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13. Additional Engineering, Additional Labor and Miscellaneous Services

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:

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, per engineer	AEHN	$150.00	(I)	$150.00	(I)
(B) Overtime, outside of normally scheduled working hours, per engineer	AEHX	200.00	(I)	200.00	(I)

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.

For part-time Video Services, additional labor may also include that labor, requested by one or more customers and agreed upon by the Telephone Company, for a Telephone Company technician to oversee the operation of part-time Video Service during a specific event. The Telephone Company will notify the customer(s) that additional labor set forth in 13.2.3 following for Stand By Labor will apply. The charge for Stand By Labor will apply per customer. When a single Telephone Company technician oversees the operation of part-time Video Service(s) for more than one customer, the total charge to perform Stand By Labor will be divided equally between the customers involved. (N)

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. For Part Time Video Services, Stand By Labor also includes requests by the customer for a Telephone Company technician to oversee the operation of part-time Video Service during a specific event. For part-time Video Service, the request for Stand By Labor may involve one or more customers for a single event. The charge for Stand By Labor to each customer shall be as specified in 13.2 preceding. (N)

Certain material previously found on this page can now be found on Original Page 13-3.1.

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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.

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					
- Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	ALHX	$200.00	(I)	$200.00	(I)
- Premium Time, outside of scheduled work day, per technician	ALHP	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.

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, per technician	ALTN	None	$ 60.00	(R)
- Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	ALTX	None	70.00	(R)
- Premium time, outside of scheduled work day, per technician	ALTP	None	80.00	(R)

* 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.

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) (T)

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	(T)
(C) Testing and Maintenance with other telephone companies, or Other Labor				(N)
- Basic Time, normally scheduled working hours, per technician	ALKN	$150.00	$150.00	
- Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	ALKX	200.00	200.00	
- Premium time, outside of scheduled work day, per technician	ALKP	250.00	250.00	(N)

Certain material previously found on this page can now be found on 4th Revised Page 13-5.

* 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. (N)

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.

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)

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)

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)

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)

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)

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)

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)

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)

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)

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)			
(4) Miniature Eight-Position Series Jack for connection of alarm reporting devices.	RJ38X	$72.00	(I)

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)

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)

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	
(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)

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)

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.

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.

ACCESS SERVICE

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

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 (D)
B and D and Directory Access Service not routed (D)
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.

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.

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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)

(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.

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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)

(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.

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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)

(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.

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)

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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)

(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.

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.

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.

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

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.

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

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.

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)

* 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.

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)

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)

* 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.

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: (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)

* 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.

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	SNTN	$150.00	$150.00	(Z) (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)

(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	SNTX	$200.00	$200.00	(T) (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 too.

(D)

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	SNTP	$250.00	$250.00	(T) (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 too.

(D)

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,				(Z)
- per technician	SNON	$150.00	$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)

(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	SNOX	$200.00	$200.00	(T) (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 too.

(D)

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	SNOP	$250.00	$250.00	(T) (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 too.

(D)

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	

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	

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	

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 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		

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 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		

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		

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	

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		

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 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		

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 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		

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 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		

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 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		

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 (D)
(a) Electronic Data Transmission (T)
(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. (D) (D)

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

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

(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.

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)
|
|
|
|
|
|
(D)

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

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	(D)
				(D)
(2)	Additional Electronic Data Transmission to a customer's premises of Bill Data Record information,			(T)
	per record* transmitted	VRT	$0.0080	
(3)	Additional copies of Bill Data Record information on a storage device (CD ROM),			(T) (T)
	per device	RM8	$25.47	(T)

* A record is comprised of 225 bytes.

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

13.3 Miscellaneous Services (Cont'd)

13.3.7 Miscellaneous Equipment

(A) Controller Arrangement

This arrangement enables the customer to control up to 48 transfer functions at a Telephone Company central office via a CPE remote keyboard terminal capable of either 300 or 1200 bps operation. Included as part of the Controller Arrangement is a dial-up data station located at the Telephone Company Central Office to provide access to the Controller Arrangement. The dial-up data station consists of a 212A DATAPHONE data set and an appropriate Telephone Company provided channel.

The Controller Arrangement must be located in the same Telephone Company central office as the transfer functions which it controls.

Transfer Arrangements, as set forth in 7.5.3(E)(10), 7.5.8(C)(2), or preceding 7.5.9(D), are required in addition to the Controller Arrangement in order to obtain a complete operational service.

	USOC	Monthly Charge	
Controller arrangement, each	XTDDU	$150.31	(I)

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)

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)

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

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 (C)
electronic data transmission or by using the Telephone Company's (C)
Xpress Electronic Access (XEA) on-line system.

(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

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 collect, calling card, credit card, and billed-to-third-number and person-to-person calls. The Telephone Company will perform all operator functions on these calls, including branding, collect call and billed-to-third-number verification, 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)

Live Operator Assistance

Live Operator Assistance includes calling card handling, collect, and billed-to-third-number call 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. (C) | (C) (D)

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)

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%.

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

(D)

	Monthly	2 Year	3 Year	5 Year
Operator Handled - per work second	0.0124	0.0120	0.0116	0.0100

(D)

ACCESS SERVICE

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

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	
per line		$2.00	$0.05	(Z)

(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	
per line		$2.00	$0.15	(Z)

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

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

(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.

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)

(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.

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)

(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.

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)

(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.

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 (D)
requests for SPNP Database Query Service will be treated as projects.

(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.

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)

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.

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. It is billed (C) 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)

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 (C)
February 28, 2005. (C)

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.

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

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies

The operating territory of the Verizon Telephone Companies is comprised of the operating territories of Verizon Delaware LLC, Verizon Maryland LLC, Verizon New Jersey Inc., Verizon Pennsylvania LLC, Verizon Virginia LLC, and Verizon Washington, D.C. as defined following. (T)

14.1 Operating Territory of Verizon Pennsylvania LLC and Verizon Delaware LLC (T)

14.1.1 The operating territory of Verizon Pennsylvania LLC and Verizon Delaware LLC is comprised of the entire state of Delaware and the following locations, defined as rate centers, for the state of Pennsylvania, except for interstate corridor service. (T)

