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13. Additional Engineering, Additional Labor and Miscellaneous Services

When Additional Engineering, Additional Labor or Miscellaneous Services apply to a Special Access Service provided entirely or in part under this tariff, the Additional Engineering, Additional Labor and Miscellaneous Services charges under this tariff will apply. (N) | | (N)

In this section normally scheduled working hours are the Telephone Company's normal business hours, 8 AM to 5 PM, Monday through Friday. Any work occurring outside of these hours, Monday through Friday, will be charged at "Overtime Rates." Any work occurring on Saturday, Sunday, or Holidays will be charged at "Premium Rates."

13.1 Additional Engineering

Additional Engineering will be provided by the Telephone Company at the request of the customer only when:

(A) A customer requests additional technical information after the Telephone Company has already provided the technical information normally included on the Design Layout Report (DLR) as set forth in 6.1.4 and 7.1.6 preceding.

(B) Additional engineering time is incurred by the Telephone Company to engineer a customer's request for a customized service as set forth in 7.2 preceding.

The Telephone Company will notify the customer that additional engineering charges, as set forth in 13.1.1 following, will apply before any additional engineering is undertaken.

13.1.1 Charges for Additional Engineering

The charges for additional engineering are as follows:

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.1 Additional Engineering (Cont'd)

13.1.1 Charges For Additional Engineering (Cont'd)

Additional Engineering Periods	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof	
(A) Basic Time, normally scheduled working hours,	AEH			
Special Access Service, per engineer				
Price Cap		$150.00	$150.00	(D)
All other services, per engineer		150.00	150.00	
(B) Overtime, outside of normally scheduled working hours,	AEH			
Special Access Service, per engineer				
Price Cap		$200.00	$200.00	(D)
All other services, per engineer		200.00	200.00	

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.2 Additional Labor

Additional labor is that labor requested by the customer on a given service and agreed to by the Telephone Company as set forth in 13.2.1 through 13.2.5 following. The Telephone Company will notify the customer that additional labor charges as set forth in 13.2.6 following will apply before any additional labor is undertaken.

(D)

(D)

13.2.1 Overtime Installation

Overtime installation is that Telephone Company installation effort outside of normally scheduled working hours.

13.2.2 Overtime Repair

Overtime repair is that Telephone Company maintenance effort performed outside of normally scheduled working hours.

Charges will not apply when the trouble is determined to be in the Telephone Company facilities or equipment or no trouble is found.

When a dispatch is made to the customer's premises and a trouble is identified which is not the Telephone Company's responsibility, only the charges specified in 13.2.6 following will apply.

13.2.3 Stand By

Stand By includes all time in excess of one-half (1/2) hour during which Telephone Company personnel stand by to make cooperative tests with a customer to verify facility repair on a given service. The charge for Stand By Labor to each customer shall be as specified in 13.2 preceding. (D)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.2 Additional Labor

13.2.4 Testing and Maintenance with Other Telephone Companies (M)

Additional testing, maintenance or repair of facilities which connect to facilities of other telephone companies, which is in addition to normal effort required to test, maintain or repair facilities provided solely by the Telephone Company.

13.2.5 Other Labor

Other labor is that additional labor not included in 13.2.1 through 13.2.4 preceding and labor incurred to accommodate a specific customer request that involves only labor which is not covered by any other section of this tariff. (M)

Certain material on this page formerly appeared on Original page 13-3.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.2 Additional Labor (Cont'd)

13.2.6 Charges for Additional Labor

The charges for additional labor are as follows:

Additional Labor Periods*	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof	
(A) Installation or Repair	ALH			
- Overtime, outside of normally scheduled working hours on a scheduled work day, Special Access Service, per technician				
Price Cap		$200.00	$200.00	(D)
All other services, per technician		200.00	200.00	
- Premium Time, outside of scheduled work day, Special Access Service, per technician	ALH			
Price Cap		$200.00	$200.00	(D)
All other services, per technician		200.00	200.00	

* A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours except for Pennsylvania and Delaware where the minimum is two hours. This indicates only the exception and who it is applicable to.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.2 Additional Labor (Cont'd)

13.2.6 Charges for Additional Labor (Cont'd)

The charges for additional labor are as follows:

Additional Labor Periods*	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof	
(B) Stand by				
- Basic Time, normally scheduled working hours, Special Access Service, per technician	ALT			
Price Cap		None	$60.00	(D)
All other services, per technician		None	60.00	
- Overtime, outside of normally scheduled working hours on a scheduled work day, Special Access Service, per technician	ALT			
Price Cap		None	70.00	(D)
All other services, per technician		None	70.00	
- Premium time, outside of scheduled work day, Special Access Service, per technician	ALT			
Price Cap		None	$80.00	(D)
All other services, per technician		None	80.00	

* A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours except for Pennsylvania and Delaware where the minimum is two hours. This indicates only the exception and who it is applicable to.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.2 Additional Labor (Cont'd)

13.2.6 Charges for Additional Labor (Cont'd)

The charges for additional labor are as follows:

Additional Labor Periods*	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof	
(C) Testing and Maintenance with other telephone companies, or Other Labor				
- Basic Time, normally scheduled working hours, Special Access Service, per technician	ALK			
Price Cap		$150.00	$150.00	(D)
All other services, per technician		150.00	150.00	
- Overtime, outside of normally scheduled working hours on a scheduled work day, Special Access Service, per technician	ALK			
Price Cap		$200.00	$200.00	(D)
All other services, per technician		200.00	200.00	
- Premium time, outside of scheduled work day, Special Access Service, per technician	ALK			
Price Cap		$250.00	$250.00	(D)
All other services, per technician		250.00	250.00	

* A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours except for Pennsylvania and Delaware where the minimum is two hours. This indicates only the exception and who it is applicable to.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services

13.3.1 Reserved for Future Use

13.3.2 Reserved for Future Use

13.3.3 Standard Jacks - Registration Program

Standard jacks are provided by the Telephone Company to connect Registered Equipment to those services that are subject to the Registration Program as set forth in Technical Reference PUB AS No. 1, Issue II. The use of jacks is covered in Part 68 of the F.C.C.'s Rules and Regulations. Specific jacks are described in the document on file with the FCC entitled "Descriptions of Standard Registration Program Connection Configurations Supplementing Configurations Described in Subpart F of Part 68 of the FCC's Rules and Regulations." (C)(x)

These jacks are used to terminate services provided by the Telephone Company. Other services or facilities provided by the Telephone Company or by others may also be terminated in any spare capacity of the jacks remaining after installation without additional charge for the use of such capacity.

The rates and charges which includes installation, for standard jacks and their typical uses are set forth following:

	USOC	Nonrecurring Charges
(A) Standard Voice Jacks		
(1) Miniature six-position jacks for connection of terminal equipment as follows:		
(a) Single line telephone set surface or flush mounted.	RJ11C	$30.00

(x) PUB AS No. 1, Issue II, replaces Publication AS No. 1 in its entirety.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Standard Jacks - Registration Program (Cont'd)

	USOC	Nonrecurring Charges	
(A) Standard Voice Jacks (Cont'd)			
(1) (Cont'd)			
(b) Single line telephone sets wall mounted.	RJ11W	$30.00	(I)
(c) Two-line nonkey telephone sets surface or flush mounted.	RJ14C	30.00	(I)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Standard Jacks - Registration Program (Cont'd)

	USOC	Nonrecurring Charges	
(A) Standard Voice Jacks (Cont'd)			
(1) (Cont'd)			
(d) Single-line bridged 4-wire exchange 2/RT, T1/R1.	RJ1DC	$30.00	(I)
(e) Two line nonkey telephone sets wall mounted.	RJ14W	30.00	(I)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Standard Jacks - Registration Program (Cont'd)

	USOC	Nonrecurring Charges	
(A) Standard Voice Jacks (Cont'd)			
(1) (Cont'd)			
(f) Special single line equipment for use in hospital critical care areas.	RJ17C	$30.00	(I)
(g) 9DB single line data equipment with mode indication and mode indication common leads. This jack is normally used in association with a series jack.	RJ16X	30.00	(I)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Standard Jacks - Registration Program (Cont'd)

	USOC	Nonrecurring Charges	
(A) Standard Voice Jacks (Cont'd)			
(1) (Cont'd)			
(h) Three line non-key telephone sets and ancillary devices.	RJ25C	$ 30.00	(I)
(i) Single-line non-key telephone and ancillary devices connected directly to central office lines where there is a requirement for make-busy:			
- Portable wall mounted equipment	RJ18W	30.00	(I)
- All other	RJ18C	30.00	(I)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Standard Jacks - Registration Program (Cont'd)

