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(C)

(C) Indicates change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

Reserved for Future Use

☐

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(C)

(C) Indicates change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Performance Capabilities (Cont'd)

6.5.2 Data Transmission Parameters

Two types of Data Transmission Parameters, i.e., Type DA and Type DB, are provided for the Switched Access Services. The specific applications in terms of the BSAs and Feature Groups with which they are provided are set forth in 6.2.1.(C), 6.2.2(C) and 6.2.3(C) preceding. Following are description of each. (C)

(A) Data Transmission Parameters Type DA

(1) Signal to C-Notched Noise Ratio

The Signal to C-Notched Noise Ratio is equal to or greater than 33dB.

(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

604 to 2804 Hz

less than 50 route miles	500 microseconds
equal to or greater than 50 route miles	900 microseconds

1004 to 2404 Hz

less than 50 route miles	200 microseconds
equal to or greater than 50 route miles	400 microseconds

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Performance Capabilities (Cont'd)

(C)

6.5.2 Data Transmission Parameters (Cont'd)

(A) Data Transmission Parameters Type DA (Cont'd)

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 65 dBrnCO threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion is equal to or greater than:

Second Order (R2)	33 dB
Third Order (R3)	37 dB

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 5° peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

(B) Data Transmission Parameters Type DB

(1) Signal to C-Notched Noise Ratio

The signal to C-Notched Noise Ratio is equal to or greater than 30 dB.

(C) Indicates change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Performance Capabilities (Cont'd)

(C)
|

6.5.2 Data Transmission Parameters (Cont'd)

(B) Data Transmission Parameters Type DB (Cont'd)

(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the
frequency bands and route miles specified is:

604 to 2804 Hz

less than 50 route miles	800 microseconds
equal to or greater than 50 route miles	1000 microseconds

1004 to 2404 Hz

less than 50 route miles	320 microseconds
equal to or greater than 50 route miles	500 microseconds

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 67 dBrnC0 threshold
in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3)
Intermodulation Distortion is equal to or greater than:

Second Order (R2)	31 dB
Third Order (R3)	34 dB

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less
than or equal to 7° peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Telephone Company

(C)

In addition to the obligations of the Telephone Company set forth in 2. preceding, the Telephone Company has certain other obligations pertaining only to the provision of Switched Access Service. These obligations are as follows:

6.6.1 Network Management

(C)

The Telephone Company will administer its network to ensure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. The Telephone Company maintains the right to apply protective controls on any traffic that it carries over its network, including a customer's Switched Access Service, in order to prevent unsatisfactory performance to other users.

6.6.2 Design and Traffic Routing of Switched Access Service

(C)

The Telephone Company shall design and determine the routing of Switched Access Service, including the selection of the first point of switching and the selection of the facilities from the interface to any switching point and to the end offices where capacity is ordered unless the customer specifies and orders the optional feature provision of other than Telephone Company selected traffic routing. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or two-way trunk groups unless the customer orders the optional feature Customer Specification of Feature Group directionality. Finally, the Telephone Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment. However, for Feature Group B the customer may order the optional feature Customer Specification of Local Transport Termination. Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment and the Telephone Company traffic routing plans.

(C) Indicates change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.6 Obligations of the Telephone Company (Cont'd)6.6.3 Provision of Service Performance Data

With the agreement of the Telephone Company, service performance data for a customer's Switched Access Service may be made available to the customer, based on previously arranged intervals and format. These data may include, but are not limited to, customer equipment blockage, failure results and transmission performance. If the data are to be provided through a mechanized exchange of data, the cost of such exchange will be determined on an Individual Case Basis and must be borne by the customer. Provision of the data in paper format will be at no charge.

The Telephone Company will make every reasonable effort to avoid the loss or mutilation of traffic or service performance data. However, the Telephone Company does not warrant the completeness or accuracy of these data to be any better than the Telephone Company considers adequate for its own purposes.

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Telephone Company (Cont'd)

(C)

6.6.4 Trunk Group Measurements Reports

(C)

With the agreement of the Telephone Company, trunk group data in the form of usage in CCS, peg count and overflow, where technologically feasible, will be made available to the customer based on previously agreed to intervals.

The Telephone Company will make every reasonable effort to avoid the loss or mutilation of traffic or service performance data. However, the Telephone Company does not warrant the completeness or accuracy of these data to be any better than the Telephone Company considers adequate for its own purposes.

6.6.5 Determination of Number of Transmission Paths

(C)

The following applies to switched access voice transmission paths, and does not apply to signaling connections provided with Common Channel Signaling Access Service. The number of transmission paths for out of band signaling connections will be determined jointly by the Telephone Company and the customer.

For Switched Access Services ordered on a per line or per trunk basis, respectively, the customer specifies the number of transmission paths in the order for service. A transmission path is a communication path within the frequency bandwidth of approximately 300 to 3000 Hz or a derived communication path of a frequency bandwidth of approximately 300 Hz to 3000 Hz provided over a high frequency analog facility or a high speed digital facility between a customer, end user or Telephone Company location and another customer, end user or Telephone Company location.

6.6.6 Determination of Number of End Office Transport Terminations

(C)

For analog entry switches, a termination will be provided for each transmission path provided. For digital entry switches an equivalent termination will be provided for each transmission path provided.

6.6.7 Design Blocking Probability

(C)

The Telephone Company will design the facilities used in the provision of Switched Access Service to meet the blocking probability criteria as set forth in (A) through (D) following. The Telephone Company will maintain existing blocking performance on service configurations installed prior to January 1, 1984. All service configurations installed after January 1, 1984 will conform to the blocking objectives contained in this Tariff, except as follows. Where local facility conditions cannot support the blocking objectives contained in this Tariff, blocking objectives that can be supported will be uniformly applied to all customers.

(C) Indicates change.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Telephone Company (Cont'd)

6.6.7 Design Blocking Probability

- (A) For Lineside BSA, Trunkside BSA-950 Option and Feature Group A and B no design blocking criteria apply.
- (B) For Trunkside BSA-101XXXX Option and Feature Group D, (C)
the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.
- (C) The Telephone Company will perform routine measurement functions to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional trunks or lines be ordered by the customer when additional paths are required to reduce the measured blocking to the designed blocking level. For the transmission paths ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the threshold listed in the following tables.
 - (1) For transmission paths carrying only first routed traffic direct between an end office and a customer premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Telephone Company (Cont'd)

6.6.7 Design Blocking Probability (Cont'd)

(C) (Cont'd)

(1) (Cont'd)

(C)

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Average Business Day Measurements Per Trunk Group			
	15-20	11-14	7-10	3-6
	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5-6	.040	.050	.060	.070
7 or more	.030	.035	.040	.060

- (2) For transmission paths carrying first routed traffic between an end office and a customer premises via an access tandem, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Average Business Day Measurements Per Trunk Group			
	15-20	11-14	7-10	3-6
	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.040	.045	.055
5-6	.025	.035	.040	.045
7 or more	.020	.025	.030	.040

(C) Indicates change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Obligations of the Customer

(C)

In addition to the obligations of the customer set forth in 2. preceding the customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

6.7.1 Report Requirements

(C)

Customers are responsible for providing the following reports to the Telephone Company, when applicable.

(A) Jurisdictional Reports

When a customer orders Switched Access Service for both interstate and intrastate use, the customer is responsible for providing reports as set forth in 2.3.14 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the intrastate charges is set forth in 2.3.15 preceding.

(B) LATA Default Percent Interstate Use (PIU) Report

When a customer orders Switched Access to any end office in a LATA, it must provide a projected percentage of intrastate use that will serve as a default PIU for the entire LATA. This figure will be used to apportion charges for usage measured at end offices to which the customer has not ordered capacity.

(C) Code Screening Reports

When a customer orders service class routing, trunk access limitation or call gapping arrangements, it must report the number of trunks and/or the appropriate codes to be instituted in each end office or access tandem switch, for each of the arrangements ordered.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Obligations of the Customer (Cont'd)

(C)

6.7.2 On and Off-Hook Supervision

The customer's facilities shall provide the necessary on and off-hook supervision.

6.7.3 Trunk Group Measurements Reports

(C)

With the agreement of the customer, trunk group data in the form of usage in CCS, peg count and overflow for its end of all access trunk groups, where technologically feasible, will be made available to the Telephone Company. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Switched Access Service.

6.8.1 Types of Rates and Charges

There are three types of rates and charges that apply to Switched Access Service. These are monthly recurring rates, usage rates and nonrecurring charges. These rates and charges are applied differently to the various rate elements.

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have 30 days.

(B) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per-access minute basis. Access minute charges are accumulated over a monthly period.

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity, e.g., installation or change to an existing service.

Certain nonrecurring charges applicable to the installation of Switched Access Service consist of a "first" and "additional" charge. For each facility, line, or trunk ordered, the first charge applies to the first facility, line, or trunk specified on the order, with the additional charge applied to each additional facility, line, or trunk specified on the same order between same locations.

(1) Installation of Service

Nonrecurring charges apply to each Switched Access Service installed.

In addition, nonrecurring charges apply where a signaling connection is installed for use with Trunkside BSA-101XXXX (C)
Option or Feature Group D Switched Access Service as specified in 6.9.2 following. (C)

(2) Installation of Optional Features

Nonrecurring charges apply for the installation of the various optional features available with the Switched Access Service Local Transport rate element. The other optional features are installed.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd) (C)

6.8.1 Types of Rates and Charges (Cont'd) (C)

(C) Nonrecurring Charges (Cont'd)

(2) Installation of Optional Features (Cont'd)

at no additional cost to the customer other than the cost of the basic service (nonrecurring charge) with which the features are associated.

(3) Service Rearrangements

Service rearrangements are changes to existing services installed which do not result in either a change in the minimum period requirements as set forth in 5.2.4 preceding or change in physical location of the point of termination at a customer's premises or a customer's end user's premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of termination are treated as moves and described and charged for as set forth in 6.8.6 following. (C)

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves an actual physical change to the service.

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of Access Service to the same customer (i.e., same customer remains responsible for all outstanding indebtedness for the Access Service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name -- e.g., AT&T Long Lines to AT&T Communications),

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(C)

6.8.1 Types of Rates and Charges (Cont'd)

(C)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

Administrative Changes (Cont'd)

- Change of customer or customer's end user premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

All other service rearrangements will be charged for as follows:

- If the change involves the addition of an optional feature or BSE which has a separate nonrecurring charge, that nonrecurring charge will apply. (C)
- If the change involves a modification to a WATS Service, including the addition of, or modification to, optional features or BSEs without separate non-recurring charges or a retermination or rearrangement of an existing WATS Access Connection in the Central Office due to a customer initiated terminal equipment change, i.e., ground start to loop start, the Central Office Service Rearrangement charge as stated in 6.9.5 following will apply. When an optional feature or BSE is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply, i.e., it will not apply per WATS Access Connection. (C)

(C) Indicates change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(C)

6.8.1 Types of Rates and Charges (Cont'd)

(C)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

All other service rearrangements will be charged for as follows: (Cont'd)

- Conversion from MF to SS7 signaling is not subject to charges as specified in 6.9.1(A) and 6.9.5 following. (C)
These conversions will be performed at Telephone Company access tandems and end offices designated as having SS7 capabilities. The number of trunks converted to SS7 signaling cannot exceed the number of trunks with MF signaling that are converted. The customer must retain the same technical interface specifications unless otherwise mutually agreed upon by the Telephone Company and the customer, when appropriate Telephone Company central office switching equipment and other facilities exists. Conversion of tandem or end office trunks from MF signaling to SS7 signaling will be scheduled on a project basis by the Telephone Company, in cooperation with the customer.
- A charge as specified in 6.9.5 will apply on each transmission path reconfigured from: (C)
 - SS7 signaling to MF signaling
 - 64CCC to SS7 signaling
 - 64CCC to MF signaling
- When the out of band signaling or 64CCC is ordered, the customer may add Charge Number (CN), Carrier Selection Parameter (CSP), and Access Transport Parameter (ATP) at no additional charge if these features are specified at the time out of band signaling or 64CCC is ordered for existing switched access trunks.
- A charge as stated in 6.9.5 will apply on each transmission path reconfigured from SS7 to MF signaling. (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

All other service rearrangements will be charged for as follows: (Cont'd)

- When the Out-of-Band Signaling is ordered, the customer (C) may add Charge Number (CN), Carrier Selection Parameter (CSP), and Access Transport Parameter (ATP) at no additional charge if these features are specified at the time the Out-of-Band Signaling is ordered for existing (C) switched access trunks.
- For all other changes, including the addition of, or (C) modifications to, optional features without separate nonrecurring charges, the Central Office Service Rearrangement charges as stated in 6.9.5 following will apply.