Pennsylvania

Rate Center	Rate Center	Rate Center
Alexandria	Cherry Tree	Girardville
Aliquippa	Chester Springs	Glen Campbell
Allentown (Len. Co.)	Clairton	Glenmoore
Altoona	Clarion	Glenwillard
Ambridge	Claysville	Green Lane
Annville	Clearfield	Greensburg
Ashland (Schuyl. Co.)	Clymer	Greenville
Austin	Coatesville	Grove City
Avella	Collegeville	Halifax
Avis	Connellsville	Hamburg
Avondale (Ches. Co.)	Coudersport	Hamlin (Wayne Co.)
Baden	Cresco	Harleysville
Barnesboro	Cresson	Harrisburg
Bath	Curwensville	Hastings
Beaver Falls	Danville	Hawley
Bedminster	Dauphin	Hazleton
Bellefonte	Dawson	Hellertown
Belle Vernon	Derry	Herminie
Bellwood	Donora	Hollidaysburg
Berwick	Downingtown	Homer City
Bessemer	Doylestown	Honesdale
Bethlehem	Dublin	Honey Brook (Ches. Co.)
Black Lick	DuBois	Hookstown
Blairsville	Eagle (Ches. Co.)	Houtzdale
Bloomsburg	Easton	Hummelstown
Boalsburg	East Palestine	Huntingdon
Bolivar	Ebensburg	Imperial
Bradford	Eldred	Indiana
Brownsville	Elizabeth	Jeannette
Buckingham	Ellwood City	Jermyn
Burgettstown	Elysburg	Jersey Shore
Bushkill	Endeavor	Jim Thorpe
California	Exton	Kane
Canonsburg	Fairchance	Kemblesville
Carbondale	Farmington	Kennett Square
Carrolltown	Fayette City	Kingston
Carversville	Finleyville (Wash. Co.)	Kulpmont
Catasauqua	Fleetwood	Kutztown (Berks Co.)
Catawissa	Frackville	Lake Ariel
Center Point	Freeland	Lake Como
Centre Hall	Frenchville	Lancaster
Charleroi	Galeton	Landenberg

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.1 Operating Territory of Verizon Pennsylvania LLC and Verizon Delaware LLC (Cont'd) (T)

14.1.1 (Cont'd)

Pennsylvania (Cont'd)

Rate Center	Rate Center	Rate Center
Landisville	Mount Gretna	Zone 11
Lansdale	Mount Jewett	Zone 12
Latrobe	Mount Pleasant	Zone 13
Lebanon	(Wstmld. Co.)	Zone 14
Leeper	Mount Pocono	Zone 17
Lehighton	Mount Union	Zone 21
Lenape	Mountaintop	Zone 22
Lewistown (Miff Co.)	Nanticoke	Zone 23
Ligonier	Nazareth	Zone 24
Line Lexington	Nesquehoning	Zone 25
Lock Haven	New Castle	Zone 26
Lords Valley	New Florence	Zone 28
Lowellville	New Hope	Zone 29
Ludlow	New Kensington	Zone 30
Mahaffey	New Philadelphia	Zone 31
Mahanoy City	New Salem	Zone 32
Marchand	Newfoundland	Zone 33
Marienville	Newtown (Bucks Co.)	Zone 34
Marion Center	North Wales	Zone 37
Masontown	Northampton	Zone 38
McAdoo	Northumberland	Zone 39
McClellandtown	Numidia	Zone 40
McDonald	Oakdale	Zone 41
McMurray	(Alleg. Co.)	Zone 42
McVeytown	Olyphant	Zone 43
Mechanicsburg	Orwigsburg	Zone 44
(Cumb. Co.)	Osceola Mills	Zone 45
Mendenhall	Oxford	Philipsburg
Mercer	Palmyra	Phoenixville
Middletown	Paris	PITTSBURGH
(Dauph. Co.)	Parkesburg	Zone 1
Midland	Parkwood	Zone 2
Millersville	Patton	Zone 3
Millheim	Pennsburg	Zone 4
Millville	Perkasie	Zone 5
Milton	Perryopolis	Zone 6
Minersville	PHILADELPHIA	Zone 7
Monessen	Zone 1	PITTSBURGH SUBURBAN
Monongahela	Zone 2	Zone 10
Moosic	Zone 3	
Morrisville	Zone 8	
(Bucks Co.)	Zone 4	
Mortonville	PHILADELPHIA	
Moscow	SUBURBAN ZONES	
Mount Carmel	Zone 10	

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.1 Operating Territory of Verizon Pennsylvania LLC and Verizon Delaware LLC (Cont'd) (T)

14.1.1 (Cont'd)

Pennsylvania (Cont'd)

Rate Center	Rate Center	Rate Center
PITTSBURGH SUBURBAN ZONES (Cont'd)	Schuylkill Haven	Warren
Zone 11	Schwenksville	Washington
Zone 12	Scottdale	Washingtonville
Zone 13	Scranton	Weatherly
Zone 14	Shamokin	West Alexander
Zone 15	Sharon	West Chester
Zone 16	Sharpsville	West Grove
Zone 17	Shenandoah	West Middlesex
Zone 18	Slatington	West Newton
Zone 19	Smethport	Westtown
Zone 20	Smithfield (Fay. Co.)	White Haven
Zone 21	Smiths Ferry	Wilkes-Barre
Zone 22	Smock	Williamsport
Zone 23	Snow Shoe	Winburne
Pittston	Souderton	Woolrich
Plumsteadville	Springdale	Wycombe
Plymouth	Spring Mills (Cen. Co.)	Wyoming
Point Marion	Springtown	Yardley
Portage	State College	Youngsville
Port Allegany	Steelton	Zelienople
Pottstown	Strasburg	
Pottsville	Stroudsburg	
Pughtown	Sugar Grove	
Punxsutawney	Sunbury	
Quakertown	Sykesville	
Reading	Tamaqua	
Renovo	Tarentum	
Republic	Taylor	
Rew	Tidioute	
Reynoldsville	Tionesta	
Riegelsville	Tyron	
Rochester	Ulysses	
Roulette	Uniontown (Fay. Co.)	
Royersford	Unionville (Ches. Co.)	
Russell	Upper Black Eddy	
Saint Clair	Wallenpaupack	
Saxton	Wampum	

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.1 Operating Territory of Verizon Pennsylvania LLC and Verizon Delaware LLC (Cont'd) (T)

14.1.2 The operating territory of the Telephone Company for interstate corridor service between Pennsylvania and New Jersey is defined to be between the rate centers listed below.