	USOC	Nonrecurring Charges	
(A) Standard Voice Jacks (Cont'd)			
(2) 50 Position Miniature Ribbon for connection of multiline terminating equipment and channel derivation devices as follows:			
(a) For connection to 2-Wire tie trunks E&M type I signaling. (12 line capacity)	RJ2EX	$108.00	(I)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Standard Jacks - Registration Program (Cont'd)

	USOC	Nonrecurring Charges	
(A) Standard Voice Jacks (Cont'd)			
(2) (Cont'd)			
(b) For connection to 4-Wire tie trunks E&M type I signaling. (8 line capacity)	RJ2GX	$108.00	(I)
(c) For connection to 2-Wire tie trunks E&M type II signaling. (8 line capacity)	RJ2FX	108.00	(I)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Standard Jacks - Registration Program (Cont'd)

	USOC	Nonrecurring Charges	
(A) Standard Voice Jacks (Cont'd)			
(2) (Cont'd)			
(d) For connection to 4-Wire tie trunks E&M type II signaling. (6 line capacity)	RJ2HX	$108.00	(I)
(e) For connection to off-premises station lines. (25 line capacity)	RJ21X	108.00	(I)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Standard Jacks - Registration Program (Cont'd)

	USOC	Nonrecurring Charges	
(A) Standard Voice Jacks (Cont'd)			
(2) (Cont'd)			
(f) For use with series devices such as toll restrictors (12 line capacity)	RJ71C	$108.00	(I)
(g) For connections of up to 12 line bridged 4-wire exchange 2/RT, T1/R1.	RJ2DX	108.00	(I)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Standard Jacks - Registration Program (Cont'd)

	USOC	Nonrecurring Charges	
(A) Standard Voice Jacks (Cont'd)			
(2) (Cont'd)			
(h) For connection of 2-12 nonkey telephone and ancillary devices connected directly to central office lines where there is a requirement for make-busy.	RJ2MB	$108.00	(I)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Standard Jacks - Registration Program (Cont'd)

	USOC	Nonrecurring Charges	
(A) Standard Voice Jacks (Cont'd)			
(3) Series Jacks for connection of terminal equipment as follows:			
(a) Single line alarm reporting devices.	RJ31X	$72.00	(I)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Standard Jacks - Registration Program (Cont'd)

	USOC	Nonrecurring Charges	
(A) Standard Voice Jacks (Cont'd)			
(4) Miniature Eight-Position Series Jack for connection of alarm reporting devices.	RJ38X	$72.00	(I)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Standard Jacks - Registration Program (Cont'd)

	USOC	Nonrecurring Charges	
(A) Standard Voice Jacks (Cont'd)			
(5) Weatherproof Jack for use with single line telephone sets used at locations such as boats and marinas.	RJ15C	$72.00	(I)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Standard Jacks - Registration Program (Cont'd)

	USOC	Nonrecurring Charges	
(B) Standard Data Jacks			
(1) Universal Data Jack for use in connecting fixed loss loop (FLL) and programmed (P) types of data equipment. (1 line capacity)	RJ41S	$72.00	(I)
(2) Programmed Data Jack for use in connecting programmed data equipment. (1 line capacity)	RJ45S	72.00	(I)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Standard Jacks - Registration Program (Cont'd)

	USOC	Nonrecurring Charges	
(B) Standard Data Jacks (Cont'd)			
(3) Multiple Line Universal Data Jack for use in connecting fixed loss loop (FLL) and programmed (P) types of data equipment. This jack will terminate up to eight lines. The selection of this jack requires the use of the equipment listed following.	RJ26X	$160.00	
(a) Multiple Line Universal Data Jack Circuit Cards. For use with RJ26X. One circuit card per circuit required.	RJ26S	72.00	(I)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Standard Jacks - Registration Program (Cont'd)

	USOC	Nonrecurring Charges	
(B) Standard Data Jacks (Cont'd)			
(3) (Cont'd)			
(b) Multiple Line Universal Data Jack Mounting options. For use with RJ26X. One required per RJ26X.	RJM3X	$72.00	(I)
- Wall Mounting with cover.			
- Rack Mounting (19 inch or 23 inch)	RJM4X	72.00	(I)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Standard Jacks - Registration Program (Cont'd)

	USOC	Nonrecurring Charges	
(B) Standard Data Jacks (Cont'd)			
(4) Miniature (Eight-Position Keyed Jack for connection of local area data channels and/or Digital Data Access Services.	RJ48S	$72.00	(I)
(5) Miniature Fifty-Position Ribbon Jack for connection of local area data channels and/or Digital Data Access Services.*	RJ48T	72.00	(I)

* The Telephone Company will wire the lines to the jack in the sequence designated by the customer.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.3 Standard Jacks - Registration Program (Cont'd)

	USOC	Nonrecurring Charges	
(C) Standard Digital Jacks			
(1) Miniature (Eight-Position Jack for connection of 1.544 Mbps Digital	RJ48C	$72.32	(I)
(2) Miniature Eight-Position Jack with Shorting Bars for connection of 1.544 Mbps Digital Services.	RJ48X	72.32	(I)
(3) Miniature Fifty-Position Ribbon Jack for connection of 1.544 Mbps Digital Services.*	RJ48M	72.32	(I)

* The Telephone Company will wire the lines to the jacks in the sequence designated by the customer.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services

Testing Services offered under this section of the tariff are optional and subject to rates and charges as set forth in 13.3.4(C) following. Other testing services provided by the Telephone Company in association with Access Services are furnished at no additional charge. These other testing services are described in 6.1.5 and 7.1.7 preceding.

Testing services are normally provided by Telephone Company personnel at Telephone Company locations. However, provisions are made in (A)(5) and (B)(1) and (2) following for a customer to request Telephone Company personnel to perform testing services at the customer's premises.

The offering of Testing Services under this section of the tariff is made subject to the availability of the necessary qualified personnel and test equipment at the various test locations mentioned in (A), (B) and (C) following:

(A) Switched Access Service

Testing Services for Switched Access are comprised of (a) tests which are performed during the installation of a Switched Access Service, and (b) tests which are performed after acceptance of such access services by a customer, i.e., in-service tests. These in-service tests may be further divided into two broad categories of tests: scheduled and nonscheduled.

Scheduled tests are those tests performed by the Telephone Company on a regular basis, e.g., monthly, which result in the measurement of Switched Access Service. Scheduled tests may be done on an automatic basis (no Telephone

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(A) Switched Access Service (Cont'd)

Company or customer technicians involved, on a cooperative basis (Telephone Company technician(s) involved at Telephone Company office(s) and customer technician(s) involved at customer's premises), or a manual basis (Telephone Company technician(s) involved at Telephone Company office(s) and at customer's premises).

Nonscheduled tests are performed by the Telephone Company "on demand", which result in the measurement of Switched Access Service. Nonscheduled tests may involve Telephone Company technicians at Telephone Company offices and at the customer's premises.

(1) Additional Cooperative Acceptance Testing

Additional Cooperative Acceptance Testing (ACAT) of Switched Access Service involves the Telephone Company provision of a technician at its office(s) and the customer provides a technician at its premises, with suitable test equipment to perform the required tests.

Additional Cooperative Acceptance Tests may, for example, consist of the following tests:

- Impulse Noise
- Phase Jitter
- Signal to C-Notched Noise Ratio
- Intermodulation (Nonlinear) Distortion
- Frequency Shift (Offset)
- Envelope Delay Distortion
- Dial Pulse Percent Break

(2) Reserved for Future Use

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(A) Switched Access Service (Cont'd)

(3) Cooperative Scheduled Testing

Cooperative Scheduled Testing (CST) of Switched Access Services (Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and Feature Groups B and D and Directory Access Service not routed through an access tandem), where the Telephone Company provides a technician at its office(s) and the customer provides a technician at its premises, with suitable test equipment to perform the required tests, will consist of quarterly loss and C-message noise tests, and annual balance tests. However, the customer may specify a more frequent schedule of tests. In addition to the loss/noise/balance measurements, the customer may also order, at additional charges, gain-slope and C-notched noise testing. (D) (D)

The Telephone Company will provide, on a quarterly basis, a CST report that lists the test results for each trunk tested. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(A) Switched Access Service (Cont'd)

(4) Manual Scheduled Testing

Manual Scheduled Testing (MST) of Switched Access Services (Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and Feature Groups B, D and Directory Access Service not routed through an access tandem), where the Telephone Company provides a technician at its office(s) and at the customer's premises, will consist of quarterly loss and C-message noise tests, and annual balance tests. However, the customer may specify a more frequent schedule of tests. In addition to the loss/noise/balance tests, the customer may also order, at additional charges, gain-slope and C-notched noise testing.