When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office, or an access tandem switch, (C) only one such charge will apply, i.e., it will not apply per transmission path.

(4) Connection Charge

(C)

The Switched Access Connection Charge recovers the costs of connecting the trunks/line to the switch. These charges are in addition to any facility charges and are to be applied on a per line/per trunk basis.

(5) Service Order Charge

The Service Order Charge applies to every service order issued and is in addition to all other applicable nonrecurring charges.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Types of Rates and Charges (Cont'd)

(D) Application of Rates

Local Switching rates are specific by type of service ordered, e.g., MTS, WATS, Toll Free. The specific application of Local Switching MTS rates is dependent upon the originating minutes of use and terminating minutes of use by BSA, Feature Group, Toll Free Access Service. (C)

The Local Switching MTS rates for originating Trunkside BSA-101XXXX Option and FGD access minutes are applicable applicable to Toll Free Access Service originating access minutes as set forth in 6.9.3(A) following. (C)

The Local Switching WATS rates are applicable to only originating access minutes as set forth in 6.9.3(A) following. WATS terminating minutes of use are rated as MTS minutes of use as set forth in 6.9.3(B) following. The Local Switching Toll Free rates are applicable to only terminating access minutes as set forth in 6.9.3(C) following. Toll Free originating minutes of use are rated as MTS minutes of use as set forth in 6.9.3(C) following. (C)

(E) Cellular Exchange Carrier (CEC)/Radio Common Carrier (RCC)
Application of Rates

Where Switched Access Service is provided in conjunction with a CEC or RCC, and the regulations as set forth in 2.4.8, preceding apply, the Telephone Company will apply Switched Transport rates.

(F) Switched Transport Rate Elements

(1) Entrance Facility

The Entrance Facility monthly rate provides for the communication path between a customer's premises and the SWC of that premises and is assessed based on the capacity of the facilities provided, e.g., Voice Grade, DS1, or DS3. When Lineside Switched Access Service is ordered, the Voice Grade Entrance Facility rate is assessed for each Lineside service requested unless the customer requests an Entrance Facility of higher capacity. The Entrance Facility rate is assessed when the customer premises and the SWC are in the same building. The Entrance Facility rate is in addition to the rates assessed for Direct-Trunked Transport and Tandem-Switched Transport.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Types of Rates and Charges (Cont'd)(F) Switched Transport Rate Elements (Cont'd)(2) Direct Trunk Transport

The Direct-Trunked Transport monthly rate provides for the transmission facilities between the SWC of the customer's facilities to the end office/tandem based on the capacity of the facility requested, i.e., Voice Grade, DS1, or DS3. When Lineside Switched Access service is ordered, the Voice Grade Direct-Trunked Transport rate is assessed for each Lineside service requested unless the customer requests a Direct-Trunked Transport facility of higher capacity. There are two rates that apply, a fixed rate and a rate per mile. The Direct-Trunked Transport rate is in addition to the Entrance Facility rate. Mileage measurement is described in 6.8.12 following. (C)

(3) Tandem Transport Charge

The Tandem Transport Charge is assessed on a per minute of use basis. There are two rates that apply, a fixed rate and a rate per mile, per minute. The Tandem Transport rate is in addition to the Entrance Facility rate. Mileage measurement is described in 6.8.12 following.

(4) Tandem Switching

The Tandem Switching rate is assessed on a per-minute-of-use basis and is applicable to all Switched Access minutes of use utilizing an access tandem via a Tandem-Switched Trunk. The Tandem Switching rate is in addition to the Tandem Transmission rate and the rates associated with the Entrance Facility.

(5) Dedicated Tandem Trunk Port

The Dedicated Tandem Switching Trunk Port is a monthly rate assessed per activated trunk for every dedicated trunk terminating on the serving wire center side of the access tandem. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Types of Rates and Charges (Cont'd)(F) Switched Transport Rate Elements (Cont'd)

- (6) The following rate elements apply for FGA provided with a (C) voice grade interface

Recurring Rate Elements

- Entrance Facility - 2-wire or 4-wire
- Direct-Trunked Transport, fixed and per mile, measured from the SWC to the DTO

Terminating Usage Rate Elements

- Tandem-fixed MOU and per-mile MOU rates apply from the DTO to the End Office where the call terminates
- Local Switching MOU

Originating Usage Rate Elements

- Local Switching MOU

- (7) The following rate elements apply for FGA provided with a (C) digital interface

Recurring Rate Elements

- Entrance Facility - DS1
- Direct-Trunked Transport, fixed and per mile, measured from the SWC to the DTO.
- Multiplexer

Originating and Terminating Usage

- Local Switching MOU

If the facility terminates at a remote switch, tandem-fixed MOU and per-mile, per-MOU rates may also apply. See 6.8.12.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Types of Rates and Charges (Cont'd)

(C)

(F) Switched Transport Rate Elements (Cont'd)

(8) Operating Territory of the Verizon Telephone Companies

(a) Metropolitan Statistical Areas

(1) General

Wire centers within the Telephone Company's operating territories have been arranged in Metropolitan Statistical Areas (MSAs). MSAs may achieve various phases of pricing relief pursuant to Subpart H of the FCC Part 69 Rules. Telephone Company MSAs which qualify for Phase II pricing relief are shown in (3) following which identifies the MSA Name, MSA identification number, and the CLLI, State and price band for each wire center within the MSA. Wire centers within a non-qualifying Phase II MSA are not subject to price banding and are not included in (3) following. Service provided from a qualifying MSA is subject to price band. All rates and charges are provided within the same section of the tariff as the service descriptions.

(2) Services Subject to MSA Price Banding

The Switched Access services, which are subject to MSA price bands, and which are also subject to Contract Tariff Options in those MSAs which qualify for Phase I or Phase II pricing relief, are as follows:

- Local Transport, Voice Grade Entrance Facilities
- Local Transport, Voice Grade Direct Trunked Transport

Material formerly on this sheet now appears on sheet 223K.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Types of Rates and Charges (Cont'd)(F) Switched Transport Rate Elements (Cont'd)(8) Operating Territory of the Verizon Telephone Companies
(Cont'd)

(a) Metropolitan Statistical Areas (Cont'd)

(3) Rate Regulations

To determine the price band for the Voice Grade Direct Trunked Transport rate element when the wire centers involved are located within different price bands, apply the rates and charges for the higher price band number. When one of the wire centers involved is subject to price band rating and the other wire center involved is not subject to price band rating, the rates and charges applicable to the Voice Grade Direct Trunked Transport element will be the N-MSA (non-qualifying MSA) rates and charges.

The application of rates and charges for service subject to MSA pricing relief are described in Sections 6.8.1.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Types of Rates and Charges (Cont'd)(F) Switched Transport Rate Elements (Cont'd)(8) Operating Territory of the Verizon Telephone Companies
(Cont'd)

(a) Metropolitan Statistical Areas (Cont'd)

<u>MSA ID</u>	<u>MSA Name</u>	<u>State</u>	<u>SWC CLLI</u>	<u>Price Band</u>
4	PHILADELPHIA PA-NJ	PA	AMBLPAAM	5
4	PHILADELPHIA PA-NJ	PA	ARMRPAAR	6
4	PHILADELPHIA PA-NJ	PA	BCYNPABC	5
4	PHILADELPHIA PA-NJ	PA	BRSTPABR	5
4	PHILADELPHIA PA-NJ	PA	BRYMPABM	6
4	PHILADELPHIA PA-NJ	PA	BTHYPABH	6
4	PHILADELPHIA PA-NJ	PA	CGVLPACL	6
4	PHILADELPHIA PA-NJ	PA	CHESPACA	6
4	PHILADELPHIA PA-NJ	PA	CHESPACB	6
4	PHILADELPHIA PA-NJ	PA	CHTTPACT	6
4	PHILADELPHIA PA-NJ	PA	CHVLPACH	5
4	PHILADELPHIA PA-NJ	PA	CNSHPACN	5
4	PHILADELPHIA PA-NJ	PA	CTVLPACV	6
4	PHILADELPHIA PA-NJ	PA	DWTWPADT	6
4	PHILADELPHIA PA-NJ	PA	DYTWPADB	5
4	PHILADELPHIA PA-NJ	PA	EAGLPAEG	6
4	PHILADELPHIA PA-NJ	PA	EDTNPAED	5
4	PHILADELPHIA PA-NJ	PA	EXTNPAEX	5
4	PHILADELPHIA PA-NJ	PA	GLLDPAAGN	6
4	PHILADELPHIA PA-NJ	PA	HRLVPAHV	6
4	PHILADELPHIA PA-NJ	PA	HTBOPAHB	5
4	PHILADELPHIA PA-NJ	PA	JENKPAJK	5
4	PHILADELPHIA PA-NJ	PA	KGPRPAKP	4
4	PHILADELPHIA PA-NJ	PA	KNSQPAKS	6
4	PHILADELPHIA PA-NJ	PA	KRLNPAKL	6
4	PHILADELPHIA PA-NJ	PA	LANGPALA	5
4	PHILADELPHIA PA-NJ	PA	LARCPALM	6
4	PHILADELPHIA PA-NJ	PA	LNDLPALD	6
4	PHILADELPHIA PA-NJ	PA	LNLXPALN	6
4	PHILADELPHIA PA-NJ	PA	LNSDPALD	6
4	PHILADELPHIA PA-NJ	PA	MEDIPAME	6
4	PHILADELPHIA PA-NJ	PA	MRSLPAMV	6
4	PHILADELPHIA PA-NJ	PA	NRTWPANR	5
4	PHILADELPHIA PA-NJ	PA	NWLSPANW	6
4	PHILADELPHIA PA-NJ	PA	NWTWPANW	6
4	PHILADELPHIA PA-NJ	PA	PAOLPAPA	4
4	PHILADELPHIA PA-NJ	PA	PHLAPABA	5
4	PHILADELPHIA PA-NJ	PA	PHLAPACH	5
4	PHILADELPHIA PA-NJ	PA	PHLAPADB	5

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Types of Rates and Charges (Cont'd)(F) Switched Transport Rate Elements (Cont'd)(8) Operating Territory of the Verizon Telephone Companies
(Cont'd)

(a) Metropolitan Statistical Areas (Cont'd)