14.1.2(A) Pennsylvania - LATA Philadelphia Pennsylvania NPA 215 and NPA 610

NPA 215		NPA 610	
Rate Center	Rate Center	Rate Center	Rate Center
Bedminster	Philadelphia	Avondale	Zone 12
Buckingham	Suburban Zones:	(Chester Co.)	Zone 13
Carversville	Zone 32	Center Point	Zone 14
Doylestown	Zone 33	Chester Springs	Zone 17
Dublin	Zone 34	Coatesville	Zone 21
Glenmoore	Zone 37	Collegeville	Zone 22
Green Lane	Zone 38	Downingtown	Zone 23
Harleysville	Zone 39	Eagle (Chester Co.)	Zone 24
Lansdale	Zone 40	Exton	Zone 25
Line Lexington	Zone 41	Honey Brook	Zone 26
Morrisville	Zone 42	(Chester Co.)	Zone 28
New Hope	Zone 43	Kemblesville	Zone 29
Newtown (Bucks Co.)	Zone 44	Kennett Square	Zone 30
North Wales	Zone 45	Landenberg	Zone 31
Pennsburg	Plumsteadville	Lenape	Phoenixville
Perkasie	Quakertown	Mendenhall	Pottstown
Philadelphia	Souderton	Mortonville	Pughtown
(Zoned City)	Upper Black Eddy	Oxford	Riegelsville
Master Zone	Wycombe	Parkesburg	Royersford
City Zones:	Yardley	Philadelphia	Schwenksville
Zone 1		Suburban Zones	Springtown
Zone 2		Zone 10	Unionville
Zone 3		Zone 11	(Chester Co.)
Zone 4			West Chester
			West Grove
			Westtown

14.1.2(B) New Jersey - LATA Delaware Valley NPA 609

Rate Center	Rate Center	Rate Center
Beaver Brook	Glassboro	Paulsboro
Berlin	Gloucester	Pembertown
Blackwood	Haddonfield	Pitman
Bordentown	Haddon Heights	Riverside
Burlington	Laurel Springs	Riverton
Camden	Marlton	Swedesboro
Collingswood	Medford	Vincentown
Florence	Merchantville	Wenonah
(Burlington Co.)	Moorestown	Williamstown
Fort Dix	Mount Holly	Woodbury
Franklinville	Mullica Hill	

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.2 The operating territory of Verizon Maryland LLC, Verizon Virginia LLC, and Verizon Washington, D.C. Inc. is comprised of the following locations defined by the names of rate centers. (T)

14.2.1 District of Columbia

Washington, D.C.

14.2.2 State of Maryland

Aberdeen
Accident
Annapolis
Arbutus
Armiger-
Gibson Island
Ashton
Baltimore
Bel Air
Berlin
Berwyn
Bethesda
Bishopville
Bittinger
Bowie-Glenn Dale
Brandywine
Brooklyn Park-
Linthicum
Brunswick
Buckeystown

Cambridge
Capitol Heights
Cardiff
Catonsville
Cecilton
Centreville
Chase
Chesapeake City
Chestertown
Church Hill
Churchville
Clear Spring
Clinton

Cockeysville
Columbia
Crisfield
Crofton
Cumberland

Damascus
Darlington
Deal Island
Delmar
Denton
Dundalk

Easton
Edgewood
Elkridge
Elkton
Ellicott City
Essex

Fallston
Federalsburg
Flintstone
Fork
Frederick
Friendsville
Frostburg

Gaithersburg
Galena
Glen Burnie
Glenwood
Grantsville
Greensboro

Hagerstown
Hampstead
Hancock
Havre De Grace
Highfield
Hillsboro
Hughesville
Hurlock
Hyattsville

Indian Head

Jarrettsville

Keedysville
Kensington
Kitzmiller

Laurel
Layhill
Leonardtown
Lexington Park-
Great Mills
Lonaconing

Marion
Marlboro
McCoole
Mechanicsville
Middletown
Millersville
Millington
Mount Airy
Mount Savage

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.2 (Cont'd)

14.2.2 State of Maryland (Cont'd)

Myersville
Nanjemoy
Nanticoke
New Market
New Windsor
North Beach
North East

Oakland
Ocean City
Odenton
Oldtown
Oxford
Oxon Hill

Parkton
Parkville
Perryville
Pikesville
Pocomoke
Poolesville
Port Deposit
Preston
Prince Frederick
Princess Anne

Queenstown

Randallstown
Reisterstown
Ridge
Ridgely
Rock Hall

Rockville

St. Michaels

Salisbury
Severn
Severna Park
Sharptown
Sherwood Forest
Silver Run
Silver Spring
Smith Island
Smithsburg
Snow Hill
Solomons
Sparks-Glencoe
Sparrows Point
Stevensville
Stewartstown
Still Pond
Sudlersville
Sykesville

Taneytown
Thurmont
Tilghman
Tompkinsville
Towson
Trappe

Union Bridge

Vienna

Waldorf
Walkersville
Warwick
Waterloo
Westernport
West River
Westminster
Willards
Williamsport
Wingate
Woodlawn
Worthington

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.2 (Cont'd)

14.2.3 State of Virginia

Alexandria-Arlington
Appalachia
Ashland

Bedford
Belle Haven
Bent Mountain
Berryville
Bethia
Big Island
Big Meadows
Big Stone Gap
Blacksburg
Bluemont
Boyce
Braddock
Brokenburg
Buchanan

Calverton
Cape Charles
Cartersville
Catoctin
Charles Cty
Chatham
Chester
Chincoteague
Christiansburg
Clinchco
Clintwood
Clover
Coeburn
Concord
Craigsville
Criglersville

Culpeper
Cumberland
Cumberland Gap

Dante
Danville
Davenport
Dinwiddie
Dublin

Eastville
Elkwallow
Engleside

Fairfax-Vienna
Falls Church-McLean
Fife
Fredericksburg

Gainesboro
Goochland
Gordonsville
Gore
Greenwood

Hampton
Hartwood
Haysi
Herndon
Honaker
Hopewell

Jonesville

Lebanon
Lee
Leesburg
Lewis Mountain
Louisa
Lovingston
Lynchburg

Madison
Manakin
Marshall
McKenney
Mechanicsville
Middleburg
Midlothian
Mineral
Montvale
Mount Gilead

Narrows
Newport News

Norfolk-Virginia Beach
Norton
Onancock
Orange

Panorama
Parksley
Pearisburg
Peninsula
Pennington Gap
Petersburg
Piney River
Poquoson
Portsmouth
Pound
Powhatan
Providence Forge
Pulaski

Radford
Remington
Richmond
Roanoke
Rockville

St. Charles
St. Paul

Salem
Sandston
Shawsville
Shenandoah Park
Skyland
Sperryville
Spotsylvania (D)
Staunton
Stephens City
Stone Mountain
Suffolk

Tangier
Temperanceville

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.2 (Cont'd)

14.2.3 State of Virginia (Cont'd)

The Plains
Toano

Unionville
Upperville

Varina

Warrenton
Waverly
West Point
Whaleyville
Williamsburg
Winchester
Wise

(D)

(D)

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.2 (Cont'd)

(D)

(D)

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.3 Operating Territory of Verizon New Jersey Inc.