The Telephone Company will provide, on a quarterly basis, an MST report that lists the test results for each trunk tested. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(A) Switched Access Service (Cont'd)

(5) Nonscheduled Testing

Nonscheduled Testing (NST) of Switched Access Services is where:

- the customer provides remote office test lines and 105 test lines with associated responders or their functional equivalent ("automatic testing"), or

- the Telephone Company provides a technician at its office(s) and the customer provides a technician at its premises, with suitable test equipment to perform the required tests ("cooperative testing"), or

- the Telephone Company provides a technician at its office(s), and/or at the customer's premises with suitable test equipment to perform the required tests ("manual testing").

Nonscheduled Tests may consist of any tests, e.g., loss, noise, slope, envelope delay, which the customer may require.

(6) Obligations of the Customer

(A) The customer shall provide the Remote Office Test Line priming data to the Telephone Company, as appropriate, to support NST as set forth in 13.3.4(A)(5) preceding.

(B) The customer shall make the facilities to be tested available to the Telephone Company at times mutually agreed upon.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(B) Special Access Service

The Telephone Company will, at the request of a customer, provide assistance in performing specific tests requested by the customer.

(1) Additional Cooperative Acceptance Testing (ACAT)

When a customer provides a technician at its premises or at an end user's premises, with suitable test equipment to perform the requested tests, the Telephone Company will provide a technician at its office for the purpose of conducting Additional Cooperative Acceptance Testing of voice grade services. At the customer's request, the Telephone Company will provide a technician at the customer's premises or at the end user premises. These tests may, e.g., consist of the following:

- Attenuation Distortion (i.e., frequency response)
- Intermodulation Distortion (i.e., harmonic distortion)
- Phase Jitter
- Impulse Noise
- Envelope Delay Distortion
- Echo Control
- Frequency Shift

(2) Nonscheduled Testing (NST)

When a customer provides a technician at its premises, with suitable test equipment to perform the required tests, the Telephone Company will provide a technician at its office for the purpose of conducting Nonscheduled Testing. At the customer's request, the Telephone Company will provide a technician at the customer's premises. Nonscheduled tests may consist of any tests, e.g., loss, noise, slope, envelope delay, which the customer may require.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(B) Special Access Service (Cont'd)

(3) Obligation of the Customer

When the customer subscribes to Testing Service as set forth in this section, the customer shall make the facilities to be tested available to the Telephone Company at times mutually agreed upon.

(C) Rates and Charges

(1) Switched Access

(a) Additional Cooperative Acceptance Testing

Testing Periods	USOC	First Half Hour or Fraction Thereof		Each Additional Half Hour or Fraction Thereof	
Basic Time, normally scheduled working hours, per technician	UBC+	$150.00	(I)	$150.00	(I)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(1) Switched Access (Cont'd)

(a) Additional Cooperative Acceptance Testing* (Cont'd)

Testing Periods	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
Overtime, outside of normally scheduled working hours on a scheduled work day per technician	UBC+	$200.00 (I)	$200.00 (I)
Premium Time, outside of scheduled work day, per technician	UBC+	250.00 (I)	250.00 (I)

* A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours except for Pennsylvania and Delaware where the minimum is two hours. This indicates only the exception and who it is applicable to.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(1) Switched Access (Cont'd)

(b) Reserved for Future Use

(c) Cooperative Scheduled Testing (CST)

The three tests as set forth in (I) following represent the minimum offering, i.e., an order for testing must, at a minimum, consist of four 1004 Hz Loss Tests per transmission path, four C- Message Noise Tests per transmission path and one Return Loss (Balance) Test per transmission path, per year. The Additional Tests as set forth in (II) following may be ordered by the customer at additional charges, 60 days prior to the start of the customer prescribed schedule. The customer also may specify a more frequent schedule of tests 60 days prior to the start of the customer prescribed schedule.

To First Point of Switching	USOC	Rates
(I) Basic Tests# 1004 Hz Loss Tests performed within a one year period, per test ordered, per transmission path	UBSXA	$8.02

Subject to a one year minimum contract period, and annually thereafter.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(1) Switched Access (Cont'd)

(c) Cooperative Scheduled Testing (CST) (Cont'd)

To First Point of Switching	USOC	Rates
(I) Basic Tests# (Cont'd)		
C-Message Noise Tests performed within a one year period, per test ordered, per transmission path	UBSXB	$3.52
Return Loss (Balance) Tests performed within a one year period, per test ordered, per transmission path	UBSXC	9.20

Subject to a one year minimum contract period, and annually thereafter.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(1) Switched Access (Cont'd)

(c) Cooperative Scheduled Testing (CST) (Cont'd)

To First Point of Switching	USOC	Rates
(II) Additional Tests		
Gain-Slope Tests performed within a one year period, per test ordered, per transmission path	UBSXD	$6.13
C-Notched Noise Tests performed within a one year period, per test ordered, per transmission path	UBSXE	4.36

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(1) Switched Access (Cont'd)

(c) Cooperative Scheduled Testing (CST) (Cont'd)

To First Point of Switching	USOC	Rates

(III) Example

A customer schedules 6 1004 Hz Loss Tests, 6 C-Message Noise Tests and 4 Return Loss Tests on one trunk for a year. The charges will be computed as follows:

```
   6 x 4.00 = $24.00
  +6 x 3.00 =  18.00
  +4 x 1.00 =   4.00
              $46.00 per trunk
```

(d) Manual Scheduled Testing (MST)

The three tests as set forth in (I) following represent the minimum offering, i.e., an order for testing must, at a minimum, consist of four 1004 Hz Loss Tests per transmission path, four C-Message noise Tests per transmission path and one Return Loss (Balance) Test per transmission path, per year. The Additional Tests as set forth in (II) following may be ordered by the customer, at additional charges, 60 days prior to the start of the customer prescribed schedule. The customer also may specify a more frequent schedule of tests 60 days prior to the start of the customer prescribed schedule.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(1) Switched Access (Cont'd)

(d) Manual Scheduled Testing (MST) (Cont'd)

To First Point of Switching	USOC	Rates
(I) Basic Tests#		
1004 Hz Loss Tests performed within a one year period, per test ordered, per transmission path	UBMXA	$16.69
C-Message Noise Tests performed within a one year period, per test ordered, per transmission path	UBMXB	12.25

Subject to a one year minimum contract period, and annually thereafter.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(1) Switched Access (Cont'd)

(d) Manual Scheduled Testing (MST) (Cont'd)

To First Point of Switching	USOC	Rates
(I) Basic Tests# (Cont'd)		
Return Loss (Balance) Tests performed within a one year period, per test ordered, per transmission path	UBMXC	$27.44

Subject to a one year minimum contract period, and annually thereafter.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(1) Switched Access (Cont'd)

(d) Manual Scheduled Testing (MST) (Cont'd)

To First Point of Switching	USOC	Rates
(II) Additional Tests		
Gain-Slope Tests performed within a one year period, per test ordered, per transmission path	UBMXD	$15.51
C-Notched Noise Test performed within a one year period, per test ordered, per transmission path	UBMXE	$11.92
(III) Example		
See (c) (III) preceding.		

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(1) Switched Access (Cont'd)

(e) Nonscheduled Testing (NST)

Automatic Testing:

To First Point of Switching	USOC	Nonrecurring Charges
1004 Hz Loss, per test performed	USCXA	$15.75
C-Message Noise, per test performed	USCXB	15.75

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(1) Switched Access (Cont'd)

(e) Nonscheduled Testing (NST)

Automatic Testing:

To First Point of Switching	USOC	Nonrecurring Charges
Return Loss (Balance), per test performed	USCXC	$15.75

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(1) Switched Access (Cont'd)

(e) Nonscheduled Testing (NST) (Cont'd)

Automatic Testing: (Cont'd)

To First Point of Switching	USOC	Nonrecurring Charges
Gain-Slope, per test performed	USCXD	$15.75
C-Notched Noise, per test performed	USCXE	15.75

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(1) Switched Access (Cont'd)

(e) Nonscheduled Testing (NST) (Cont'd)

Cooperative Testing:

Testing Periods	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
Basic Time, normally scheduled working hours, per technician	USS	$150.00 (I)	$150.00 (I)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(1) Switched Access (Cont'd)

(e) Nonscheduled Testing (NST)* (Cont'd)

Cooperative Testing:

Testing Periods	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	USS	$200.00 (I)	$ 200.00 (I)

* A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours except for Pennsylvania and Delaware where the minimum is two hours. This indicates only the exception and who it is applicable to.