<u>MSA ID</u>	<u>MSA Name</u>	<u>State</u>	<u>SWC CLLI</u>	<u>Price Band</u>
4	PHILADELPHIA PA-NJ	PA	PHLAPADE	4
4	PHILADELPHIA PA-NJ	PA	PHLAPAEV	4
4	PHILADELPHIA PA-NJ	PA	PHLAPAEW	6
4	PHILADELPHIA PA-NJ	PA	PHLAPAGE	5
4	PHILADELPHIA PA-NJ	PA	PHLAPAIV	6
4	PHILADELPHIA PA-NJ	PA	PHLAPAJE	5
4	PHILADELPHIA PA-NJ	PA	PHLAPAKR	6
4	PHILADELPHIA PA-NJ	PA	PHLAPALO	4
4	PHILADELPHIA PA-NJ	PA	PHLAPAMK	4
4	PHILADELPHIA PA-NJ	PA	PHLAPAMY	5
4	PHILADELPHIA PA-NJ	PA	PHLAPAOR	5
4	PHILADELPHIA PA-NJ	PA	PHLAPAPE	4
4	PHILADELPHIA PA-NJ	PA	PHLAPAPI	5
4	PHILADELPHIA PA-NJ	PA	PHLAPAPO	5
4	PHILADELPHIA PA-NJ	PA	PHLAPARE	6
4	PHILADELPHIA PA-NJ	PA	PHLAPASA	6
4	PHILADELPHIA PA-NJ	PA	PHLAPASH	5
4	PHILADELPHIA PA-NJ	PA	PHLAPATR	5
4	PHILADELPHIA PA-NJ	PA	PHLAPAWV	5
4	PHILADELPHIA PA-NJ	PA	PNBGPAPB	6
4	PHILADELPHIA PA-NJ	PA	PRKSPAPE	6
4	PHILADELPHIA PA-NJ	PA	PTTWPAPT	5
4	PHILADELPHIA PA-NJ	PA	PXVLPAPV	6
4	PHILADELPHIA PA-NJ	PA	QKTWPAQT	6
4	PHILADELPHIA PA-NJ	PA	RDPKPAPR	6
4	PHILADELPHIA PA-NJ	PA	SDTNPASD	6
4	PHILADELPHIA PA-NJ	PA	SPFDPASF	6
4	PHILADELPHIA PA-NJ	PA	TRPRPATR	5
4	PHILADELPHIA PA-NJ	PA	TULYPATU	5
4	PHILADELPHIA PA-NJ	PA	WAYNPAWY	4
4	PHILADELPHIA PA-NJ	PA	WCHSPAWC	4
4	PHILADELPHIA PA-NJ	PA	WGTNPAWR	5
4	PHILADELPHIA PA-NJ	PA	WLGRPAWG	5
4	PHILADELPHIA PA-NJ	PA	YRDLPAYL	6

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Types of Rates and Charges (Cont'd)(F) Switched Transport Rate Elements (Cont'd)(8) Operating Territory of the Verizon Telephone Companies
(Cont'd)

(a) Metropolitan Statistical Areas (Cont'd)

<u>MSA ID</u>	<u>MSA Name</u>	<u>State</u>	<u>SWC CLLI</u>	<u>Price Band</u>
13	PITTSBURGH PA	PA	ALQPPAAL	6
13	PITTSBURGH PA	PA	BGVLPABR	6
13	PITTSBURGH PA	PA	BLLVPABE	6
13	PITTSBURGH PA	PA	BLVNPABV	6
13	PITTSBURGH PA	PA	BRDDPABR	6
13	PITTSBURGH PA	PA	BTPKPABP	6
13	PITTSBURGH PA	PA	BVFLPABF	6
13	PITTSBURGH PA	PA	CARNPACA	6
13	PITTSBURGH PA	PA	CHRLPACH	6
13	PITTSBURGH PA	PA	CNBGPACA	6
13	PITTSBURGH PA	PA	CNLVPACO	6
13	PITTSBURGH PA	PA	CRAFPACR	6
13	PITTSBURGH PA	PA	CRPLPACO	6
13	PITTSBURGH PA	PA	DRMTPADO	5
13	PITTSBURGH PA	PA	ELZTPAET	6
13	PITTSBURGH PA	PA	FRCHPAFA	6
13	PITTSBURGH PA	PA	GLNSPAGL	6
13	PITTSBURGH PA	PA	GNBGPAGR	6
13	PITTSBURGH PA	PA	HMSTPAHO	6
13	PITTSBURGH PA	PA	IRWNPAIR	6
13	PITTSBURGH PA	PA	LTRBPALA	6
13	PITTSBURGH PA	PA	MCMRPAMC	6
13	PITTSBURGH PA	PA	MCPTPAMK	6
13	PITTSBURGH PA	PA	MCRKPAMR	6

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Types of Rates and Charges (Cont'd)(F) Switched Transport Rate Elements (Cont'd)(8) Operating Territory of the Verizon Telephone Companies
(Cont'd)

(a) Metropolitan Statistical Areas (Cont'd)

<u>MSA ID</u>	<u>MSA Name</u>	<u>State</u>	<u>SWC CLLI</u>	<u>Price Band</u>
13	PITTSBURGH PA	PA	MOVLPAPO	6
13	PITTSBURGH PA	PA	NWKNPANK	6
13	PITTSBURGH PA	PA	OKMTPAOA	6
13	PITTSBURGH PA	PA	PEHLPAPH	6
13	PITTSBURGH PA	PA	PITBPAAL	5
13	PITTSBURGH PA	PA	PITBPACA	6
13	PITTSBURGH PA	PA	PITBPADT	4
13	PITTSBURGH PA	PA	PITBPAEL	5
13	PITTSBURGH PA	PA	PITBPANS	6
13	PITTSBURGH PA	PA	PITBPAOK	5
13	PITTSBURGH PA	PA	PITBPASQ	5
13	PITTSBURGH PA	PA	PLHSPAPH	6
13	PITTSBURGH PA	PA	PYVLPAPE	4
13	PITTSBURGH PA	PA	RBTPPART	6
13	PITTSBURGH PA	PA	ROCHPARC	6
13	PITTSBURGH PA	PA	SHSAPASH	6
13	PITTSBURGH PA	PA	TRCKPATC	6
13	PITTSBURGH PA	PA	TRNTPATA	6
13	PITTSBURGH PA	PA	UNTNPAUN	6
13	PITTSBURGH PA	PA	WASHPAWA	6
13	PITTSBURGH PA	PA	WKBGPAWK	4
13	PITTSBURGH PA	PA	WMFLPAWM	6

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Types of Rates and Charges (Cont'd)(F) Switched Transport Rate Elements (Cont'd)(8) Operating Territory of the Verizon Telephone Companies
(Cont'd)

(a) Metropolitan Statistical Areas (Cont'd)

<u>MSA ID</u>	<u>MSA Name</u>	<u>State</u>	<u>SWC CLLI</u>	<u>Price Band</u>
56	SCRANTON-WILKES-BARRE -HAZELTON PA, a.k.a. (SCRANTON)			
56	(SCRANTON)	PA	BEWKPABR	6
56	(SCRANTON)	PA	BMBGPABL	6
56	(SCRANTON)	PA	BRCKPAES	6
56	(SCRANTON)	PA	CRDLPACA	6
56	(SCRANTON)	PA	HZTNPAHZ	5
56	(SCRANTON)	PA	JRMYPAJE	6
56	(SCRANTON)	PA	KGTNPAES	6
56	(SCRANTON)	PA	MOSCPAMC	6
56	(SCRANTON)	PA	MSCWPAMW	6
56	(SCRANTON)	PA	MTPCPAMP	6
56	(SCRANTON)	PA	NNTCPANA	6
56	(SCRANTON)	PA	OLYPPAOL	6
56	(SCRANTON)	PA	PTTNPAPI	6
56	(SCRANTON)	PA	SCTNPASC	4
56	(SCRANTON)	PA	SRBGPAST	5
56	(SCRANTON)	PA	TNVLPATA	6
56	(SCRANTON)	PA	WLBRPAWB	5
58	ALLENTOWN- BETHLEHEM-EASTON PA, a.k.a. (ALLENTOWN)			
58	(ALLENTOWN)	PA	ALTWPAAL	4
58	(ALLENTOWN)	PA	ALTWPAMT	4
58	(ALLENTOWN)	PA	BHLHPABE	4
58	(ALLENTOWN)	PA	CTSQPACT	5
58	(ALLENTOWN)	PA	ESTNPAEA	5
58	(ALLENTOWN)	PA	KHVLPAKU	6
58	(ALLENTOWN)	PA	NATNPANR	6
58	(ALLENTOWN)	PA	NZRTPANA	5

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.1 Types of Rates and Charges (Cont'd)(F) Switched Transport Rate Elements (Cont'd)(8) Operating Territory of the Verizon Telephone Companies
(Cont'd)

(a) Metropolitan Statistical Areas (Cont'd)

<u>MSA ID</u>	<u>MSA Name</u>	<u>State</u>	<u>SWC CLLI</u>	<u>Price Band</u>
84	HARRISBURG-LEBANON- CARLISLE PA, a.k.a. (HARRISBURG)			
84	(HARRISBURG)	PA	CPHLPACH	6
84	(HARRISBURG)	PA	ENOLPAEN	6
84	(HARRISBURG)	PA	HRBGPAHA	4
84	(HARRISBURG)	PA	LBNNPAES	6
84	(HARRISBURG)	PA	MBRGPAME	6
84	(HARRISBURG)	PA	MDTNPAMI	6
84	(HARRISBURG)	PA	NCLDPANC	5
84	(HARRISBURG)	PA	PLMPAPPA	6
84	(HARRISBURG)	PA	PXTGPAPG	5
84	(HARRISBURG)	PA	PXTNPAPA	5
84	(HARRISBURG)	PA	SLTNPAST	4
105	LANCASTER PA	PA	EPBGPAEP	6
105	LANCASTER PA	PA	LNCSPALA	4
105	LANCASTER PA	PA	MIVLPAMI	6
118	READING PA	PA	LRDLPALB	6
118	READING PA	PA	RDNGPARE	5
118	READING PA	PA	SHLNPASH	6
118	READING PA	PA	SLWBPASL	6
118	READING PA	PA	SNSPPASS	6
225	ALTOONA PA	PA	ALNAPAAL	5
225	ALTOONA PA	PA	HLBGPAHO	6
238	SHARON PA	PA	SHRNPASH	5
251	WILLIAMSPORT PA	PA	JRSHPAJS	6
251	WILLIAMSPORT PA	PA	WLPTPAWI	6
259	STATE COLLEGE PA	PA	BLLFPABE	6
259	STATE COLLEGE PA	PA	STCGPAES	4

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.2 Minimum Periods(C¹)

The minimum service period for Switched Transport Entrance Facilities and Direct-Trunked Transport are as follows:

DS1: 2 months
DS3: 12 months

All other Switched Access Service is provided for a minimum period of one month.

When service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. Customers may at any time change their service payment option to a Term Payment Plan without assessment of the minimum service charge.

6.8.3 Reserved for Future Use

6.8.4 Minimum Monthly Charge

Switched Access Service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided to each end office. The minimum monthly charge consists of the following elements:

(C¹) Material on this sheet formerly appeared on sheet 223C.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.4 Minimum Monthly Charge (Cont'd)

For those rate elements that are billed a flat monthly rate, i.e., Switched Transport Optional Features, the minimum monthly charge is (C) the monthly rate developed on an individual case basis.

For a Dedicated Network Access Link, the minimum monthly charge for a month or fraction thereof is the applicable monthly rate for the (C) service as set forth in section 6.9 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.5 Change of Feature Group or BSA Type

Changes from one type of Feature Group to another type of Feature Group, or from one type of BSA to another type of BSA, will be treated as a discontinuance of one type of service and a start of another. Nonrecurring charges will apply, with one exception. When a customer upgrades a Feature Group A or B service to a Feature Group D service or upgrades a Lineside BSA or Trunkside BSA-950 Option to a Trunkside BSA-101XXXX Option, of the same capacity in the same end office, the nonrecurring charges will not apply. If, however, additional optional features or BSEs are added to the service at the time the conversion takes place, the nonrecurring charges for the added features or BSEs will apply.