14.3.1 The operating territory of Verizon New Jersey Inc. is comprised of the entire state of New Jersey and the following locations, defined by the names of rate centers, for the state of New Jersey except for interstate corridor service.

Rate Center	Rate Center	Rate Center
Allentown	Cape May Court House	Glassboro
Asbury Park	Carteret	Gloucester
Atlantic City	Cedarville	
Atlantic Highlands	Chatham	Hackensack
Avalon	Cliffside	Hackettstown
	Closter	Haddonfield
Barnegat	Collingswood	Haddon Heights
Bayonne	Cragmere	Hammonton
Beach Haven	Cranbury	Hasbrouck Heights
Beaver Brook	Cranford	Hawthorne
Belleville		Hightstown
Belmar	Deal	Holmdel
(Monmouth Co.)	Dennisville	Hopatcong
Berlin	Dover	Hopewell
		(Mercer Co.)
Bernardsville	Dumont	
Blackwood	Dunellen	Jamesburg
Bloomfield		Jersey City
Boonton	East Millstone	
Bordentown	Eatontown	Keansburg
Bound Brook	Egg Harbor	Kearny
Bridgeton	Elizabeth	Keyport
Brigantine	Elmer	
Burlington	Englewood	Lakehurst
Butler	Englishtown	Lakewood
	Erskine Lakes	Lambertville
Caldwell	Ewing	Laurel Springs
Camden		Lawrenceville
	Fair Lawn	Leonia
	Fanwood	Linden
	Farmingdale	Little Falls
	Florence	Livingston
	(Burlington Co.)	Long Branch
	Fort Dix	
	Franklin Park	
	Franklinville	
	Freehold	

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.3 (Cont'd)

14.3.1 (Cont'd)

Rate Center	Rate Center	Rate Center
Madison	Oakland	Salem
Manasquan	Ocean City	Sea Isle City
Marlton	Oradell	Seaside Park
Matawan	Orange	Somers Point
Mays Landing		Somerville
Medford	Park Ridge	South Amboy
Mendham	Passaic South Orange	
Mercerville	Paterson	South River
Merchantville	Paulsboro	Spring Lake
Metuchen	Peapack	Stroudsburg
Middletown	Pemberton	Succasunna
Milford	Pennington	Summit
Millburn	Penns Grove	Swedesboro
Millington	Perth Amboy	
Millville	Phillipsburg	Teaneck
Milmay	Pitman	Toms River
Monmouth Junction	Plainfield	Trenton
Moorestown	Plainsboro	Tuckahoe
Morristown	Pleasantville	Tuckerton
Mountain View	Point Pleasant	
Mount Freedom	Pompton Lakes	Union City
Mount Holly	Port Norris	Unionville
Mullica Hill	Princeton	
		Verona
Neshanic	Rahway	Vincentown
Netcong	Ramsey	Vineland
Newark	Red Bank	
New Brunswick	Ridgewood	Washington
New Egypt	Riverside	Wenonah
Newfoundland	Riverton	Westfield
Nutley	Rockaway	West Milford
	Roselle	Westwood
	Rutherford	Whippany
		Wildwood
		Williamstown
		Woodbridge
		Woodbury
		Woodstown
		Wyckoff

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.3 (Cont'd)

14.3.2 The operating territory of the Telephone Company for interstate "corridor" service between New Jersey and New York is defined to be between the rate centers listed below.

14.3.2(A) New Jersey - LATA North Jersey NPAs 201, 732, 973, and 908

NPA 201		NPA 732
Rate Center	Rate Center	Rate Center
Bayonne	Oakland	Linden
Cliffside	Oradell	Rahway
Closter	Park Ridge	
Cragmere	Ramsey	
Dumont	Ridgewood	
Englewood	Rutherford	
Fair Lawn	Teaneck	
Hackensack	Union City	
Hasbrouck Heights	Westwood	
Jersey City	Wyckoff	
Kearny		
Leonia		

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.3 (Cont'd)

14.3.2 The operating territory of the Telephone Company for interstate "corridor" service between New Jersey and New York is defined to be between the rate centers listed below. (Cont'd)

14.3.2(A) New Jersey - LATA North Jersey NPAs 201, 732, 973, and 908 (Cont'd)

NPA 973		NPA 908	
Rate Center	Rate Center	Rate Center	
Belleville	Mountain View	Cranford	
Bloomfield	Newark	Elizabeth	
Butler	Newfoundland	Fanwood	
Caldwell	Nutley	Linden	(C)
Erskine Lakes	Orange	Plainfield	
Hawthorne	Passaic	Roselle	
Little Falls	Paterson	Summit	
Livingston	Pompton Lakes	Unionville (Union Co.)	
Millburn	South Orange		
	Verona	Westfield	
	West Milford		

14.3.2(B) New York - LATA New York Metropolitan NPAs 212, 347, 646, 718 and 917 (C) (C)

New York City
(Zoned City)
Master Zone

NPA 212/646/917	NPA 347/718	
City Zones		(C)
Zone 1		|
Zone 2		|
Zone 3	Zone 6	(C)
Zone 4	Zone 7	(C)
Zone 5	Zone 8	(C)
	Zone 9	
	Zone 10	
	Zone 11	
	Zone 12	
	Zone 13	
	Zone 14	
	Zone 15	

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.3 (Cont'd)

14.3.3 The operating territory of the Telephone Company for interstate "corridor" service between New Jersey and Pennsylvania is defined to be between the rate centers listed below.

14.3.3(A) New Jersey - LATA Delaware Valley NPA 609

Rate Center	Rate Center	Rate Center
Beaver Brook	Haddonfield	Riverside
Berlin	Haddon Heights	Riverton
Blackwood	Laurel Springs	Swedesboro
Bordentown	Marlton	Vincentown
Burlington	Medford	Wenonah
Camden	Merchantville	Williamstown
Collingswood	Moorestown	Woodbury
Florence (Burl. Co.)	Mount Holly	
	Mullica Hill	
Fort Dix	Paulsboro	
Franklinville	Pemberton	
Glassboro	Pitman	
Gloucester		

14.3.3(B) Pennsylvania - LATA Philadelphia Pennsylvania NPA 215 and NPA 610

NPA 215

Rate Center	Rate Center
Bedminster	Philadelphia
Buckingham	Suburban Zones:
Carversville	Zone 32
Doylestown	Zone 33
Dublin	Zone 34
Glenmoore	Zone 37
Green Lane	Zone 38
Harleysville	Zone 39
Lansdale	Zone 40
Line Lexington	Zone 41
Morrisville	Zone 42
New Hope	Zone 43
Newtown (Bucks Co.)	Zone 44
North Wales	Zone 45
Pennsburg	Plumsteadville
Perkasie	Quakertown
Philadelphia (Zoned City)	Souderton
Master Zone	Upper Black Eddy
City Zones:	Wycombe
Zone 1	Yardley
Zone 2	
Zone 3	
Zone 4	