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(1) Switched Access (Cont'd)

(e) Nonscheduled Testing (NST) (Cont'd)

Cooperative Testing: (Cont'd)

Testing Periods	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
Premium Time, outside of scheduled work day, per technician	USS	$250.00 (I)	$250.00 (I)

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(1) Switched Access (Cont'd)

(e) Nonscheduled Testing (NST) (Cont'd)

Manual Testing:

Testing Periods	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
Basic Time, normally scheduled working hours, per technician	USM	$150.00 (I)	$150.00 (I)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(1) Switched Access (Cont'd)

(e) Nonscheduled Testing (NST)* (Cont'd)

Manual Testing:

Testing Periods	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	USM	$200.00 (I)	$200.00 (I)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(1) Switched Access (Cont'd)

(e) Nonscheduled Testing (NST) (Cont'd)

Manual Testing: (Cont'd)

Testing Periods	USOC	First Half Hour or Fraction Thereof		Each Additional Half Hour or Fraction Thereof	
Premium Time, outside of scheduled work day, per technician	USM	$250.00	(I)	$250.00	(I)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(2) Special Access

(a) Additional Cooperative Acceptance Testing (ACAT)

Testing Periods	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof	
Basic Time, normally scheduled working hours, per technician	SNT			(T)
Price Cap		$150.00	$150.00	(D)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(2) Special Access

(a) Additional Cooperative Acceptance Testing (ACAT) (Cont'd)

Testing Periods*	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	SNT		
Price Cap		$200.00	$200.00

(D)

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(2) Special Access (Cont'd)

(a) Additional Cooperative Acceptance Testing (ACAT) (Cont'd)

Testing Periods*	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
Premium Time, outside of scheduled work day, per technician	SNT		
Price Cap		$250.00	$250.00

(D)

* A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours except for Pennsylvania and Delaware where the minimum is two hours. This indicates only the exception and who it is applicable too.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(2) Special Access (Cont'd)

(b) Nonscheduled Testing (NST)

Testing Periods	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
Basic Time, normally scheduled working hours, per technician	SNO		
Price Cap		$150.00	$150.00 (D)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(2) Special Access (Cont'd)

(b) Nonscheduled Testing (NST) (Cont'd)

Testing Periods*	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	SNO		
Price Cap		$200.00	$200.00

(D)

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Testing Services (Cont'd)

(C) Rates and Charges (Cont'd)

(2) Special Access (Cont'd)

(b) Nonscheduled Testing (NST) (Cont'd)

Testing Periods*	USOC	First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof
Premium Time, outside of scheduled work day, per technician	SNO		
Price Cap		$250.00	$250.00

(D)

* A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours except for Pennsylvania and Delaware where the minimum is two hours. This indicates only the exception and who it is applicable too.

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Protective Connecting Arrangements

The following Protective Connecting Arrangements (PCAs) are grandfathered and are offered subject to on-the-shelf availability:

Description	USOC	Monthly Rates	Nonrecurring Charges	
Automatic PCA with a contact type signaling interface for 2 or 4-wire voice-grade connections of CPE communications systems to Telephone Company Special Access Services				
States of Maryland, Virginia, and the District of Columbia	PAJ++	ICB	ICB	(D)
State of Delaware	CDQ	$ 5.85	$ 7.80	
State of New Jersey	CDQ	$11.34	$ 10.55	
State of Pennsylvania	CDQ	$ 5.85	$ 7.80	
Automatic PCA for connection of a customer, authorized user or joint user provided communications system arranged for CPE dial or automatic channel signaling, to a Telephone Company Special Access Service.				
States of Maryland, Virginia, and the District of Columbia	PAT++	ICB		(D)
State of Delaware	C234W	$10.10	$ 87.15	
State of New Jersey		Not Available		
State of Pennsylvania	C234W	$10.10	$ 87.15	

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Protective Connecting Arrangements (Cont'd)

Description	USOC	Monthly Rates	Nonrecurring Charges	
PCA for connection of CPE answering or recording equipment to Telephone Company Access Services, for one-way voice transmission in each direction but not simultaneously. Recording of two-way conversations is prevented, by the PCA				
States of Maryland, Virginia, and the District of Columbia	PBW++	ICB	ICB	(D)
State of Delaware	RDL	$5.50	$ 31.25	
State of New Jersey	RDL	$3.96	$ 15.83	
State of Pennsylvania	RDL	$5.50	$ 31.25	
For termination of CPE tie lines, with CPE channel signaling, in Centrex systems 4-wire				
States of Maryland, Virginia, and the District of Columbia	PD8++	ICB	ICB	(D)
State of Delaware	C2H	$7.20	$ 21.60	
State of New Jersey		Not Available		
State of Pennsylvania	C2H	$7.20	$ 21.60	

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Protective Connecting Arrangements (Cont'd)

Description	USOC	Monthly Rates	Nonrecurring Charges	
Automatic PCA used to connect Telephone Company Switched Access Service arranged for two-way combination service to and from the attendant position and from the dial switching equipment of a CPE system.				
States of Maryland, Virginia, and the District of Columbia	PDS++	ICB	ICB	(D)
State of Delaware	CDH	$10.45	$ 39.05	
State of New Jersey	CDH	$ 5.81	$ 10.55	
State of Pennsylvania	CDH	$10.45	$ 39.05	

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Protective Connecting Arrangements (Cont'd)

Description	USOC	Monthly Rates	Nonrecurring Charges	
PCA which provides for connection of CPE automatic telephone answering devices to Telephone Company Access Services by means of a 2-wire interface.				
States of Maryland, Virginia, and the District of Columbia	PA6++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	GTS	$ 2.43	$15.83	
State of Pennsylvania		Not Available		
PCA for use with CPE answer-only equipment where two-way transmission is required.				
States of Maryland, Virginia, and the District of Columbia	PFZ++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	RDMZR	$ 5.02	$21.10	
State of Pennsylvania		Not Available		

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Protective Connecting Arrangements (Cont'd)

Description	USOC	Monthly Rates	Nonrecurring Charges	
Same application as above with voice control disconnect and automatic receive volume limiting				
States of Maryland, Virginia, and the District of Columbia	PF9++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	RDY	$ 6.60	$21.10	
State of Pennsylvania		Not Available		

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Protective Connecting Arrangements (Cont'd)

Description	USOC	Monthly Rates	Nonrecurring Charges	
PCA for use with CPE to provide data on PBX trunks. Also requires standard PBX trunk PCA.				
States of Maryland, Virginia, and the District of Columbia	PGA++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	CBF	$ 2.83	$25.00	
State of Pennsylvania		Not Available		
PCA to permit connection of CPE message registers to Telephone Company Switched Access Service for indications of message registration for outgoing calls over the associated central office trunks.				
States of Maryland, Virginia, and the District of Columbia	PG8++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	CEK	$ 2.11	$21.10	
State of Pennsylvania		Not Available		

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Protective Connecting Arrangements (Cont'd)

Description	USOC	Monthly Rates	Nonrecurring Charges	
Alarm coupler for use with rotary dial, one-way transmission CPE alarm signaling device.				
States of Maryland, Virginia, and the District of Columbia	PGH++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	CAU	$ 2.11	$21.10	
State of Pennsylvania		Not Available		

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Protective Connecting Arrangements (Cont'd)

Description	USOC	Monthly Rates	Nonrecurring Charges	
PCA to permit the connection of CPE to Telephone Company Switched Access Service arranged for 2-way service, i.e., outward dialing by hotel/ motel guests and rering by the operator of the IC long distance switchboard (the equivalent of a toll terminal)				
States of Maryland, Virginia, and the District of Columbia	PDA++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	CED	$ 4.22	$21.10	
State of Pennsylvania		Not Available		
PCA used for automatic connection of CPE voice transmitting and/or receiving terminal equipment to Telephone Company Switched Access Service.				
States of Maryland, Virginia, and the District of Columbia		ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	C2ACP	$ 6.60	$26.37	
State of Pennsylvania		Not Available		