(C)

6.8.5.1 Conversion of Existing Feature Groups to Basic Service Arrangements

Nonrecurring charges will not apply to the conversion of existing Feature Groups to their unbundled BSA equivalents. However, conversions from a BSA to its equivalent Feature Group will be treated as a discontinuance of one type of service and a start of another (nonrecurring charges will apply).

When the initial order for Trunkside BSA-950 Option, in a State, is received by the Telephone Company, that order will cause conversion of existing FGB services, in that State, to the Trunkside BSA-950 Option rate structure for the CIC associated with that order.

When the initial order for Trunkside BSA-101XXXX Option, in a State, is received by the Telephone Company, that order will cause conversion of existing FGB services, in that State, to the Trunkside BSA-101XXXX Option rate structure for the CIC associated with that order.

(C)

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(C)

6.8.5.1 Conversion of Existing Feature Groups to Basic
Service Arrangements

Orders for Lineside BSA will not cause conversion of FGA services within the State where the Lineside BSA is ordered. However, Lineside BSA and FGA services cannot be combined in the same Hunting Service Arrangement.

6.8.6 Moves

(C)

A move involves a change in the physical location of one of the following:

- The point of termination at the customer's premises
- The customer's premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(C) Indicates change.

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By Daniel J. Whelan, Vice-President, 315 N. 2nd St., Harrisburg, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.6 Moves (Cont'd)

(A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one-half of the nonrecurring charge for the capacity affected. There will be no change in the minimum period requirements.

(B) Moves to a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new service. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

6.8.7 Measuring Access Minutes

Customer traffic to end office switches will be measured, i.e., recorded or assumed, by the Telephone Company at end office switches or access tandem switches. Originating and terminating calls will be measured, i.e., recorded or assumed, by the Telephone Company to determine the basis for computing chargeable access minutes. For terminating calls over usage-rated Lineside BSA, Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option, FGA, FGB and FGD, and for originating calls over usage-rated MTS/WATS-type Lineside BSA and MTS/WATS-Type FGA chargeable originating access minutes are derived from recorded minutes in the following manner.

(C)

Step 1: Obtain recorded originating minutes and messages (measured as set forth in [A] and [C] following for Lineside BSA and FX/ONAL FGA) from the appropriate recording data.

Step 2: Obtain the total attempts by dividing the originating measured messages by the completion ratio. Completion ratios (CRs) are obtained separately for the major call categories such as DDD, operator, Toll Free, 900, directory assistance and international from a sample study which analyzes the ultimate completion status of the total attempts which receive acknowledgment from the customer. That is, Measured Messages divided by Completion Ratio equals Total Attempts.

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.7 Measuring Access Minutes (Cont'd)

(C)

Step 3: Obtain the total non-conversation time additive (NCTA) by multiplying the total attempts (obtained in Step 2) by the NCTA per attempt ratio. The NCTA per attempt ratio is obtained from the sample study identified in Step 2 by measuring the non-conversation time associated with both completed and incompleted attempts. The total NCTA is the time on a completed attempt from customer acknowledgment of receipt of call to called party answer (set up and ringing) plus the time on an incompleted attempt from customer acknowledgment of call until the access tandem or end office receives a disconnect signal (ring - no answer, busy or network blockage). That is, Total Attempts times Non-Conversation Time per Attempt Ratio equals Total NCTA.

Step 4: Obtain total chargeable originating access minutes by adding the total NCTA (obtained in Step 3) to the recorded originating measured minutes (obtained in Step 1). That is, Measured Minutes plus NCTA equals Chargeable Originating Access Minutes.

Following is an example which illustrates how the chargeable originating access minutes are derived from the measured originating minutes using this formula.

Where: Measured Minutes (M. Min.) = 7,000
Measured Messages (M. Mes.) = 1,000
Completion Ratio (CR) = .75
NCTA per Attempt = .4

$$(1) \quad \text{Total Attempts} = \frac{1,000 \text{ (M. Mes.)}}{.75 \text{ (CR)}} = 1,333.33$$

$$(2) \quad \text{Total NCTA} = .4 \text{ (NCTA per Attempt)} \times 1,333.33 = 533.33$$

$$(3) \quad \text{Total Chargeable Originating Access Minutes} = 7,000 \text{ (M. Min.)} + 533.33 \text{ (NCTA)} = 7,533.33$$

When assumed minutes are used, the assumed minutes are the chargeable access minutes.

(C) Indicates change.

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By Daniel J. Whelan, Vice-President, 315 N. 2nd St., Harrisburg, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.7 Measuring Access Minutes (Cont'd)

Usage-rated Lineside BSA and FGA access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each line or hunt group, and are then rounded up to the nearest access minute for each line or hunt group. Usage-rated Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option and FGB and FGD access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office.

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.7 Measuring Access Minutes (Cont'd)

The assumed average access minutes used for Lineside BSA or MTS/WATS-Type and FX/ONAL FGA usage-rated services originating or terminating in end offices where measurement capability is not available are as follows:

	<u>Originating</u>	<u>Terminating</u>	<u>Total</u>
Lineside BSA or			
FGA*: MTS/WATS-Type	4690	4130	8820
FX	730	170	900
ONAL/LONAL	0	1350	1350

(A) Lineside BSA and Feature Group A Usage Measurement

For originating calls over Lineside BSA and FGA, usage measurement begins when the originating Lineside BSA or FGA entry switch receives an off-hook supervisory signal forwarded from the customer's point of termination. (Where Lineside BSA and FGA is used for MTS/WATS-Type services, this off-hook signal is generally provided by the customer's equipment. Where Lineside BSA and FGA is used for FX/ONAL services, the off-hook signal is generally forwarded by the customer's equipment when the called party answers.)

The measurement of originating call usage over Lineside BSA and FGA ends when the originating Lineside BSA and FGA entry switch receives an on-hook supervisory signal from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over Lineside BSA and FGA, usage measurement begins when the terminating Lineside BSA or FGA entry switch receives an off-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has answered. The measurement of terminating call usage over Lineside BSA and FGA ends when the terminating Lineside BSA and FGA entry switch receives an on-hook supervisory signal from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

* Class of service applies only to circuits installed prior to January 1, 1984. After January 1, 1984, there is no class of service distinction within FGA.

(C) Indicates change.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.7 Measuring Access Minutes (Cont'd)

(B) Trunkside BSA-950 Option and Feature Group B Usage Measurement

For originating calls over Trunkside BSA-950 Option and FGB, usage measurement begins when the originating Trunkside BSA-950 Option or FGB entry switch receives answer supervision forwarded from the customer's point of termination, indicating the customer's equipment has answered.

The measurement of originating call usage over Trunkside BSA-950 Option and FGB ends when the originating Trunkside BSA-950 Option or FGB entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over Trunkside BSA-950 Option and FGB, usage measurement begins when the terminating Trunkside BSA-950 Option or FGB entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over Trunkside BSA-950 Option and FGB ends when the terminating Trunkside BSA-950 Option or FGB entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

(C) Indicates change.

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By Daniel J. Whelan, Vice-President, 315 N. 2nd St., Harrisburg, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.7 Measuring Access Minutes (Cont'd)

(C) Trunkside BSA-101XXXX Option and Feature Group D Usage Measurement (C)

For originating calls over Trunkside BSA-101XXXX Option and FGD, usage measurement begins when the originating Trunkside BSA-101XXXX Option or FGD entry switch receives the first wink supervisory signal forwarded from the customer's point of termination. For originating calls over FGD with out of band signaling, Usage Measurement begins when the last point of switching sends the initial address message to the customer. (C)

The measurement of originating call usage over Trunkside BSA-101XXXX Option and FGD ends when the originating Trunkside BSA-101XXXX Option or FGD entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch. (C)

For terminating calls over Trunkside BSA-101XXXX Option and FGD, the measurement of access minutes begins when the terminating Trunkside BSA-101XXXX Option or FGD entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered. (C)

The measurement of terminating call usage over Trunkside BSA-101XXXX Option and FGD ends when the terminating Trunkside BSA-101XXXX Option or FGD entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, which-ever is recognized first by the entry switch. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.7 Measuring Access Minutes (Cont'd)

(C)

(D) Toll Free and 900 Access Service Usage Measurement

Usage measurement from non equal access and equal access end offices without the customer identification function begins when the original end office switch receives off hook supervision from the customer's point of termination indicating the transmitted digits have been received. The usage measurement ends when the originating end office receives on hook disconnect supervision from either the customer's point of termination or the originating end user's end office, indicating the originating end user has disconnected whichever is recognized first by the end office.

Usage measurement from equal access end offices with the customer identification function begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination. The usage measurement ends when the originating end office receives on hook disconnect supervision from either the originating end user's office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the end office.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.8 Reserved For Future Use

6.8.9 Application of Rates for Extension Service

Lineside BSA and Feature Group A Switched Access Service and Trunkside BSA-101XXXX Option and Feature Group D WATS Access (C)
Connections are available with extensions, i.e., additional terminations of the service at different building(s) in the same or a different LATA. Extensions within the LATA are provided and charged for under the Telephone Company's Local General Tariffs.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.9 Application of Rates for Extension Service (Cont'd)

Extensions in different LATAs are provided and charged for as LATA Access Service, as set forth in the Special Services Tariff (Pa. P.U.C.-No. 304). (C)

6.8.10 Measured Local Use Credit

Calls from end users to the seven-digit local telephone numbers associated with Feature Group A Switched Access Service are subject to Telephone Company Local General Tariff charges, as well as any other applicable charges for customer services. The monthly bills rendered to customers for their Feature Group A Switched Access Service will include a credit to reflect any measured local use charges collected from their customers under the Telephone Company's Local General Tariffs. (C)

6.8.11 Local Information Delivery 976 Audiotex Service

Calls over Switched Access in the terminating direction to certain community information services will be rated under the applicable rates for Switched Access Service as set forth in 6.9 following. In addition, the charges per call as specified under the Telephone Company Local General Tariffs, e.g., 976 Audiotex Service, will also apply.

6.8.12 Mileage Measurement

The mileage to be used to determine the monthly rate for the Switched Transport is calculated on the airline distance between the end office switch where the call carried by Switched Transport originates or terminates and the customer's serving wire center except as set forth in (A) through (F) following. The V&H coordinates method is used to determine mileage. This method is set forth in National Exchange Carrier Association Tariff F.C.C. No. 4, for Wire Center Information (V&H coordinates). (C)

The serving wire center associated with a customer-designated premises is the serving wire center from which the customer-designated premises would normally obtain dial tone unless Alternate Serving Wire Center, as described in 6.1.3(B) (5) (a) (10) preceding, is also provided. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.12 Mileage Measurement (Cont'd)

(C)

The V&H coordinates method is used to determine mileage.
This method is set forth in Exchange Carrier Association
Tariff F.C.C. NO. 4, for Wire Center Information (V&H
coordinates).

(C) Indicates change.

ISSUED MAY 3, 1993.

EFFECTIVE MAY 4, 1993.

By Daniel J. Whelan, Vice-President, 315 N. 2nd St., Harrisburg, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.12 Mileage Measurement (Cont'd)

DNAL mileage is shown in 6.9.8 following in terms of a per-mile structure. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association Tariff F.C.C. No. 4, and apply the rates. When the calculation results in a fraction of a mile, always round up to the next whole mile before applying the rates.