NPA 610

Rate Center	Rate Center
Avondale (Chester Co.)	Zone 12
	Zone 13
Center Point	Zone 14
Chester Springs	Zone 17
Coatesville	Zone 21
Collegeville	Zone 22
Downingtown	Zone 23
Eagle (Chester Co.)	Zone 24
Exton	Zone 25
Honey Brook (Chester Co.)	Zone 26
	Zone 28
Kemblesville	Zone 29
Kennett Square	Zone 30
Landenberg	Zone 31
Lenape	Phoenixville
Mendenhall	Pottstown
Mortonville	Pughtown
Oxford	Riegelsville
Parkesburg	Royersford
Philadelphia	Schwenksville
Suburban Zones:	Springtown
Zone 10	Unionville (Chester Co.)
Zone 11	
	West Chester
	West Grove
	Westtown

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.4 Tandem Access Sectorization Area (TASA)

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

A. District of Columbia

1. Washington LATA
   Washington, D.C.
   Maryland Suburban
   Southern Maryland
   Northern Virginia

B. State of Maryland

1. Baltimore LATA
   Baltimore
   Southern
   Northeast
   Westminster
   Annapolis
   Prince Frederick

C. State of New Jersey

1. North Jersey LATA
   Cedar Knolls
   Newark
   New Brunswick
   Rochelle Park

2. Delaware Valley LATA
   Trenton
   Camden

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.4 Tandem Access Sectorization Area (TASA) (Cont'd)

D. State of Pennsylvania

1. Capital LATA
   Harrisburg
   Lancaster

2. Philadelphia LATA
   Philadelphia City
   Philadelphia Outcity - North
   Philadelphia Outcity - South
   Allentown
   Reading
   Delaware - North
   Delaware - South

3. Pittsburgh LATA
   Pittsburgh South
   Pittsburgh North
   Uniontown
   Sharon
   Greensburg

E. State of Virginia

1. Norfolk LATA
   Norfolk
   Newport News
   Onancock

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.5 Access Tandems for use with TAS

A. District of Columbia

Washington Tandem

B. State of Maryland

Baltimore Tandem
Annapolis Tandem

C. State of New Jersey

Newark Tandem
Camden Tandem

D. State of Pennsylvania

Harrisburg Tandem
Philadelphia Tandem
Pittsburgh Tandem
Fort Washington Tandem
Oakland Tandem

E. State of Virginia

Norfolk Tandem

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment

Each Telephone Company wire center has been assigned to a rate zone. Rate zones are applicable to services specified in Section 6 and Section 7 preceding. This table lists by jurisdiction wire centers assigned to Rate Zones 1, 2, and 3.

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
DC	WASHDCDN	DOWNTOWN	1
	WASHDCDP	DUPONT	1
	WASHDCGG	GEORGIA	1
	WASHDCGT	GEORGETOWN	1
	WASHDCMO	METRO	1
	WASHDCMT	MIDTOWN	1
	WASHDCSW	SOUTHWEST	1
	WASHDCWL	WOODLEY	1
	WASHDCLC	LINCOLN	2
	WASHDCAC	ANACOSTIA	3
	WASHDCBK	BROOKLAND	3
	WASHDCBN	BENNING	3
	WASHDCCH	CONGRESS HGHTS	3
	WASHDCSE	SOUTHEAST	3
DE	NWRKDENB	NEWARK	1
	WLMGDEWL	WILMINGTON	1
	DOVRDEDV	DOVER	2
	ANGLDEAN	ANGOLA	3
	BGVLDEBG	BRIDGEVILLE	3
	CMDNDECD	CAMDEN	3
	DGBODEDG	DAGSBORO	3
	DLMRDEDM	DELMAR	3
	FETNDEFE	FELTON	3
	FRDRDEFR	FREDERICA	3
	GMBODEGB	GUMBORO	3
	GNWDDEGN	GREENWOOD	3
	GRTWDEGR	GEORGETOWN	3
	HCKSDEHC	HOCKESSIN	3
	HLOKDEHL	HOLLY OAK	3
	HRTLDEHL	HARTLY	3
	HRTNDEHA	HARRINGTON	3
	LARLDELR	LAUREL	3
	LEWSDELW	LEWES	3
	MDTWDEMT	MIDDLETOWN	3
	MLBODEMB	MILLSBORO	3
	MLFRDEMF	MILFORD	3
	MLTNDEML	MILTON	3
	MSTNDEMA	MARSHALLTON	3
	NWCSDENC	NEW CASTLE	3
	OCVWDEOC	OCEAN VIEW	3
	RHBHDERB	REHOBOTH	3
	SEFRDESF	SEAFORD	3
	SLVLDESV	SELBYVILLE	3
	SMYRDESM	SMYRNA	3
	TLVLDETV	TALLEYVILLE	3
	WLMGDEPR	PENN ROSE	3
	WRHLDEWH	WRANGLE HILL	3

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
MD	ANNPMDAN	ANNAPOLIS	1
	BLTMMDCH	CHARLES STREET	1
	CHCHMDBE	BETHESDA	1
	CLMAMDCB	COLUMBIA	1
	ESTNMDES	EASTON	1
	FRDRMDFR	FREDERICK	1
	GTBGMDGB	GAITHERSBURG	1
	HGTWMDHG	HAGERSTOWN	1
	LARLMDLR	LAUREL	1
	RKVLMDMR	MONTROSE	1
	RKVLMDRV	ROCKVILLE	1
	SLBRMDSB	SALISBURY	1
	SLSPMDSS	SILVER SPRING	1
	TWSNMDTW	TOWSON	1
	WDRFMDWD	WALDORF	1
	BLARMDBL	BEL AIR	2
	BLTMMDUV	UNIVERSITY	2
	BLTMMDWL	WOLFE	2
	BLTMMDYK	YORK ROAD	2
	BTHSMDBD	BRADLEY	2
	BTHSMDWA	WOOD ACRES	2 *
	BTHSMDWW	WILDWOOD	2
	BTVLMDBV	BELTSVILLE	2
	CLPKMDBW	BERWYN	2
	CMLDMDCM	CUMBERLAND	2
	CYVLMDCK	COCKEYSVILLE	2
	CYVLMDDA	HUNT VALLEY	2
	EKTNMDEK	ELKTON	2
	ELCYMDEL	ELLICOTT CITY	2
	GLBRMDGL	GLEN BURNIE	2
	GMTWMDGN	GERMANTOWN	2
	HYVLMDHY	HYATTSVILLE	2
	LDVRMDLO	LANDOVER	2
	LNHMMDLN	LANHAM	2
	LXPKMDLX	LEXINGTON PARK	2
	PIVLMDPK	PIKESVILLE	2
	SLSPMDCV	COLESVILLE	2
	SLSPMDNB	NORBECK	2 *
	SLSPMDNW	NORTHWOOD	2 *
	STLDMDSL	SUITLAND	2
	WHTNMDWT	WHEATON	2
	ABRDMDAB	ABERDEEN	3
	ACDNMDAC	ACCIDENT	3
	ALTWMDAT	ALLENTOWN	3
	ARBTMDAR	ARBUTUS	3
	ARMGMDAR	ARMIGER	3

* This office was ranked in this zone based on contiguous criterion.