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Protective Connecting Arrangements (Cont'd)

Description	USOC	Monthly Rates	Nonrecurring Charges	
PCA to provide for connection of CPE terminal equipment to Telephone Company Switched Access Service via 3-way interface.				
States of Maryland, Virginia, and the District of Columbia	PDJ++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	STC	$ 6.60	$21.10	
State of Pennsylvania		Not Available		

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Protective Connecting Arrangements (Cont'd)

Description	USOC	Monthly Rates	Nonrecurring Charges	
PCA for connection of CPE voice communications systems and/or terminal equipment via 2-wire interface to Telephone Company Switched Access Service (only loop start trunks not equipped for toll diversion).				
States of Maryland, Virginia, and the District of Columbia	PDK++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	STC	$ 5.40	$30.83	
State of Pennsylvania		Not Available		
Manual PCA used to connect a cord switchboard position of a CPE system, which provides supervisory signals to Telephone Company Switched Access Service.				
States of Maryland, Virginia, and the District of Columbia	PDB++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	CDA	$ 2.90	$10.55	
State of Pennsylvania		Not Available		

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Protective Connecting Arrangements (Cont'd)

Description	USOC	Monthly Rates	Nonrecurring Charges	
Automatic PCA used to connect Telephone Company Switched Access Service arranged for one-way incoming service to the attendant position of a CPE system.				
States of Maryland, Virginia, and the District of Columbia	PDV++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	CD6	$ 3.69	$10.55	
State of Pennsylvania		Not Available		
			ICB	
			ICB	

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Protective Connecting Arrangements (Cont'd)

Description	USOC	Monthly Rates	Nonrecurring Charges	
Automatic PCA used to connect Telephone Company Switched Access Service arranged for two-way combination service to and from the attendant position and from the dial switching equipment of a CPE system.				
States of Maryland, Virginia, and the District of Columbia	PDS++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	CDH	$ 5.81	$10.55	
State of Pennsylvania		Not Available		
Automatic PCA used to connect Telephone Company Switched Access Service arranged for one-way outgoing service from the attendant position of a CPE system.				
States of Maryland, Virginia, and the District of Columbia	PDZ++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	CD7	$ 4.22	$10.55	
State of Pennsylvania		Not Available		

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Protective Connecting Arrangements (Cont'd)

Description	USOC	Monthly Rates	Nonrecurring Charges	
Automatic PCA used to connect Telephone Company Switched Access Service arranged for one-way outgoing service from the dial switching equipment of a CPE system.				
States of Maryland, Virginia, and the District of Columbia	PFA++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	CD8	$ 4.22	$10.55	
State of Pennsylvania		Not Available		

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Protective Connecting Arrangements (Cont'd)

Description	USOC	Monthly Rates	Nonrecurring Charges	
Automatic PCA used to connect Telephone Company Switched Access Service arranged for two-way service to and from the attendant position of a CEP system.				
States of Maryland, Virginia, and the District of Columbia	PFM++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	CD9	$ 5.81	$10.55	
State of Pennsylvania		Not Available		
PCA used for automatic connection of CPE voice transmitting and/or receiving terminal equipment bridged to Telephone Company Switched Access Service.				
States of Maryland, Virginia, and the District of Columbia	PFP++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	C2AKS	$ 7.91	$26.37	
State of Pennsylvania		Not Available		

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Protective Connecting Arrangements (Cont'd)

Description	USOC	Monthly Rates	Nonrecurring Charges	
Automatic PCA used to connect Telephone Company Switched Access Service arranged for one-way service, i.e., outward dialing by hotel/motel guests to the operator position (the equivalent of a toll terminal).				
States of Maryland, Virginia, and the District of Columbia	PFV++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	CET	$ 4.22	$21.10	
State of Pennsylvania		Not Available		

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Protective Connecting Arrangements (Cont'd)

Description	USOC	Monthly Rates	Nonrecurring Charges	
PCA to provide for connection of CPE originate-only or originate and answer terminal equipment.				
States of Maryland, Virginia, and the District of Columbia	PFV++	ICB	ICB	(D)
State of Delaware		Not Available		
State of New Jersey	SU6AQ	$ 5.02	$21.10	
State of Pennsylvania		Not Available		

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.6 Provision of Access Service Billing Information

(A) The customer, upon request, has the option of receiving its primary monthly access bill and Customer Service Record (CSR) in one of the following standard medium, at no charge:

(1) Paper
(a) Detailed paper bill

(2) Bill Data Record
(a) Electronic Data Transmission
(b) storage device (CD ROM)# (T)

(B) In addition to the customer's primary monthly access bill, the customer will be provided, upon request, an abbreviated paper bill, at no additional charge.

(C) At the option of the customer, and for an additional charge as set forth in 13.3.6(H) following:

(1) Additional hard copies of the monthly access bill or service and features record may be provided on paper.

(2) Additional Bill Data Record information may be transmitted to the customer premises by electronic data transmission.

(3) Additional Bill Data Record information may be provided on a storage device (CD ROM).

(D) The rules and regulations concerning payment arrangements and credit allowances described in Section 2.4 preceding applies to all primary monthly access bills, regardless of the chosen bill medium.

Effective February 20, 2019, the CD-ROM medium is no longer available for any new customer requests. The Telephone Company will continue to provide the CD-ROM medium pursuant to this Section 13.3.6 to existing customers until (a) the customer selects another medium; or (b) the Telephone Company discontinues offering the CD-ROM medium. (N)

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.6 Provision of Access Service Billing Information (Cont'd)

(E) Upon acceptance by the Telephone Company of a request for a change in the existing medium of the primary monthly access bill data, and for an additional electronic data transmission, the Telephone Company, in cooperation with the customer, will determine the interval required to implement the transmission of such material on an individual request basis. (D)

The customer requesting electronic data transmission shall be responsible for providing a data transmission system compatible with the Telephone Company transmission facilities.

(F) Regulations regarding electronic data transmission failure will apply as follows:

(1) In the event of transmission failure resulting from Telephone Company error, the Telephone Company will re-send a bill by electronic data transmission at no charge to the customer. The bill payment due date will be negotiated between Telephone Company and customer for this bill.

(2) In the event of transmission failure resulting from failure of the customer's transmission line or other customer error, the Telephone Company will re-send a bill by electronic data transmission at the same rates and charges as a request for an additional copy of the access bill as set forth in 13.3.6(H) following. (D)

(G) This service may not be available for non-access rates and charges. (D)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.6 Provision of Access Service Billing Information (Cont'd)

(H) The rates and charges for the provision of Access Service Billing Information are as follows:

		USOC	Rates	
(1)	Additional hard copies of the customer's monthly bill or service and features record on paper,			
	per page	AED	$0.0599	
(2)	Additional Electronic Data Transmission to a customer's premises of Bill Data Record information,			
	per record* transmitted	VRT	$0.0080	
(3)	Additional copies of Bill Data Record information on a storage device (CD ROM)#,			(T)
	per device	RM8	$25.47	

Availability is limited. Refer to # footnote on Page 13-71. (N)

* A record is comprised of 225 bytes.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.7 Reserved for Future Use (C)

(D)

(D)

(D)

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.8 Reserved for Future Use (C)

(D)

(D)

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(T)
(T)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

(D)

(D)

(T)
(T)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

(D)

(D)

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(T)
(T)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

(D)
(D)

13.3.9 Originating Line Screening (OLS) Information

OLS Service provides information concerning the nature of the subscriber's line from which a call originates. OLS service sends a two digit code with the Automatic Number Identification (ANI) at the beginning of the call to the Interexchange Carrier (IXC) or the Operator Service Provider (OSP). The IXC or OSP customer can use the information about the nature of the Originating location (e.g., prison or private payphone) to determine whether to allow the call to be billed to the originating line or require another form of payment, such as calling card. The two digits sent are either from the basic set of Automatic Number Identification Information (ANIii), as specified in Section 6 preceding, or from the enhanced OLS information indicators set provided through Flexible ANI.

Aggregators may contact their Telephone Company Business Office to verify the information indicator digits associated with their lines. This confirmation service is offered at no charge.

13.3.10 International Blocking

An optional service available, where facilities permit, in Telephone Company electronic end offices. This service provides end office blocking of direct-dialed 011+ and 101XXXX-011+ calls by routing such calls to a recorded announcement. This service is available for use with line side services located in Section 6 and for line side services offered in the Telephone Company's local or general exchange tariffs that are provided to business customers and to customers for the provision of telephones to transient members of the public or to transient users of an aggregators' premises.