Exceptions to the mileage measurement rules are as follows:

- (A) When Trunkside BSA-950 Option and Feature Group B Switched Access Service terminates in end offices not equipped with measurement capabilities, mileage will be measured from the customer's serving wire center to the entry switch.
- (B) Switched transport mileage for Toll Free Access Service is based on the airline distance between the end office switch where the Toll Free and 900 Access Service Traffic originates to the customer's serving wire center.
- (C) Mileage measurement for Common Channel Signaling Access Service will be calculated on an airline basis, using the V&H coordinates method, between the serving wire center of the customer's SPOI and the Telephone Company's STP.
- (D) When the Local Transport for Switched Access Service is provided by the Telephone Company and the end user connection is provided by a CEC or RCC, mileage for access will be calculated on an airline basis, using the V&H Coordinate Method, between the customer's serving wire center and the serving wire center of the MTSO.
- (E) Tandem Transport mileage consists of two distinct components, Direct-Trunked Transport (DTT) and tandem or common mileage. The DTT mileage will be measured from the SWC to the tandem and the tandem or common mileage will be measured from the tandem to the end office. The tandem or common mileage is usage sensitive. The DTT is rated monthly.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)6.8.13 Shared Use High Capacity Services

- (F) Tandem Transport mileage measurement to a remote switching module (RSM) is calculated on an airline basis using the V&H coordinates method, between the end office that serves as the host switch for the RSM and the access tandem for the Switched Access provided. This mileage is usage sensitive. (C)
- (G) A serving wire center associated with a customer's designated premises used as a mileage-measuring point may be either the wire center from which the customer would normally obtain dial tone or an alternate serving wire center as described in 6.1.3.(B) (5) (a) (10) preceding. (C)
- (H) Host/remote mileage measurement for originating and terminating Trunkside BSA - 950 Option, Trunkside BSA - MTS/WATS Option, Trunkside BSA-101XXXX Option and FGB, FGC, and FGD switched access services ordered to, and for Lineside BSA and FGA calls terminated to, a remote switching module (RSM) is calculated on an airline basis using the V&H coordinates method, between the RSM and end office that serves as the Host switch for the RSM. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.13 Shared Use High Capacity Services

Shared use occurs when Switched Access Service is provided over a High Capacity Special Access facility through a common interface. Shared use of Switched Access facilities (i.e., Special Access Service provided over Switched Access Facilities) is not allowed.

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rate Regulations (Cont'd)

(C)

6.8.14 Host/Remote

Direct-Trunk Transport (DTT) may be ordered to a host switch. DTT rates will apply to the host switch. For service to a remote switch, tandem-fixed and per-mile, per-MOU rates will apply between the host and remote switches. No tandem switching will apply.

Tandem transport may also be ordered to a host switch. The transport will be measured as tandem-fixed and per-mile, per-MOU from the tandem to the host. Tandem switching will apply. For service to a remote switch, a tandem-fixed and per-mile, per-MOU charge will also apply from the host to the remote switch subtending the host.

† Any future capacity due to a customer's disconnect of Switched Access Service will be considered Telephone Company inventory.

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.8 Rate Regulations (Cont'd)
6.8.14 Host/Remote (Cont'd)

(C)

FGA terminating service will be measured from the Dial Tone Office to the host, and the tandem-fixed and per-mile, per-MOU charge will apply. If the call is made to the remote, another tandem-fixed and per-mile, per-MOU charge will apply from the host to the remote subtending the host. Tandem switching will not apply.

A nonrecurring Remote Translation charge will apply for those customer requests which require a unique routing arrangement. This charge will apply per Remote Trunk Group, per occurrence.

Requests for service at remote offices will be accepted where the necessary space and technical capabilities exist.

6.8.15 Shared Network Arrangement

Each customer entering into a Shared Network Arrangement is solely responsible to Bell Atlantic-Pennsylvania, Inc. for charges associated with that customer's portion of the shared network. Disconnection of service by the host subscriber does not relieve another service user of the network of any obligation to pay access charges associated with the portion of the shared network to which that service user subscribes. Billing for services and facilities will continue until a disconnect request from the service user has been received by the Telephone Company. The host subscriber is solely responsible for notifying the connecting service user in the event of disconnection of the host subscriber service which affects that portion of the shared network service to which the service user has subscribed.

For administrative purposes, one "Arrangement" under the Shared Network Arrangement offering shall be limited to the agreement between one host subscriber and one service user permitting the service user to connect a specified number of subtending circuits to one specified multiplexer on the host subscriber's service. Agreements between one host subscriber and two (or three, etc.) service users shall be deemed to comprise two (or three, etc., respectively) separate "Arrangements". However, an agreement to expand the scope of an existing Shared Network Arrangement by subsequently increasing the number of subtending facilities on the same multiplexed shall not constitute a new or separate "Arrangement".

A Shared Network Arrangement shall be established between a host subscriber and a service user upon the completion of the service order for the first arrangement. No Shared Network Arrangement shall be deemed to be in effect until at least one subtending facility has been installed for a service user. A Shared Network Arrangement shall be deemed cancelled when the last subtending facility has been disconnected.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.15 Shared Network Arrangement (Cont'd)

(C)

A Processing charge will apply for handling each service order in a Shared Network Arrangement. The Processing charge applies in addition to all other applicable rates and charges.

6.8.16 Facility Hubs

A customer has the option of ordering high capacity facilities, i.e., DS1 or DS3, to a facility Hub for distributing or channelizing to individual services requiring lower capacity facilities, e.g., Voice Grade or DS1.

When high capacity facilities are provided between a customer premises and a facility Hub, the facility will not be considered an end-to-end service until an associated channelized service is installed. The facility Hub will not be considered as a customer premises.

Different locations may be designated by the Telephone Company as Hubs for different facility capacities, e.g., multiplexing from DS3 to DS1 may occur at one location while multiplexing from DS1 to Voice Grade may occur at a different location. When ordering, the customer will specify the desired multiplexing Hub(s) selected from the National Exchange Carrier Association Tariff F.C.C. No. 4. This Tariff identifies the type(s) of multiplexing functions available and the serving wire centers at which they are available.

The types of multiplexing arrangements available include the following:

- from higher to lower bandwidth
- from high capacity to voice grade channels

End-to-end services may be provided on channels of these facilities to a Hub. The transmission performance for the end-to-end service provided between customer-designated premises will be that of the lower capacity or bit rate.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.16 Facility Hubs (Cont'd)

The Telephone Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Additional individual services using these facilities may be installed coincident with the installation of the facility to the Hub or may be ordered and/or installed at a later date, at the option of the customer. The customer who orders the High Capacity Service must order all associated individual Access Channelized Services. The customer will be billed for a high capacity Entrance Facility, Direct-Trunked Transport, Channel Mileage (when applicable), and the multiplexing arrangements at the time the facility is installed. Additional individual service rates (by service type) will apply for an Entrance Facility for additional Direct-Trunked Transport (as required) for each subsequent channelized service. These will be billed to the customer as each individual service is installed.

In addition, Hubbing may be provided at an end office if all the circuits to be multiplexed are on an individual Direct-Trunked facility and equipment is available.

6.8.17 Tandem Access Sectorization (TAS)

(A) General

Tandem Access Sectorization is a service designed to meet the traffic routing requirements of customers whose traffic is routed through an access tandem. TAS is only available in connection with Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option, and Feature Groups B and D Switched Access Services from the tandems as specified in Section 6.8.14(F). TAS is available to all customers. For customers with multiple POTs, TAS is a method of directing Trunkside BSA-101XXXX Option and Feature Group D traffic via an access tandem to a specific POT designated by the customer. Trunkside BSA-950 Option and Feature Group B customers with TAS will be able to identify the geographical area from which calls originate. TAS permits customers with multiple POTs within a LATA to balance the call volume within their respective networks. TAS may not be used in conjunction with the Optional Feature Alternate Traffic Routing specified in Section 6.4.1(I).

(C)
|

(C)

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.17 Tandem Access Sectorization (TAS) (Cont'd)

(B) Tandem Access Sectorization Area (TASA)

The tandem serving area will be subdivided into geographical areas called Tandem Access Sectorization Areas which will be defined by the Telephone Company. Each TASA must be treated as a unit and cannot be subdivided. The TASAs are standard for all customers who purchase TAS. A customer with multiple POTs within the LATA can designate to which POT all of the traffic from a specific TASA will be routed. The customer may also designate on which Trunk Group and to which particular POT all of the traffic from a given TASA will be routed. All of the tandem-routed traffic from a TASA can only be delivered to one POT. TASAs are listed in Section 6.8.17(E).

(C) End Offices

Calls originating from end offices within the TASA that are not routed over direct trunks to a customer POT can be routed via an access tandem over Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option and Feature Groups B or D originating trunk groups. If a customer had a direct trunk group to the end office, both direct and tandem-routed traffic from that end office could be sent to the same POT or to a different POT as designated by the customer. (C)

(D) Access Tandems

Through the use of incoming trunk class screening in the access tandem, calls originating from a TASA can be identified with that TASA. In the case of a customer with one POT, all tandem-routed traffic from a TASA can be directed to a specific outgoing trunk group from the tandem to the POT as designated by the customer. A customer with multiple POTs can direct all originating calls from a TASA to a single POT. In addition, all originating traffic from a different TASA could be routed to the same POT or a different POT as designated by the customer. The access tandems may be found in Section 6.8.17(F).

(E) TASA Geographic Areas

A TASA is a breakdown into geographic sections of the areas served by access tandem switches.

- (1) Capital LATA
 - Harrisburg
 - Lancaster

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.17 Tandem Access Sectorization (TAS) (Cont'd)

(C)

(E) TASA Geographic Areas (Cont'd)

- (2) Philadelphia LATA
 - Philadelphia City
 - Philadelphia Suburban North
 - Philadelphia Suburban South
 - Allentown
 - Reading
 - Delaware North
 - Delaware South

- (3) Pittsburgh LATA
 - Pittsburgh South
 - Pittsburgh North
 - Uniontown
 - Sharon
 - Greensburg

(F) Access Tandems for use with TAS

Harrisburg Tandem
Philadelphia Tandem
Pittsburgh Tandem
Fort Washington Tandem
Oakland Tandem

6.8.18 Customized Pricing Option - High Capacity Service

High Capacity Service described in this Tariff may be offered at rates and terms set forth to customers who demonstrate to the Telephone Company that they are considering competitive alternatives to Bell Atlantic's High Capacity Service.

Once it is determined that a customer is considering viable competitive alternatives to this company's High Capacity Service, the Telephone Company may offer payment terms for High Capacity Service which meet individual customer requirements. Payment terms and rates will be determined by the Telephone Company and will be set forth in separate schedules between the Telephone Company and qualifying customers. The rates will range from a floor represented by the costs of furnishing service to a ceiling represented by the rates set forth in Section 6 of this tariff. Rates will be developed on an individual case basis and will be sufficient to cover the appropriate forward-looking incremental costs as determined by the Telephone Company. The rate will be developed including the appropriate engineering labor rate, craft labor rate, cost of material and contribution. The schedule and applicable Telephone Company Tariff shall constitute the contract for High Capacity service between the Telephone Company and its customers.

In compliance with the Opinion and Order of the Pennsylvania Public
Utility Commission in Docket No. R-00963550.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.19 Carrier Common Line

- (A) Carrier Common Line Access provides for the use of end users' Telephone Company provided common lines by customers for access to such end users to furnish Intrastate Communications.