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
MD	BADNMDBN	BADEN	3
	BCTWMDBT	BUCKEYSTOWN	3
	BLTMMDED	EDMONDSON	3
	BLTMMDFR	FRANKFORD	3
	BLTMMDHM	HAMILTON	3
	BLTMMDLB	LIBERTY	3
	BLTMMDMD	MADISON	3
	BLTMMDMS	MORGAN STATE	3
	BNBRMDBR	BAINBRIDGE	3
	BOWIMDBO	BOWIE	3
	BRHGMDBH	BRADDOCK HEIGHTS	3
	BRKLMDBK	BROOKLYN	3
	BRLNMDBL	BERLIN	3
	BRNDMDBE	BRANDYWINE	3
	BRRDMDBR	BRYANS ROAD	3
	BRWKMDBR	BRUNSWICK	3
	BSHPMDBP	BISHOP	3
	BTNRMDBR	BITTINGER	3
	CCHLMDCL	CHURCH HILL	3
	CCTNMDCL	CECILTON	3
	CCVLMDCH	CHURCHVILLE	3
	CHASMDCH	CHASE	3
	CHCYMDCH	CHESAPEAKE CITY	3
	CHRTMDCH	CHESTERTOWN	3
	CLMAMDOB	OWEN BROWN	3
	CLMAMDSR	SNOWDEN RIVER	3
	CLSPMDCS	CLEAR SPRING	3
	CLTNMDCL	CLINTON	3
	CLVLMDCE	CLARKSVILLE	3
	CMBRMDCM	CAMBRIDGE	3
	CNVLMDCT	CENTREVILLE	3
	COTNMDCR	CROFTON	3
	CPHGMDCA	CENTRAL AVE	3
	CRDFMDCD	CARDIFF	3
	CRFDMDCR	CRISFIELD	3
	CSTWMDCR	CRESAPTOWN	3
	CTVLMDCT	CATONSVILLE	3
	DLISMDDL	DEAL ISLAND	3
	DLMRMDDM	DELMAR	3
	DMSCMDDE	DAMASCUS	3
	DNDLMDDN	DUNDALK	3
	DNTNMDDT	DENTON	3
	DRCRMDDC	DORRS CORNER	3
	DRTNMDDR	DARLINGTON	3
	EDWDMDEG	EDGEWOOD	3
	EKRGMDEL	ELKRIDGE	3
	EKRGMDPK	PARKWAY	3
	EMBGMDEM	EMMITSBURG	3

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
MD	ESSXMDEX	ESSEX	3
	FALDMDFL	FAIRLAND	3
	FDBGMDFE	FEDERALSBURG	3
	FIVLMDFR	FRIENDSVILLE	3
	FLNTMDFS	FLINTSTONE	3
	FORKMDFK	FORK	3
	FPATMDFR	FRIENDSHIP	3
	FSBGMDFS	FROSTBURG	3
	FTWSMDCP	CHAPEL HILL	3
	GALNMDGL	GALENA	3
	GLVLMDGL	GALESVILLE	3
	GLWDMDGD	NEW GLENWOOD	3
	GNBOMDGR	GREENSBORO	3
	GTVLMDGR	GRANTSVILLE	3
	HDGRMDHV	HAVRE DE GRACE	3
	HGFLMDHF	HIGHFIELD	3
	HLBOMDTK	TUCKAHOE	3
	HLWDMDHW	HOLLYWOOD	3
	HMNSMDRA	HARMANS	3
	HMPSMDHE	HAMPSTEAD	3
	HNCCMDHN	HANCOCK	3
	HONGMDHG	HONGA	3
	HRLCMDHL	HURLOCK	3
	HUVLMDHV	HUGHESVILLE	3
	HYVLMDCM	CHILLUM	3
	HYVLMDRI	RIGGS ROAD	3
	INHDMDIN	INDIAN HEAD	3
	JRVLMDJE	JARRETTSVILLE	3
	KDVLMDKV	KEEDYSVILLE	3
	KTZMMDKM	KITZMILLER	3
	LNCNMDLN	LONACONING	3
	LNTWMDLT	LEONARDTOWN	3
	LPLTMDLA	LAPLATA	3
	MANRMDMN	MANOR	3
	MARNMDMA	MARION	3
	MAYOMDMY	MAYO	3
	MCHVMDMC	MECHANICSVILLE	3
	MGTNMDML	MILLINGTON	3
	MLTWMDML	MILESTOWN	3
	MRBOMDMB	MARLBORO	3
	MRKKMDMK	MUIRKIRK	3
	MTARMDMA	MOUNT AIRY	3
	MTSVMDMS	MOUNT SAVAGE	3
	MUTLMDMT	MUTUAL	3
	MYVLMDMV	MYERSVILLE	3
	NJMYMDNJ	NANJEMOY	3
	NNTCMDNT	NANTICOKE	3