(A) Rates and charges

	USOC	Nonrecurring Charge
International Blocking		
- per line/per Trunk	RTVXO	$20.00

(T)
(T)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.11 Billing Name and Address (BNA) for Automatic Number Identification (ANI) for Listed and Non-Published/Non-Listed Customers

BNA for ANI Service provides for end user or local providers billing name and address and associated information. It is available to Interstate Telecommunications providers such as interexchange carriers, operator service providers, enhanced service providers, and any other provider of telecommunications services. (x)

The Telecommunication providers can request billing name and address information for the telephone numbers associated with the ANI they recorded for calling card, third number, sent-paid, collect, or access code calls made by Telephone Company subscribers. (x)

Telecommunications Providers will not receive BNA information for Customers who are not presubscribed to them when these customers request that their name and address not be disclosed. If the customer subscribes to a telecommunication provider's discount plan through access code dialing, the BNA will be released if the customer has made a call on the provider's network. (x)

The Telecommunication providers must send their requests for billing name and address using the national Industry Standard Interface (ISI) - Customer Account Record Exchange (CARE) record. The billing name and address information will be provided by the Telephone Company in accordance with the same industry standard. The CARE standards are designed to provide a mechanized format for the data exchange requirements of Telecommunication providers for the customer information necessary for equal access. (x)

The Telecommunication providers are responsible for providing all necessary equipment or supplemental services for the transmission or receipt of BNA. (x)

(x)
|
|
|
(x)

If the BNA provided is not usable because of the Telephone Company's acts or omissions, the Telephone Company will resubmit the information within ten days of the original submission without additional cost to the Telecommunication providers. (x)

(x) Issued under authority of Special Permission No. 04-080 of the Federal Communications Commission in order to withdraw pending material and reinstate material currently in effect

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.11 Billing Name and Address (BNA) for Automatic Number Identification (ANI) for Listed and Non-Published/Non-Listed Customers (Cont'd)

The BNA information provided to the Telecommunication provider shall not be used for any purpose other than the following: 1. Billing customers for using telecommunications services of that service provider and collecting amounts due; 2. Any purpose associated with equal access requirement of the United States vs. AT&T, 552 F. Supp. 131 (D.D.C. 1982); 3. Verification of service orders of new customers, identification of customers who have moved to a new address, fraud prevention, and similar nonmarketing purposes.

The Telephone Company does not warrant that any customer provided information is complete or accurate. The Telephone Company specifically provides such information on an as is basis.

BNA information is provided electronically through CARE by electronic data transmission or by using the Telephone Company's Xpress Electronic Access (XEA) on-line system. (C) (C)

(A) Rates and Charges

	USOC		
			(D) (D)
BNA Record - per record		.14	
Record Provision			(D)
- data transmission, per record		.00	(R)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.12 900 Blocking Service

900 Blocking Service is available to customers who obtain local exchange service from the Telephone Company under its general or local exchange tariffs and to customers who obtain Feature Group A Switched Access service in Section 6 of this tariff. This service is only provided at appropriately equipped end offices.

On each line or trunk for which 900 Blocking Service is ordered, the Telephone Company will block all direct dialed calls placed to a 900 number. When capable, the Telephone Company will route the blocked calls to a recorded message.

A 900 Blocking Service charge as set forth in (A) below is applicable when ordered by the end user customer with the following exceptions:

- Customer with 900 Blocking Service who subscribe to a new telephone number will receive 900 Blocking Service on their new telephone number at no charge for a period of 60 days after the new number is effective.

- 900 Blocking will be provided at no charge on a one-time basis to FGA Switched Access Service customers from February 11, 1994 through April 12, 1994.

The 900 Blocking Service charge is applied on a per order basis. For Feature Group A Switched Access service, 900 Blocking Service is applied on a per Line basis. Requests by subscribers to remove 900 Blocking Service must be in writing.

(A) 900 Blocking Service	Nonrecurring Charge
- Per order	$ 15.00
- Per Feature Group A line	81.00

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.13 InterLATA Operator Services

General

InterLATA Operator Services offers live operator call completion services for interLATA calling card and credit card calls. The Telephone Company will perform all operator functions on these calls, including branding, calling card and credit card validation, and the call detail recording necessary for billing. The Telephone Company will direct all calls to the appropriate long distance provider for completion. (D) (D) (D)

Live Operator Assistance

Live Operator Assistance includes calling card handling. Live Operator Assistance includes the functionality to screen calling cards and to block nonconforming cards. An interLATA operator services customer will provide the Telephone Company with a list of acceptable calling cards. If the screening function indicates that a particular card is not recognized, the calling party is instructed to use an alternate means of payment. The operator will first announce the name of the appropriate IXC and then manually complete the call. The live operator handled-calls will be charged per operator work second. (D)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.13 InterLATA Operator Services (Cont'd)

Directory assistance calls and 1+ payphone calls are excluded from this service. These services will continue to be provided under existing terms and conditions.

The IXC that selects the Telephone Company as its operator services provider is responsible for transporting calls requiring operator assistance to and from specific switch locations designated by the Telephone Company. That IXC must obtain transport facilities for Feature Group D services between the IXC's POP and the Telephone Company's designated switch. These transport facilities must be properly sized to accommodate the call volume and dedicated to interLATA operator service traffic. The Telephone Company's designated switch for interLATA operator services will interface directly with Feature Group D service. All charges associated with the transport facilities will apply.

If the call originates within the LATA in which the designated switch is located, the IXC must transport it to the IXC's POP in that LATA for delivery, along with the out-of-LATA calls, to the Telephone Company's designated switch. Both within-the-LATA traffic and out-of-LATA traffic can be rated over the transport facility from the Telephone Company's operator facility back to the IXC's POP.

The Telephone Company's obligation to furnish this service is dependent upon its ability to obtain and retain, without unreasonable expense, suitable rights, facilities, equipment, and other resources required to furnish and maintain this service.

Rate Regulations

Recurring charges for InterLATA Operator Services are offered at month-to-month or 2, 3, and 5 year pricing options.

Month-to-month rates will be subject to a one-month minimum service period. If service is discontinued prior to the expiration of the one-month minimum period, the customer's usage will be adjusted to reflect an entire month of usage. Usage is defined as the number of operator work seconds. (D)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.13 InterLATA Operator Services (Cont'd)

All term plans (2, 3, and 5-year) will be subject to a one-year minimum service period. If service is discontinued prior to the end of the one-year period, the customer's usage will be adjusted as described for the one-month minimum period calculation. (D)

A customer's annual usage will be determined once the one-year minimum service period has been fulfilled. This initial usage will serve as an preliminary indicator to compare the succeeding year's usage level or the amount of usage at the time a customer discontinues service. Termination liability charges will be applied to recover any decrease in usage. The annual level will be re-calculated each year, i.e., the preceding year will serve as the benchmark for the succeeding year.

Termination Liability

Termination liability will be calculated as follows:

- Determine the difference between the preliminary usage level and the current year's usage level. Usage is defined as the number of operator work seconds. (D)

- Determine if the difference is greater than -10%. If the difference is greater than -10%, termination liability will be assessed to the lost usage that is greater than 10%. For example, the initial usage is reduced by 10%. (D)

- The lost usage will be multiplied by the difference between the rates of the customer's chosen term plan and the term plan that is actually appropriate given the time spent in the plan. For example, if a customer selected a 5-year term plan, but had a deficit usage level in month 37 (year 3), the rate differential would be the difference between the 5-year rates and the 3-year rates. This rate differential would be applied to the amount of "lost" usage below 10%.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.13 InterLATA Operator Services (Cont'd)

Termination Liability (Cont'd)

- Determine the time in service. In this instance, the customer has spent three years in the plan at 5-year rates. In order to correct this the lost usage must be multiplied by the rate differential as well as the time in service. This calculation determines what the customer would have paid for those operator work seconds had they been in the proper term plan. (D)

Customers have the option of selecting the year-1 usage level as their commitment level for the duration of their term agreement or may self-select a commitment level. Any usage above the commitment level selected using these two options will not qualify for term rates, but will be charged the month-to-month rates. Termination liability will be calculated as specified above, using the appropriate commitment level.