6.8.20 DS3 Service Arrangement Term Pricing Plan (TPP)

(C)

(A) Payment Plans and Minimum Periods

Recurring charges for DS3 Services are rated and charged monthly for all commitment plans; Month-to-Month, 3 and 5-year Term Pricing Plans (TPPs). TPPs are provided with Base Rates as described in Section (B) following and as set forth in Section 6.9 following.

The minimum service period for DS3 is 12 months.

Additionally, the optional feature, DS3 to DS1 Central Office Multiplexing, is also available on a 3 or 5-year Term Pricing Plan. When ordered, a 3 or 5-year TPP for the DS3/DS1 multiplexing feature must have the same term period as the associated service, and it is always assigned an expiration date that is coterminous with the associated service.

At the end of a term plan, the customer will not be eligible to receive discounted monthly charges unless the TPP commitment is renewed.

Should a customer terminate service prior to completing the minimum period or the plan term period, termination liability may be applicable. Termination liability is assessed on entrance facilities, direct trunked transport fixed and per mile, and multiplexing rate elements. A customer who downgrades a term plan to shorter duration, changes the system configuration (i.e., Optical to Electrical) or disconnects the service will be treated as having terminated the service.

If a customer establishes a Commitment Discount Plan (CDP) for at least one (1) service type listed in Section 12.1 following and subscribes to other services listed in Section 12.1 following at any time that a CDP is in effect, the customer may not establish or maintain a term plan for any services that are eligible for inclusion in CDP with the limited exception of IEF services as set forth in Section 12.1 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.20 DS3 Service Arrangement Term Pricing Plan (TPP) (Cont'd)

(B) Base Rates

The rates charged under 3-Year and 5-year TPPs are based upon Base Rates as specified in Section 6.9.2 following. Such rates may change during the commitment period, but in no case will the Base Rate exceed the non-discounted monthly rate for the service. In order to calculate the rates the customer will pay, the following discount percentages are applied to the Base Rates Monthly Rate Per CT for 3-Year and 5-Year TPPs for DS3 Entrance Facility Channel Terminations, Direct Trunked Transport Channel Mileage, and DS3 to DS1 Multiplexing. Discount percentages are not applied to nonrecurring rates.

3-Year	10%
5-Year	35%

(C) TPP Termination Without Liability

- (1) A customer may terminate the DS3 Term Pricing Plan during the life of the plan without penalty by entering the system configuration into a new payment plan of equal or greater length prior to the expiration of the plan.

A customer may terminate the Term Pricing Plan during the life of the plan without termination liability if the service is upgraded (changed to a higher bandwidth/capacity service or to a higher speed service) through aggregation of existing services or service additions, and agrees to a new Term Pricing Plan of equal or greater length. Any additional circuits added to make up the upgrade would be subject to all applicable nonrecurring charges.

A customer who specifically requests a change of physical facilities or electronics in conjunction with an upgrade, will be treated as having terminated service and full nonrecurring charges will apply.

In the event that the Telephone Company initiates a rate increase and the total discounted monthly rate for the affected service increases by eight percent (8%) or more, the customer may cancel its TPP for the affected service without termination liability. The customer must exercise its option to cancel the TPP for the affected service within thirty (30) days of the date of the effective rate increase.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.20 DS3 Service Arrangement Term Pricing Plan (TPP) (Cont'd)

(C) TPP Termination Without Liability (Cont'd)

(2) Termination Liability will not apply when a customer meets the requirements for DS3 "portability." DS3 Portability is the replacement of a service under a TPP with another service for the balance of the TPP commitment period. DS3 Portability requirements are as follows:

- The TPP service to be discontinued must have been in service for a minimum of 1 year.
- The replacement service must be of the same capacity or type, and must not already be in a Term Pricing Plan.
- The orders to accomplish the replacement are placed with the Telephone Company at the same time with due dates within 90 days of each other, and are related by a Related Purchase Order Number.
- The quantities associated with the replacement are equal to or greater than the disconnected service.
- The replacement service is subject to any applicable nonrecurring charges.

(D) TPP Termination With Liability - Early Termination Provision

For any DS3 term plan services that are terminated prior to the end of the minimum period, the customer will be liable for 100% of the total monthly charges for the unexpired portion. Total monthly charges are calculated based upon the rate band determined in the last count taken.

DS3 Term Pricing Plans are provided in conjunction with an Early Termination Provision (ETP) agreement. ETP is calculated using either of the following options that provides the customer with the lowest termination liability.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.20 DS3 Service Arrangement Term Pricing Plan (TPP) (Cont'd)(D) TPP Termination With Liability - Early Termination Provision
(Cont'd)

Option I

In addition to the minimum period liability of 100%, the customer will be liable for 15% of the total monthly charges for the remaining portion of the term plan.

Option II

In addition to the minimum period liability of 100%, the following applies:

- Where there is neither a basic Month-to-Month rate nor a TPP period less than the actual time the service has been in effect, Option 1 applies.
- Where there is no TPP period less than the actual time the service has been in effect, the termination liability charge will be the difference between the full basic Month-to-Month rate and the selected TPP monthly rate for the period the plan has been in effect after the minimum period.
- Where there is a TPP period less than the actual time the service has been in effect, the termination liability charge will be the difference between the monthly rate for the highest TPP period that could have been satisfied prior to discontinuation of the service and the monthly rate for the selected commitment period multiplied by the actual number of months the plan has been in effect after the minimum period.

Notice of discontinuance must be given by the customer at least three months prior to actual discontinuance. Monthly charges will apply for a period of three months from the date the Telephone Company receives discontinuance notification or until the requested discontinuance date, whichever period is longer.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.21 DS1 Term Pricing Plans (TPP)

(A) Description

DS1 Term Pricing Plans are pricing options available to customers who subscribe to specific longer term commitment periods in exchange for reduced monthly rates. The minimum service period for month-to-month DS1 service is 2 months.

- (1) DS1 Term Pricing Plans are available in 2, 3, 5, and 7-year commitment periods.
- (2) Customers have the option of purchasing Entrance Facilities under one plan and Direct Trunked Transport under another plan, or under the month-to-month service plan. TPPs are available subject to the following:
 - DS1 Term Pricing Plans are applicable to DS1 entrance facilities, direct trunked transport (Fixed and Per Mile), and associated DS1 Multiplexers (DS1 to Voice). The fixed and per mile rate elements and associated multiplexers for a given facility must be included in the same TPP; the entrance facilities and associated multiplexer must also be included in the same plan.
- (3) The rates for Term Pricing Plans are based upon monthly rates as specified in Section 6.9.2 following. Such rates may change during the commitment period. In order to calculate the rates the customer will pay, the following discount percentages are applied to the Monthly Rate Per CT for 2-Year, 3-Year, 5-Year, and 7-Year TPPs for DS1 Entrance Facility Channel Terminations, Direct Trunked Transport Channel Mileage, and DS1 to Voice Grade Multiplexing. Discount percentages are not applied to nonrecurring rates.

2-Year	10%
3-Year	20%
5-Year	30%
7-Year	35%

The nonrecurring rates for TPPs are the same as for month-to-month Service. Term Pricing Plans do not include optional features except for associated DS1 multiplexing in the DS1 TPPs. Other optional features are available at month-to-month Service rates.

Term Pricing Plans are not applicable to services in other rate plans.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.21 DS1 Term Pricing Plans (TPP) (Cont'd)

(A) Description (Cont'd)

- (4) If a customer establishes a Commitment Discount Plan (CDP) for at least one (1) service type listed in Section 12.1 following and subscribes to other services listed in Section 12.1 following at any time that a CDP is in effect, the customer may not establish or maintain a term plan for any services that are eligible for inclusion in CDP with the limited exception of IEF services as set forth in Section 12.1 following.

(B) TPP Terms and Conditions

- (1) When requesting a Term Pricing Plan, the customer must specify the length of the desired commitment period and the services which are to be included in the plan.
- (2) When requesting any Term Pricing Plan activity regarding Entrance Facilities, the customer must specify by billing account and circuit identification number which circuits are to be affected.
- (3) When ordering Term Pricing Plan services, related rate elements must be ordered under the same plan. For example, both entrance facilities and any DS1 associated multiplexing for a given facility must be in the same plan and have the same service date. Similarly, both rate elements for Direct Trunked Transport, fixed and per mile and any associated DS1 multiplexing, must be in the same plan and have the same service date.
- (4) At the end of a TPP commitment period, the DS1 service(s) will be billed at the basic rate unless the customer subscribes to a new TPP.
- (5) Termination liability is assessed on entrance facilities, direct trunked transport fixed and per mile, and multiplexing rate elements.
- (6) In the event that the Telephone Company initiates a rate increase and the total discounted monthly rate for the affected service increases by eight percent (8%) or more, the customer may cancel its TPP for the affected service without termination liability as set forth in (D) following. The customer must exercise its option to cancel the TPP for the affected service within thirty (30) days of the date of the effective rate increase.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.21 DS1 Term Pricing Plans (TPP) (Cont'd)

(C) TPP Termination Liability

- (1) A termination liability payment is applicable when a service is disconnected in full or in part prior to the end of the selected commitment period or where the customer fails to comply with the conditions required for a TPP, except as set forth in (D) following.
- (2) The termination liability payment applies to each entrance facility, direct trunked transport fixed and per mile, and multiplexing recurring rate element which is disconnected prior to the expiration of the commitment period of the Term Pricing Plan.
- (3) The termination liability charge is calculated as set forth in (a) or (b) following: when calculating termination liability charges, the Telephone Company will apply the option which provides the customer with the lowest termination liability charge.

(a) Option I

For services discontinued within the first year, the customer will be liable for 100% of the total monthly charges for the unexpired portion of the initial 12 months, and 15% of the total monthly charges for the remainder of the TPP commitment period.

For services discontinued after the first 12 months of a plan, customers will be liable for 15% of the total monthly charges for the remaining portion of their Term Pricing Plan commitment period.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.21 DS1 Term Pricing Plans (TPP) (Cont'd)

(C) TPP Termination Liability (Cont'd)

(3) (Cont'd)

(b) Option II

For services discontinued within the first year and prior to the end of the selected commitment period, the termination liability charge will be the difference between the full month-to-month rates and the TPP monthly rates for the period the plan has been in effect.

For services discontinued after the first 12 months of a plan but prior to the end of the selected commitment period, the following applies:

- Where there is no TPP period less than the actual time the services have been in effect the termination liability charge will be the difference between the full month-to-month rates and the selected TPP monthly rates for the period the plan has been in effect.
- Where there is a TPP period less than the actual time the services have been in effect, the termination liability charge will be the difference between the monthly rates for the highest TPP period that could have been satisfied prior to discontinuation of the service and the monthly rates for the selected commitment period multiplied by the actual number of months the plan has been in effect.

For example, if a customer subscribes to a 5-year TPP and disconnects service during the thirty-seventh month, the longest TPP period that could have been satisfied is three years. The customer's termination liability would be calculated as follows: (3-year monthly TPP rate - 5-year monthly TPP X 37 months).