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ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
MD	NRBHMDNE	NORTH BEACH	3
	NRPNMDNP	NORTH POINT	3
	NRTEMDNE	NORTH EAST	3
	NWMRMDNE	NEW MARKET	3
	NWWNMDNW	NEW WINDSOR	3
	OCCYMDMB	MONTEGO BAY	3
	OCCYMDOC	OCEAN CITY	3
	OCCYMDON	NORTH OCEAN CI	3
	OCPNMDCR	OCEAN PINES	3
	ODTNMDON	ODENTON	3
	ODTNMDPO	PINEY ORCHARD	3
	OKLDMDOK	OAKLAND	3
	OLNYMDOK	OAKDALE	3
	OLTWMDOT	OLDTOWN	3
	OWMLMDOM	OWINGS MILLS	3
	OXFRMDOX	OXFORD	3
	OXHLMDOH	OXON HILL	3
	PARLMDPA	PAROLE	3
	PCCYMDPK	POCOMOKE	3
	PKTNMDPK	PARKTON ESS	3
	PKVLMDPK	PARKVILLE	3
	PLVLMDPV	POOLESVILLE	3
	PRANMDPA	PRINCESS ANNE	3
	PRFRMDPF	PRINCE FREDERI	3
	PRHLMDPH	PERRY HALL	3
	PSTNMDPS	PRESTON	3
	QNTWMDQN	QUEENSTOWN	3
	RIDGMDRI	RIDGE	3
	RKHLMDRH	ROCK HALL	3
	RMCKMDRR	ROMANCOKE	3
	RNTWMDRA	RANDALLSTOWN	3
	RSTWMDRS	REISTERSTOWN	3
	SDVLMDSD	SUDLERSVILLE	3
	SHTWMDST	SHARPTOWN	3
	SLBRMDPC	CHESAPEAKE HGT	3
	SLMNMDSL	SOLOMONS	3
	SLRNMDSL	SILVER RUN	3
	SMBGMDSM	SMITHSBURG	3
	SMISMDSI	SMITH ISLAND	3
	SNHLMDSH	SNOW HILL	3
	STMCMDSM	SAINT MICHAELS	3
	STMRMDSM	SAINT MARGARET	3
	STPNMDSP	STILL POND	3
	STVLMDST	STEVENSVILLE	3
	SVPKMDSP	SEVERNA PARK	3
	SYVLMDSK	SYKESVILLE	3
	THRMMDTH	THURMONT	3
	THVLMDTV	THAYERVILLE	3

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
MD	TLGHMDTL	TILGHMAN	3
	TMHLMDTH	TEMPLE HILLS	3
	TMVLMDTK	TOMPKINSVILLE	3
	TNTWMDTN	TANEYTOWN ESS	3
	TRPPMDTR	TRAPPE	3
	UNBRMDUB	UNION BRIDGE	3
	UPMRMDCC	CHURCH ROAD	3
	VINNMDVN	VIENNA	3
	VYLEMDVL	VALLEY LEE	3
	WDLWMDWL	WOODLAWN	3
	WHMRMDWM	WHITE MARSH	3
	WLPTMDWP	WILLIAMSPORT	3
	WLRDMDWR	WILLARDS	3
	WLVLMDWL	WALKERSVILLE	3
	WMNSMDWM	WESTMINSTER	3
	WNGTMDWG	WINGATE	3
	WNRNMDWN	WINTERS RUN	3
	WOCYMDBA	HERRING CREEK	3
NJ	CMDNNJCE	CAMDEN2	1
	EDSNNJED	EDISON	1
	ELZBNJEL	ELIZABETH	1
	ENVLNJEW	EWING	1
	ENWDNJEN	ENGLEWOOD	1
	FRHDNJFH	FREEHOLD	1
	FTLENJLE	LEONIA	1
	HCKNNJHK	HACKENSACK	1
	HDFDNJHD	HADDONFIELD	1
	HITNNJHI	HIGHTSTOWN	1
	HLDLNJWE	WESTWOOD	1
	JRCYNJBR	BERGEN	1
	JRCYNJJO	JOURNAL SQUARE	1
	LRSPNJLS	LAUREL SPRINGS	1
	MARLNJMA	MARLTON	1
	MHVLNJME	MERCHANTVILLE	1
	MRTWNJMR	MORRISTOWN	1
	MSTWNJMO	MOORESTOWN	1
	MTCHNJMT	METUCHEN	1
	NBWKNJNB	NEW BRUNSWICK	1
	NWRKNJ02	MARKET	1
	PLFDNJPF	PLAINFIELD	1
	PNNKNJPN	PENNS NECK	1
	PRTNNJPC	PRINCETON	1
	PSSCNJPS	PASSAIC	1
	PSWYNJPI	PISCATAWAY	1
	RGWDNJRW	RIDGEWOOD	1
	RMSYNJRM	RAMSEY	1
	RTFRNJRU	RUTHERFORD	1

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
NJ	SOVLNJSM	SOMERVILLE	1
	TRENNJTE	TRENTON	1
	UNCYNJ02	UNION CITY	1
	ATCYNJAC	ATLANTIC CITY	2
	BDBKNJBD	BOUND BROOK	2
	BDMNNJ01	BEDMINSTER	2
	BNTNNJBN	BOONTON	2
	BURLNJBU	BURLINGTON	2 *
	CFPKNJCS	CLIFFSIDE	2
	CLSTNJCO	CLOSTER	2
	CLWDNJCW	COLLINGSWOOD	2 *
	CNFRNJCR	CRANFORD	2 *
	CNMNNJRT	RIVERTON	2 *
	DUMTNJDM	DUMONT	2 *
	EORNNJEO	EAST ORANGE	2
	FNPKNJFP	FRANKLIN PARK	2
	FRFDNJFA	FAIRFIELD	2
	FRLNNJFL	FAIR LAWN	2
	GLBONJGB	GLASSBORO	2
	HLDNNJ01	HALEDON	2
	HPWLNJHP	HOPEWELL	2 *
	IVTNNJES	ESSEX	2
	KYPTNJKY	KEYPORT	2
	LKWDNJLK	LAKEWOOD	2
	LTFYNJLF	LITTLE FERRY	2
	LVTNNJLI	LIVINGSTON	2
	MCVLNJMC	MERCERVILLE	2
	MDSNNJMA	MADISON	2 *
	MLBNNJMB	MILLBURN	2
	MTCLNJMC	MONTCLAIR	2
	MTHLNJMH	MOUNT HOLLY	2
	MTVWNJMV	MOUNTAIN VIEW	2
	NBRGNJNB	NORTH BERGEN	2
	NWRKNJ03	HUMBOLDT	2
	NWRKNJIR	IRONBOUND	2
	PSVLNJPL	PLEASANTVILLE	2
	PTSNNJAR	PATERSON	2
	RCPKNJ01	ROCHELLE PARK	2 *
	RDBKNJRB	RED BANK	2
	RHWYNJRA	RAHWAY	2
	RSLLNJRL	ROSELLE	2 *
	RVDLNJPL	POMPTON LAKES	2
	RVEDNJOR	ORADELL	2
	SMMTNJSM	SUMMIT	2
	SORGNJSO	SOUTH ORANGE	2 *
	SORVNJSR	SOUTH RIVER	2

* This office was ranked in this zone based on contiguous criterion.