Any customer in the final year of a term plan may elect to calculate termination liability by applying the term rate to the foregone annual usage. For example, if a customer in a 5-year plan disconnects after 50 months, termination liability would be calculated as follows: ([4-year usage benchmark x .9] - 5-year actual usage) x 5-year rate.

The Telephone Company will calculate termination liability charges using the method that produces the lesser charge.

Rates and Charges

	Monthly	2 Year	3 Year	5 Year	
					(D) | | | | (D)
Operator Handled - per work second	0.0124	0.0120	0.0116	0.0100	

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.14 ISP Traffic Origination Service

(A) General

ISP Traffic Origination Service applies to all telecommunications delivered by the Company to another telecommunications service provider (the "interconnecting carrier") for which the interconnecting carrier imposes on the Company an interstate charge pursuant to federal tariff for delivery of telecommunications to an Internet Service Provider (the "delivery charge"). ISP Traffic Origination Service reimburses the Company for the interstate cost of handing off traffic that is bound for the Internet to the interconnecting carrier and is not intended to cover the cost of any subscriber or common line facilities.

(B) Rates

For each call for which the interconnecting carrier attempts to assess a delivery charge of $0.008 per minute to the Company, the Company will assess to the interconnecting carrier an ISP Traffic Origination rate per minute which is the Interconnection Charge set forth below. For each call for which the interconnecting carrier attempts to assess a delivery charge of other than $0.008 per minute to the Company, the Company will assess to the interconnecting carrier an ISP Traffic Origination rate per minute which is the Alternative Interconnection Charge set forth below. The Alternative Interconnection Charge is the actual delivery charge, per minute, that the interconnecting carrier assesses on the Company.

The Interconnection Charge set forth following will apply to the same calls, and for the same duration, as the interconnecting carrier attempts to assess on the Company through its delivery charge.

Interconnection Charge	Rate
Charge per minute, per call	$0.008

Alternative Interconnection Charge

The actual delivery charge as described above

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.15 Optional Features for Payphone Access Lines

The following optional features are applicable only to Payphone Access Lines and may not be purchased in conjunction with any other type of service. These features are available for use only with lineside services offered in the Telephone Company's local or general exchange tariffs. These features are not available with Feature Group A or Lineside BSA Services.

Rates and charges for these optional features will consist of a monthly charge per optional feature. This monthly charge will be applied on a per line basis. A per line nonrecurring charge will also apply. In addition, a nonrecurring Service Order Charge will be applied per service order. The aforementioned nonrecurring charges will only apply when the optional feature is subsequently ordered to an existing line.

Service Order Charge	USOC	Nonrecurring Charge
- per service order		$31.50

(A) Inward Call Blocking

Inward Blocking, available in Delaware and Pennsylvania only, is an optional arrangement which prevents incoming calls from being received.

	USOC	Nonrecurring Charge	Monthly Rate	(Z)
per line		$2.00	$0.05	

(B) Outward Call Blocking

Outward Call Blocking, available in Delaware and Pennsylvania only, is an optional arrangement which restricts all chargeable calls to alternately billed operator-handled calls (collect, third party billed, or calling card).

	USOC	Nonrecurring Charge	Monthly Rate	(Z)
per line		$2.00	$0.15	

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)
13.3 Miscellaneous Services (Cont'd)
13.3.15 Optional Features for Payphone Access Lines (Cont'd)

(C) Outward Call Screening

Outward Call Screening, available in Washington, D.C., Maryland, Virginia, and New Jersey only, is an optional arrangement, available where facilities permit in Telephone Company's electronic end offices. This feature provides an indicator to restrict outgoing operator calls to collect, third number billed, or calling card. (D)

	USOC	Nonrecurring Charge	Monthly Rate
per line		$2.00	$0.00

(D) Incoming/Outgoing Call Screening

Incoming/Outgoing Call Screening, available in Delaware and Pennsylvania only, is an optional feature which provides indicators to prevent the completion of incoming collect and third party calls as well as to restrict outgoing operator calls to collect, third number billed, or calling card.

	USOC	Nonrecurring Charge	Monthly Rate
per line		$4.00	$0.00

(E) Pay Telephone Line Side Answer Supervision

Pay Telephone Line Side Answer Supervision is an optional arrangement available where facilities permit in Telephone Company's electronic end offices. This feature detects the completion and termination of a call and signals the Payphone Service Provider's equipment to commence and terminate the billing associated with the call.

	USOC	Nonrecurring Charge	Monthly Rate
per line		$6.00	$0.15

(F) Limited InterLATA Dialing (LID) Arrangement

This arrangement, available in New Jersey only, blocks the completion of interLATA calls identified by the Company as 1+ interLATA calls, except Toll Free calls and calls that the Telephone Company transports within a local calling area that is situated in two LATAs. This service is provided where facilities permit.

	USOC	Nonrecurring Charge	Monthly Rate
per line		$2.00	$5.00

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.16 Service Provider Number Portability

(A) Service Provider Number Portability (SPNP) General Description

SPNP allows, where facilities permit: (1) a local exchange telephone service customer to maintain the same Directory Number (DN) when changing from one telecommunications service provider to another while remaining at the same location; and (2) callers to complete calls to numbers that have been ported. This capability has been activated in the Telephone Company's 15 largest Metropolitan Statistical Areas (MSAs) on a switch specific basis as specified in the Local Exchange Routing Guide (LERG) and/or the National Exchange Carrier Association Inc. Tariff, F.C.C. No. 4. This capability will be activated in the remaining Telephone Company switches by the end of 1999.

(B) SPNP and SPNP Database Service (SPNPDS) Service Description

SPNP is an advanced intelligent network capability which utilizes the common channel signaling network to query a database to secure network routing instructions before completion of a call. This database contains the Location Routing Number (LRN) that identifies the switch of the Local Service Provider (LSP) that serves a customer with a ported DN. The LRN is used to direct the call to the correct network switching element for completion to the end user customer. Where more than one network is involved in completing the call, the network prior to the termination (i.e., the N-1 Network) is normally responsible for querying a SPNP database to secure the LRN which is then used in routing the call.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.16 Service Provider Number Portability (Cont'd)

(B) SPNP and SPNP Database Service (SPNPDS) Service Description (Cont'd)

Where the N-1 carrier does not perform a database query, and forwards a call to a switch in the Telephone Company's network for a NXX designated as a number portable code in the Local Exchange Routing Guide and National Exchange Carrier Association Inc. F.C.C. No. 4, the Telephone Company will perform a query for the N-1 Carrier and bill that N-1 carrier a SPNP Query charge, as shown in Section 13.3.16(E) following.

When the Telephone Company is the first point of switching for terminating traffic to another local exchange carrier (e.g., a Telephone Company tandem switch), the Telephone Company will perform the query on behalf of the N-1 carrier and bill the N-1 carrier a SPNP Query charge, as shown in Section 13.3.16(E) following.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.16 Service Provider Number Portability (Cont'd)

(B) SPNP and SPNP Database Service (SPNPDS) Service Description (Cont'd)

Where the N-1 Network queries the Telephone Company SPNP database, the Telephone Company will bill that N-1 Carrier a SPNP database query charge.

SPNP Database Service procedures will be applied uniformly to all users of the Telephone Company's SPNP Database Network. The Telephone Company SPNP Database will receive and respond to all queries, including the Telephone Company's queries as defined in the Technical Reference filed with this service.

(C) Service Provider Number Portability Database Service (SPNPDS) Service Application

There are two service arrangements of SPNPDS available through the Telephone Company's network:

- SPNP Query
  - Tandem
  - End Office
- SPNP Database Query

Following are detailed descriptions of each of the available service applications.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.16 Service Provider Number Portability (Cont'd)

(C) Service Provider Number Portability Database Service (SPNPDS) Service Application (Cont'd)

(1) SPNP Query

When the Telephone Company performs a query on behalf of the N-1 carrier, the Telephone Company's end office or access tandem switch will suspend call processing, formulate and launch a query via the common channel signaling network to a SPNP database to obtain information necessary to route calls to numbers in portable NXX codes. When the necessary routing information has been returned from the SPNP database to the switch originating the query, call processing is resumed and the call is routed to the correct network switching element for completion to the called party.

When a Telephone Company tandem switch performs the query on behalf of the N-1 carrier, an SPNP Query-Tandem charge is applied whenever the call is to an NXX from which a DN has been ported.

When a Telephone Company end office switch performs the query on behalf of the N-1 carrier, an SPNP Query-End Office charge will apply when the called DN has ported out of the Telephone Company switch.