(4) Termination liability will be computed as follows:

At the end of the 12 months, 100% of the total monthly charges will be applied to the difference between the commitment level and the 12 month average of the actual entrance facilities or direct trunked transport.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.21 DS1 Term Pricing Plans (TPP) (Cont'd)

(D) TPP Termination Without Liability

- (1) In the event that the Telephone Company initiates a rate increase and the total discounted monthly rate for the affected service increases by eight percent (8%) or more, the customer may cancel its TPP for the affected service without termination liability. The customer must exercise its option to cancel the TPP for the affected service within thirty (30) days of the date of the effective rate increase.
- (2) A request to change to a longer commitment period will nullify the current termination liability. All terms and conditions associated with the new TPP will apply.
- (3) Termination liability is not applicable if the customer requests to upgrade service to a higher capacity (e.g., DS1 to DS3) service and meets all of the following conditions:
 - The new service is purchased under a long-term agreement equal to or greater than the commitment period of the service being disconnected.
 - The orders for the disconnect of the existing TPP rate elements and the new connect are received by the Telephone Company at the same time, with due dates within 90 days of each other, and are related together by a Related Purchase Order Number (RPON).
 - The total capacity of the service is greater than or equal to the capacity of the discontinued service(s).
- (4) DS1 Termination liability will not apply when a customer meets the requirements for DS1 "portability". DS1 Portability is the replacement of a service under a TPP with another service for the balance of the TPP commitment period. DS1 Portability requirements are as follows:
 - The replacement service must be of the same capacity or type, and must not already be in a Term Pricing Plan.
 - The orders to accomplish the replacement are placed with the Telephone Company at the same time with due dates within 90 days of each other, and are related by a Related Purchase Order Number.
 - The quantities associated with the replacement are equal to or greater than the disconnected service.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.21 DS1 Term Pricing Plans (TPP) (Cont'd)

(E) Additions to TPPs

Customers with existing Term Pricing Plans who wish to increase the number of their DS1 services have the following options:

- Subscribe to the additional services under the month-to-month payment plan.
- Subscribe to the additional services under a separate Term Pricing Plan.

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges

6.9.1 Access Connections

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(C)
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(A) Interface Group Service

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(C)

Interface Groups:

Group 1, Two-Wire path with Loop signaling	TPP1X
Group 2, Four-Wire path with Loop signaling	TPP2X
Group 3, Group level path with SF signaling	TPP3X
Group 4, Supergroup level path with SF signaling	TPP4X
Group 5, Mastergroup level path with SF signaling	TPP5X
Group 6, DS1 level path with Bit Stream signaling	TPP6X

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(C)

6.9.1 Access Connections (Cont'd)

USOC

(A) Interface Group Service (Cont'd)

Interface Groups: (Cont'd)

Group 7, DS1C level path with
Bit Stream signaling TPP7X

Group 8, DS2 level path with
Bit Stream signaling TPP8X

Group 9, DS3 level path with
Bit Stream signaling TPP9X

Group 10, DS4 level path with
Bit Stream signaling TPPAX

(B) Interface Group Nonchargeable
Optional Features

FID

(1) Supervisory Signaling

DX Supervisory Signaling
arrangement
- Per Transmission Path* NCI ++DX+

SF Supervisory Signaling
arrangement
- Per Transmission Path** NCI ++SF+

E&M Type I Supervisory
Signaling arrangement
- Per Transmission Path* NCI ++EA+

E&M Type II Supervisory
Signaling arrangement
- Per Transmission Path* NCI ++EB+

* Available with Interface Groups 1 and 2.

** Available with Interface Groups 2 and 6 through 10.

(C) Indicates change.

ISSUED MAY 3, 1993.

EFFECTIVE MAY 4, 1993.

By Daniel J. Whelan, Vice-President, 315 N. 2nd St., Harrisburg, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Access Connections (Cont'd)

(B) Interface Group Nonchargeable Optional Features (Cont'd)

FID

(1) Supervisory Signaling (Cont'd)

E&M Type III Supervisory
Signaling arrangement

- Per Transmission Path*

NCI TTECT

Tandem Supervisory
Signaling arrangement

- Per Transmission Path**

NCI TTEXT

(2) Customer-Specified Entry Switch
Receive Level

Customer specification of the receive
transmission level at the first
point of switching within a range
acceptable to the Telephone Company

- Per Transmission Path***

TLV

* Available with Interface Group 2 for Trunkside BSA-101XXXX Option
and FGD.

** Available with Interface Group 2 for Lineside BSA and FGA.

*** Available with Interface Groups 2 through 10 for Lineside BSA,
Trunkside BSA-950 Option and FGA and FGB.

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rate and Charges (Cont'd)6.9.2 Switched Transport¹

(A)	Entrance Facilities		
	<u>Voice Grade</u>	<u>Monthly Rate</u>	<u>Nonrecurring</u>
	2-Wire (USOC - EFG2X)		
	- Non-price band	\$14.00	\$1.00
	- Price band *	28.70	1.00
	4-Wire (USOC - EFG4X)		
	- Non-price band	26.02	1.00
	- Price band *	53.00	1.00
	DS1 (USOC - EFGDX)	190.00	275.00

DS3

- Per point of termination

DS3 - Channel Terminations - Volume	Monthly Rate, Per CT	Nonrecurring Charge	USOC
1	\$2,310.00	\$1.00	TYFAX, TYFBX, EF2CX, EF2TX
2	2,100.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
3	1,650.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
4	1,550.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
5	1,500.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
6	1,450.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
7	1,400.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
8	1,350.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
9	1,300.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
10	1,250.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
11	1,200.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
12	1,090.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
13	1,260.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
14	1,240.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
15	1,230.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
16	1,220.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
17	1,200.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
18	1,190.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
19	1,175.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
20	1,150.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
21	1,140.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
22	1,120.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
23	1,105.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
24	1,101.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX
25 and Over	1,100.00	1.00	TYFAX, TYFBX, EF2CX, EF2TX

* Price band office information can be found in 6.8.1(F) (8) (a).

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rate and Charges (Cont'd)6.9.2 Switched Transport¹ (Cont'd)

(B) <u>Tandem Switched Transport</u>	Per MOU	
	<u>Fixed</u>	<u>Per Mile</u>
Tandem Switching Other Than Toll Free (C)		
Data Base Access Service*** - Originating Tandem Switching Toll Free	\$0.000983	-
Data Base Access Service - Originating***	\$0.001000*** (C)	-
Tandem Switching Terminating to Verizon End Office	0.000000	-
Tandem Switching Terminating to Third Party	0.001574	-
 Tandem Transport other Than Toll Free (C)		
Data Base Access Service*** - Originating	\$0.000195	\$0.000045
Tandem Transport Terminating to Verizon End Office	-	\$0.000000
Tandem Transport Terminating to Third Party	-	\$0.000002
Host/Remote other Than Toll Free (C)		
Data Base Access Service - Originating***	\$0.000195	\$0.000045
Host/Remote Terminating	-	-
 Dedicated Tandem Trunk Port, Per Trunk		
	<u>Monthly Rate</u> \$12.50	

(C) <u>Direct-Trunk Transport</u>	Per Month	
	<u>Fixed</u>	<u>Per Mile</u>
Voice Grade (USOC - 1YTES)		
- Non-price band	\$16.93	\$3.00
- Price band **	20.44	4.00
DS1 (USOC - 1YTCS)	85.00	24.25
DS3 (USOC - 1YTDS, 1YTOS)		
Optical or Electrical	950.00	185.00

¹ Flexibly Priced

* For full plan details, see Section 12.

** Price band office information can be found in 6.8.1(F)(8)(a).

*** Issued in compliance with the Order of the Federal Communications Commission (C)
in WC Docket No. 18-156, In the Matter of 8YY Access Charge Reform, FCC 20- (C)
143, released October 9, 2020. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rate and Charges (Cont'd)6.9.2 Switched Transport¹ (Cont'd)(D) Multiplexing^{C1}

	<u>Nonrecurring Charge</u>	<u>Per Month</u>	<u>USOC</u>
per arrangement			
DS1 to Voice Grade....	-	\$210.00	MKW1X
DS3 to DS1.....	\$1.00	900.00	MKW3X, MJW3X

Term Pricing Plans/Discounts		
<u>Service Type</u>	<u>Commitment Period</u>	<u>Discount Percentage*</u>
Switched DS1	2 Year	10% off Mo-Mo Rate
	3 Year	20% off Mo-Mo Rate
	5 Year	30% off Mo-Mo Rate
	7 Year	35% off Mo-Mo Rate
Switched DS3	3 Year	10% off Base Rate
	5 Year	35% off Base Rate

	<u>Nonrecurring Charge</u>	<u>USOC</u>
(E) <u>Shared Network Arrangement</u>		

- Processing Charge per Service Order	\$40.00	SRNXX
---	---------	-------

(F) Switched Access Connection Charge

- per Line or Trunk	1.00 (D)	TPP++
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(G) Service Order Charge

- per Service Order	1.00 (D)	NRBOU
- per Service Rearrangement	50.00 (C)	NRBOK

(H) Per Remote Trunk Group

- per occurrence	300.00	NRBTC
------------------------	--------	-------

(I) Common Channel Signaling Access Service

	<u>Rate</u>
(1) STP Access Mileage	
- Per Month, per mile	\$4.00
(2) STP Port Termination	
- Per Month, per port	932.58

¹ Flexibly Priced(C¹) Material on this sheet formerly appeared on sheet 239A.(C¹)

(C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.2 Switched Transport[□] (Cont'd)(J) Toll Free Data Base Access Service(available with Feature Group D equipped with
out of band signaling)RATEBasic Query Charge
- Per Query

\$.000200*

(C)

Toll Free Data Base Vertical Feature Package (VFP)

(available with Toll Free Data Base Basic Access Service)

RATEVFP Charge
- Per Query

\$.00000*

(K) Alternate Serving Wire Center

per point of termination

Monthly

DS1

\$ 25.00

DS3 (Optical or Electrical)

250.00

[□] Flexibly Priced.* Issued in compliance with the Order of the Federal Communications Commission in
WC Docket No. 18-156, In the Matter of 8YY Access Charge Reform, FCC 20-143,
released October 9, 2020.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rate and Charges (Cont'd)6.9.3 Local SwitchingRates Per Access Minute

Other Than		Toll Free		Terminating	
Toll Free		Data Base		Access Minutes	
Data Base		Access Service*****		Access Minutes*****	
Access Service*****		Originating		Access Minutes*****	
Originating		Access Minutes*****		Access Minutes*****	
Access Minutes		Access Minutes*****		Access Minutes*****	
(A)	<u>MTS</u>				
Lineside BSA	\$0.010331	N/A*****		\$0.000000	
Feature Group A	0.010787	N/A*****		0.000000	
Trunkside BSA-					
950 Option	0.010698	N/A*****		0.000000	
Feature Group B	0.010787	N/A*****		0.000000	
Trunkside BSA-					
101XXXX Option	0.012486	\$0.000000*****	(C)	0.000000	
Feature Group D	0.006212	0.000000*****	(C)	0.000000	
(B)	WATS	0.011859	N/A	*	
(C)	Switched 56 Kilobit Service **			Per Minute	
	Per minute of use			\$0.14	
(D)	<u>Dedicated End Office Trunk Port ****</u>			<u>Monthly Rate</u>	
	Per Month, Per Trunk			\$11.25	
(E)	<u>Shared End Office Trunk Port</u>			<u>Per Minute</u>	
	Per Minute of Use - Other than Toll Free Data				
	Base Access Service***** - Originating			\$0.0015980	
	Per Minute of Use - Toll Free Data				
	Base Access Service - Originating*****			0.000000*****	(C)
	Per Minute of Use - Terminating			0.000000	
(F)	<u>Reserved for Future Use</u>				
(G)	<u>Composite Terminating End Office Charge (CTEOC)</u>			0.000000	

* Rated as MTS minutes of use.

** The Switched 56 Kilobit Service minute-of-use charge applies in addition to the appropriate Trunkside BSA-101XXXX Option or FGD access charges.