(2) SPNP Database Query

N-1 carriers may query the Telephone Company's SPNP database interconnecting with the Telephone Company's common channel signaling network as provided in Section 6 preceding (Common Channel Signaling/Signaling System 7 (CCS/SS7) Interconnection Service) of this tariff. This is an optional service.

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.16 Service Provider Number Portability (Cont'd)

(C) Service Provider Number Portability Database Service (SPNPDS) Service Application (Cont'd)

(2) SPNP Database Query (Cont'd)

N-1 carriers may arrange in advance to query, via the common channel signaling network, the Telephone Company's SPNP database which contains information necessary to route calls to number portable NXX codes. When the necessary routing information has been returned from the SPNP database to the switch originating the query, call processing is resumed by the originating N-1 carrier, and the call is routed to the correct network switching element for completion to the called party. The N-1 carrier will be assessed a SPNP Database Query Charge on all queries to the SPNP Database.

(D) SPNPDS Service Provisioning

(1) SPNPDS Provisioning

SPNP Database access is available in the Philadelphia and Washington LATAs. The database in Philadelphia LATA will provide LRN information on ported telephone numbers in the states of New Jersey, Pennsylvania, and Delaware. The database in the Washington LATA provides LRN information on ported telephone numbers in the states of Maryland, Virginia, and the District of Columbia. Customer requests for SPNP Database Query Service will be treated as projects. (D)

(2) Limitations

SPNP Database Service is to be used only on a call-by-call basis for routing calls to number portable NXX codes and cannot be used for purposes other than those functions described herein.

Information residing in the Telephone Company's SPNP database is protected from unauthorized access and may not be stored in a customer's database or elsewhere for any reason.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.16 Service Provider Number Portability (Cont'd)

(D) SPNPDS Service Provisioning (Cont'd)

(3) Network Management

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 automated or manual protective controls which would generally be applied as a result of occurrences such as failure or overload of Telephone Company facilities, customer facilities, or other networks, natural disasters, mass calling, or national security demands.

(E) Rate Regulations

The rates and charges associated with SPNPDS which are "query" based will be billed monthly, based on recorded usage. For billing purposes, each month is considered to have thirty (30) days.

(1) Rate Elements

The following provides a list of the various SPNP rate elements.

- SPNP Query
  - Tandem
  - End Office
- SPNP Database Query
- SPNP Database Service Activation and/or Rearrangement
- Wireless SPNP Surcharge (C)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.16 Service Provider Number Portability (Cont'd)

(E) Rate Regulations (Cont'd)

(1) Rate Elements (Cont'd)

(a) SPNP Query

The SPNP Query rate element provides for the identification of the LRN information associated with the directory number including transport of the query to and from the database. This charge is assessed at either a Tandem or End Office rate depending on where the query was launched.

(1) SPNP Query - Tandem Query Charges are assessed to each non-queried call delivered at the Telephone Company Tandem to numbers in NXXs from which a DN has ported. This charge is also assessed when the N-1 carrier delivers calls to other LECs through a Telephone Company Tandem.

(2) SPNP Query - End Office Query Charges are assessed to each non-queried call to a Directory Number that has been ported out of a Telephone Company end office switch, and the end office switch performs the query.

(3) The SPNP Database Query rate element provides for the identification of the LRN associated with the directory number being queried including transport from the Telephone Company STP to the SPNP database (this service is provided in connection with CCS/SS7 Interconnection Service described in Section 6 preceding). This charge will be assessed to each query made to the SPNP Database.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.16 Service Provider Number Portability (Cont'd)

(E) Rate Regulations (Cont'd)

(1) Rate Elements (Cont'd)

(b) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity. These nonrecurring charges are applicable for the installation of the service and for rearrangements of the service. In addition, an Access Order Charge will apply to the SPNP Database Query Service, as shown in Section 5 preceding.

(1) SPNPDS Activation and/or Rearrangement Charge

A nonrecurring charge applies for the translation of the signaling point code as applicable to the SPNP Database Query.

(c) Wireless SPNP Surcharge (C)

The Wireless SPNP Surcharge recovers Telephone Company incremental costs directly related to providing long term wireless number portability. (C) It is billed on a monthly basis to all Telephone Company end users, line side access customers, unbundled switch port customers, and resale customers, except for those customers who participate in the Lifeline Assistance Program. This surcharge will be recovered (C) over 6 months commencing September 1, 2004, and ending February 28, 2005.

The Wireless SPNP Surcharge will apply to lines, PBX trunks and ISDN PRI. The PBX trunk charge is equivalent to 9 line charges, and the ISDN PRI charge is equivalent to 5 line charges. (C)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.16 Service Provider Number Portability (Cont'd)

(F) Rates and Charges

	Rate Per Query	
SPNP Query		
- Tandem	$.000926	
- End Office	$.000926	
SPNP Database Query	$.000648	
	Nonrecurring Charge	
SPNPDS Service Activation and/or Rearrangement	$102.35	
	Monthly Charge	
Wireless SPNP Surcharge*		(C)
- Per Line	$0.21	|
- Per PBX Trunk	1.89	|
- Per ISDN PRI	1.05	(C)

*To be recovered over 6 months commencing September 1, 2004 and ending February 28, 2005. (C) (C)

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.17 Long Distance Trouble Management Services (LDTMS)

(A) Service Description

LDTMS enables a participating Interexchange Carrier (IC) to receive, from the Telephone Company, specific trouble ticket information. This is accomplished by having information delivered electronically to a designated directory within a server owned and maintained by the Telephone Company. Each subscribing IC will have its own dedicated directory from which it can download its customers' trouble reports. The customer reporting the trouble must have as his/her Primary Interexchange Carrier (PIC) the IC that ordered LDTMS. ILP PICs (IntraLATA Presubscription Primary Interexchange Carriers) and/or ISP PICs (Intrastate Presubscription Primary Interexchange Carriers) are ineligible for LDTMS.

LDTMS supports the delivery of trouble reports related to certain switched access, special access, toll free, ATM, Frame Relay, calling card and operator-assisted services. For certain special access services, at least one end of the circuit must originate or terminate within the Telephone Company's operating region. For certain switched access or toll free services, the customer may or may not be presubscribed to the Telephone Company for local retail services, but must have as his/her Primary Interexchange Carrier (PIC) the IC that ordered LDTMS.

If, during a telephone contact between the Telephone Company's repair personnel and an IC's customer, it is determined that a trouble resides in the IC's network, the customer is informed that the ticket will be electronically delivered to his/her IC for full resolution. At that time, the IC's customer is also informed that his/her IC will contact him/her within one hour and provide a status report on the trouble. Telephone Company personnel will answer all repair calls using the Telephone Company brand name.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.17 Long Distance Trouble Management Services (LDTMS) (Cont'd)

(A) Service Description (Cont'd)

LDTMS will be provided on a negotiated interval basis, which will include joint-acceptance testing. LDTMS will be offered to all states covered by this tariff. The Telephone Company reserves the right to determine geographic availability, terms and conditions of the service. If the PIC for the customer has not subscribed to LDTMS, that customer will be treated in accordance with current operating procedures.

(B) Undertaking of the Telephone Company

Before delivering the ticket, the Telephone Company will inform the customer that he/she will be called back by his/her IC within one hour. On a subsequent call, the Telephone Company will inform the customer that he/she will be called back within thirty minutes. Also, if requested by the customer, the Telephone Company will obtain a status or provide the telephone number of the IC.

The Telephone Company will be responsible for providing the IC all the information needed to establish an LDTMS account and to access its directory within the Telephone Company server. The Telephone Company will also control the format of the information, access to the network components up to and including the server, and the information that will be available to the IC within its directory.

(C) Obligations of the IC

Each IC is obligated to call their customer within one hour of receiving the trouble and to provide the customer with a status report. On a subsequent call, the IC is obligated to contact their customer within thirty minutes. Each IC will be solely responsible for the development of its own operation support systems that interface with the Telephone Company's server. Each IC will also be solely responsible for meeting the interface standards and requirements as set by the Telephone Company.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.17 Long Distance Trouble Management Services (LDTMS) (Cont'd)

(D) Rate Regulations

A monthly recurring rate will apply to each participating IC for every month or fraction thereof that LDTMS is provided. No charges will apply to an IC's customer.

(E) Rates and Charges

	USOC	Monthly Rate
Long Distance Trouble Management Services (LDTMS)	WTR	$15,400.00

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