**** Rate will only apply to the portion associated with originating usage.

***** Issued in compliance with the Order of the Federal Communications Commission in WC Docket No. 18-156, In the Matter of 8YY Access Charge Reform, FCC 20-143, released October 9, 2020.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.3 Local Switching (Cont'd)

(E) Common Switching Optional Features and BSEs

	<u>FID/USOC</u>	<u>Rate</u>	<u>Nonrecurring Charge</u>	
Call Denial on Line or Hunt Group (available with Lineside BSA and FGA)				(C)
- Per Transmission Path or Transmission Path Group	CAD	None	None	
Service Code Denial on Line or Hunt Group (available with Lineside BSA and FGA)				(C)
- Per Transmission Path or Transmission Path Group	SCD	None	None	
Hunt Group Arrangement (available with Lineside BSA and FGA)				(C)
- Per Transmission Path Group	HML/HTG	None	None	
Hunting Service Arrangements BSE (available with Lineside BSA)				(C)
- Per Line, Per Month	HSHPG	\$0.12 (I)	\$31.00* (I)	
Hunting Service Arrangements: Circular BSE (available with Lineside BSA)				
- Per Line, Per Month	HSCH	0.12 (I)	31.00* (I)	
Hunting Service Arrangements: Preferred BSE (available with Lineside BSA)				
- Per Line, Per Month	HSHP	0.12 (I)	31.00* (I)	

* This charge applies to subsequent activity only.

□ Flexibly Priced.

(C) Indicates change. (I) Indicates increase.

ISSUED MAY 3, 1993.

EFFECTIVE MAY 4, 1993.

By Daniel J. Whelan, Vice-President, 315 N. 2nd St., Harrisburg, Pa.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.3 Local Switching (Cont'd)

(E) Common Switching Optional Features and BSEs (Cont'd)

	<u>FID/USOC</u>	<u>Rate</u>	<u>Nonrecurring Charge</u>	
Uniform Call Distribution Arrangement (available with FGA)				
- Per Transmission Path Group	HTY UD	None	None	
Uniform Call Distribution BSE (available with Lineside BSA)				
- Per Line, Per Month	EH7PG	\$1.70	\$46.00*	
Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement (available with FGA)				
- Per Transmission Path	NHN	None	None	
Automatic Number Identifi- cation (available with FGB and FGD)				
- Per Transmission Path Group	ANI	None	None	
Automatic Number Identifi- cation BSE (available with Trunkside BSA-950 Option and Trunkside BSA- 101XXXX Option)				
- Per Call	ANI	\$.0004	\$67.50*	(C)
Up to 7 Digit Outpulsing of Access Digits to customer (available with Trunkside BSA-950 Option and FGB)				
- Per Transmission Path Group	USDO	None	None	

* This charge applies to subsequent activity only.

□ Flexibly Priced.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.3 Local Switching[□] (Cont'd)

(E) Common Switching Optional Features and BSEs (Cont'd)

	<u>FID/USOC</u>	<u>Rate</u>	<u>Nonrecurring Charge</u>	
Service Class Routing (available with Trunkside BSA-101XXXX				(C)
Option and FGD) - Per Transmission Path Group	SCRT	None	None	
Alternate Traffic Routing (available with Trunkside BSA-950 Option, Trunkside BSA- 101XXXX Option, FGB and FGD)				(C)
- Per Transmission Path Group	ARTG	ICB	ICB	
Trunk Access Limitation Arrangement (available with Trunkside BSA- 101XXXX Option and FGD)				(C)
- Per End Office	CHOK	None	None	
Toll Billing Exception - Per Transmission Path	TBEA	None	None	

[□] Flexibly Priced.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.3 Local Switching (Cont'd)

(E) Common Switching Optional Features and BSEs (Cont'd)

	<u>FID/USOC</u>	<u>Rate</u>	<u>Nonrecurring Charge</u>	
Call Gapping Arrangement (available with Trunkside BSA-101XXXX Option and FGD)				(C)
- Per End Office	CGAP	None	None	
International Carrier Option (available with Trunkside BSA-101XXXX Option and FGD)				(C)
- Per End Office and Access Tandem	INCO	None	None	
Code Screening for use with WATS Service (available with Lineside BSA, Trunkside BSA-950 Option, Trunkside BSA- 101XXXX Option and FGs A, B and D)				(C)
- Per WATS Access Connection	BAND	None	None	
Hunt Group Arrangement for use with WATS Service (available with Lineside BSA, Trunkside BSA-950 Option, Trunkside BSA- 101XXXX Option and FGs A, B and D)				(C)
- Per WATS Service Group	HML/HTG	None	None	
Uniform Call Distribution Arrangement for use with WATS Service (available with Lineside BSA, Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option and FGs A, B and D)				(C)
- Per WATS Service Group	HTY UD	None	None	

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.3 Local Switching (Cont'd)

(E) Common Switching Optional Features and BSEs (Cont'd)

	<u>FID/USOC</u>	<u>Rate</u>	<u>Nonrecurring Charge</u>	
Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for use with WATS Service (available with Lineside BSA, Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option and FGs A, B and D)				(C)
- Per WATS Service Group	NHN	None	None	
Non-Hunt Directory Numbers (BSE) (available with Lineside BSA)				
- Per Group, Per Month	HSGPN	\$0.05	\$24.00*	
Answer Supervision with a Lineside Interface (BSE) (available with Lineside BSA)				
- Per Line, Per Month	USW1X	1.50	31.00	
Three-Way Call Transfer (BSE) (available with Lineside BSA)				
- Per Line, Per Month	EO3	4.50	30.00	
Make Busy Arrangement (BSE) (available with Lineside BSA)				
- Per Group, Per Month	DXV	3.00	43.00	

* This charge applies to subsequent activity only.

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.3 Local Switching (Cont'd)(E) Common Switching Optional Features and BSEs (Cont'd)

	<u>FID/USOC</u>	<u>Rate</u>	<u>Nonrecurring Charge</u>
Charge Number (CN) (available with Trunkside BSA- 101XXXX Option and FGD equipped with out of band signaling) - Per End Office, Per Trunk Group*††	CP3CN	None	None
Calling Party Number (CPN) (available with Trunkside BSA-101XXXX Option and FGD equipped with out of band signaling) - Per End Office, Per Trunk Group*	CF3CP	None	None
Carrier Selection Parameter (CSP)†† (available with Trunkside BSA-101XXXX Option and FGD equipped with out of band signaling) - Per End Office, Per Trunk Group*	CF3CS	None	None
Access Transport Parameter (available with Trunkside BSA-101XXXX Option and FGD equipped with out of band signaling) - Per End Office, Per Trunk Group*††			

(F) Reserved for Future Use

(C)

* Available only on originating Trunkside BSA-101XXXX Option and FGD.

†† Available only at selected Telephone Company switches.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.3 Local Switching ☐ (Cont'd)

(G) Transport Termination Nonchargeable Options

	<u>FID</u>	
(1) Line Side Terminations (For Lineside BSA and FGA)		
Two Way Operation		
- Dial Pulse with Loop Start	NC +++A	
- Dial Pulse with Ground Start	NC +++E	
- DTMF with Loop Start	NC +++F	
- DTMF with Ground Start	NC +++G	
Terminating Operation		
- Dial Pulse with Loop Start	NC +++N	
- Dial Pulse with Ground Start	NC +++P	
- DTMF with Loop Start	NC +++R	
- DTMF with Ground Start	NC +++S	
Originating Operation		
- Loop Start	NC +++U	
- Ground Start	NC +++V	
(2) Trunk Side Terminations (For Trunkside BSA-950 Option, Trunkside BSA- 101XXXX Option, FGB and FGD) Standard Trunk for Originating, Terminating or Two-Way operation (available with Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option, FGB and FGD)	TTC SO TTC ST TTC TY	(C) (C)
Rotary Dial Station Signaling Trunk (available with Trunkside BSA-950 Option and FGB)	TTC RD	
Operator Trunk, Coin, Non-Coin or Combined Coin and Non-Coin	TTC CO	
Operator Trunk, Full Feature Arrangement (available with Trunkside BSA-101XXXX Option and FGD)	TTC FF	(C)

☐ Flexibly Priced.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.3 Local Switching[□] (Cont'd)

(G) Transport Termination Non-Chargeable Options (Cont'd)

FID

(3) Line Side Terminations for
WATS Access Connections

Originating Only Loop Start,
Line Side Connection, with DTMF
Address Signaling

- Per Transmission Path NC +++ R

Originating Only Loop Start,
Line Side Connection, with
Dial Pulse Address Signaling

- Per Transmission Path NC +++N

Originating Only Ground
Start, Line Side Connection,
with DTMF Address Signaling

- Per WATS Access Connection NC +++5

Originating Only Ground Start,
Line Side Connection, with Dial
Pulse Address Signaling

- Per WATS Access Connection NC +++P

Terminating Only Loop Start,
Line Side Connection

- Per WATS Access Connection NC +++U

Terminating Only Ground Start,
Line Side Connection

- Per WATS Access Connection NC +++V

6.9.4 WATS/Toll Free Access Connections

(C)

Monthly rate 2-Wire WATS (only)	\$27.00 per line
Monthly rate 2-Wire Toll Free (only)	33.50 per line
Monthly rate 4-Wire WATS/Toll Free	ICB per line
Installation	\$75.00 per line

(C)

6.9.5 Central Office Service

Rearrangement Charge \$35.00 per line

□ Flexibly Priced

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.9 Rates and Charges (Cont'd)6.9.6 Tandem Access Sectorization (TAS)USOC

Per Trunk, Per Month	\$	1.00	TJN
Nonrecurring Charges			
Initial, Per Customer,			
Per Tandem		5,612.89	
Subsequent, Per Point			
of Termination		913.22	

6.9.7 Carrier Common Line

- Per Terminating Access Minute	.000000
- Per Originating Access Minute -	
Other Than Toll Free Data Base	
Service*	.008004

(C)

* Issued in compliance with the Order of the Federal Communications Commission in WC Docket No. 18-156, In the Matter of 8YY Access Charge Reform, FCC 20-143, released October 9, 2020.

(C)

ACCESS SERVICES

6. Switched Access Service (Cont'd)

6.9 Rates and Charges□

6.9.8 Metallic DNAL*

(C)

		<u>Monthly Rate/Cell</u>			
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
(A) Local Channel					
-	Per termination				
-	two-wire	\$8.00	\$11.00	\$17.00	\$21.00
		<u>Monthly</u>	<u>Nonrecurring Charge</u>		
		<u>Rate</u>	<u>Initial</u>	<u>Additional</u>	
(B) Transmission Function					
-	Per termination #				
<u>Same Wire Center</u>					
-	Metallic for up to 2 or 3 point service	\$.65	\$ 95.00		\$60.00
-	Metallic Equivalent for up to 26 points	2.40	115.00		70.00
<u>Demultiplexed Channels and Different Wire Center</u>					
-	Metallic for up to 2 or 3 point service **	6.65	120.00		75.00
-	Metallic Equivalent for up to 26 points	7.40	150.00		90.00
		<u>Monthly Rate</u>			
		<u>Fixed</u>	<u>Per mile</u>		
(C) Channel Mileage					
<u>Mileage Bands</u>					
Over	0 to 1 mile	\$12.50	-		
Over	1 to 3 miles	11.00	\$4.00		
Over	3 to 5 miles	14.00	4.00		
Over	5 to 15 miles	16.00	4.00		
Over	15 to 25 miles	32.00	3.00		
Over	25 miles	44.00	2.50		

NOTES:

- * Metallic DNAL can only be used with the BSE Make Busy Arrangement.
- # A minimum of two transmission functions apply per service.
- ** Not available as demultiplexed channel.
- Flexibly Priced.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

Regulations formerly contained in this Section are transferred to Tariff Pa.
P.U.C.-No. 304, Special Services.

* Next Tariff Sheet is Sheet 307A

(C)