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
NJ	TMRVNJTR	TOMS RIVER	2
	UNINNJUV	UNIONVILLE	2
	WDBRNJWD	WOODBRIDGE	2
	WHIPNJWH	WHIPPANY	2
	WSFDNJWS	WESTFIELD	2
	ABSCNJ02	ABSECON	3
	ALTWNJAL	ALLENTOWN	3
	ASPKNJAP	ASBURY PARK	3
	ATHGNJAH	ATLANTIC HIGHL	3
	AVLNNJ01	AVALON	3
	BCHNNJ01	BEACH HAVEN	3
	BGTNNJBG	BRIDGETON	3
	BKWDNJBW	BLACKWOOD	3
	BLFDNJBL	BLOOMFIELD	3
	BLVLNJBE	BELLEVILLE	3
	BOTWNJBO	BORDENTOWN	3
	BRGTNJ01	BARNEGAT 01	3
	BRIGNJ01	BRIGANTINE	3
	BRLNNJBR	BERLIN	3
	BRVLNJBE	BERNARDSVILLE	3
	BWMLNJ01	BROWNS MILLS	3
	BWTWNJBT	BROWNTOWN	3
	BYNNNJ02	BAYONNE2	3
	BYVLNJBV	BAYVILLE	3
	CARTNJCA	CARTERET	3
	CDVLNJCD	CEDARVILLE	3
	CFTNNJCF	CLIFTON	3
	CLWLNJCW	CALDWELL	3
	CMCHNJCH	CAPE MAY CT. H	3
	CRHLNJCH	CHERRY HILL	3
	DNLNNJDU	DUNELLEN	3
	DNVLNJRK	ROCKAWAY	3
	DOVRNJDO	DOVER	3
	EATNNJEA	EATONTOWN	3
	EDVRNJ01	EAST DOVER	3
	EGTWNJET	ENGLISHTOWN	3
	EHCYNJEH	EGG HARBOR	3
	EMERNJEM	ELMER	3
	ERLKNJEL	ERSKINE LAKES	3
	FKRVNJ01	FORKED RIVER	3
	FKVLNJFK	FRANKLINVILLE	3
	FLRNNJFL	FLORENCE	3
	FRDLNJ01	FARMINGDALE	3
	FRDSNJFR	FORDS	3
	GLCYNJGL	GLOUCESTER	3
	HBVLNJ01	HERBERTSVILLE	3
	HKTNNJHT	HACKETTSTOWN	3
	HMTNNJHA	HAMMONTON	3

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
NJ	HOLMNJHO	HOLMDEL	3
	JMBGNJJA	JAMESBURG	3
	KNBGNJKE	KEANSBURG	3
	KRNYNJKN	KEARNY	3
	LDVLNJLD	LANDISVILLE	3
	LEHTNJ01	LITTLE EGG HAR	3
	LGBRNJLB	LONG BRANCH	3
	LKHRNJ01	LAKEHURST	3
	LMVLNJLV	LAMBERTVILLE	3
	LNDNNJ01	LINDEN	3
	LNNGNJHC	HOPATCONG	3
	LOTPNJ01	CAPE MAY	3
	LTFLNJLF	LITTLE FALLS	3
	LVLTNJSP	SEASIDE PARK	3
	MCTWNJPN	PORT NORRIS	3
	MDFDNJ01	MEDFORD	3
	MDTWNJMD	MIDDLETOWN	3
	MGTNNJMI	MILLINGTON	3
	MLDGNJ01	MAYS LANDING	3
	MLHLNJMH	MULLICA HILL	3
	MLVLNJMI	MILLVILLE	3
	MNHMNJMD	MENDHAM	3
	MNHWNJ01	MANAHAWKIN	3
	MNJTNJ01	MONMOUTH JUNCT	3
	MNSQNJ01	WALL TOWNSHIP	3
	MNTUNJWE	WENONAH	3
	NEGPNJ01	NEW EGYPT	3
	NFLDNJNF	NEWFOUNDLAND	3
	NPTUNJNT	NEPTUNE	3
	NSHNNJ01	NESHANIC	3
	NTCNNJ01	NETCONG	3
	NTLYNJNU	NUTLEY	3
	NWPVNJMH	MURRAY HILL	3
	NWRKNJWA	WAVERLY	3
	OCCYNJOC	OCEAN CITY	3
	OKLDNJ01	OAKLAND	3
	ORNTNJOE	ORIENTAL	3
	PAMBNJPM	PERTH AMBOY	3
	PGRVNJPG	PENNS GROVE	3
	PHBGNJPH	PHILLIPSBURG	3
	PLBONJPB	PAULSBORO	3
	PLRMNJ01	PALERMO	3
	PMTNNJPB	PEMBERTON	3
	PNTNNJPN	PENNINGTON	3
	PNVLNJPV	PENNSVILLE	3
	PRPLNJPA	PROSPECT PLAIN	3
	PTPLNJPP	POINT PLEASANT	3

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
NJ	RBVLNJRB	ROBERTSVILLE	3
	RNMDNJBK	BEAVER BROOK	3
	RVSDNJRS	RIVERSIDE	3
	SALMNJSA	SALEM	3
	SICYNJSI	SEA ISLE CITY	3
	SMPTNJ01	SOMERS POINT	3
	SPLKNJSL	SPRING LAKE	3
	SPMLNJ01	SPRING MILLS	3
	SPWDNJSW	SPOTSWOOD	3
	SRCYNJ01	SURF CITY	3
	SUCCNJSU	SUCCASUNNA	3
	SWBONJSW	SWEDESBORO	3
	SYRVNJSA	SOUTH AMBOY	3
	TKHONJTK	TUCKAHOE	3
	VLLSNJ02	VILLAS	3
	VNCYNJVN	VENTNOR	3
	VNHSNJVH	VAN HISEVILLE	3
	VNLDNJVL	VINELAND	3
	VNTWNJ01	VINCENTOWN	3
	WASHNJWA	WASHINGTON	3
	WDBINJDS	DENNISVILLE	3
	WDBYNJWB	WOODBURY	3
	WDPTNJWP	WOODPORT	3
	WDTWNJWT	WOODSTOWN	3
	WHHRNJWH	WHITE HORSE	3
	WHNGNJ01	WHITING	3
	WLBONJWB	WILLINGBORO	3
	WLTWNJ02	WILLIAMSTOWN	3
	WLWDNJWI	WILDWOOD	3
	WMFRNJ01	WEST MILFORD	3
	WORNNJWO	WEST ORANGE	3
	WOVLNJWO	WEST OSBORNVIL	3
	WRTWNJFD	WRIGHTSTOWN	3
	WYCKNJWK	WYCKOFF	3
PA	ALTWPAAL	ALLENTOWN	1
	ALTWPAMT	MOUNTAINVILLE	1
	BHLHPABE	BETHLEHEM	1
	HRBGPAHA	HARRISBURG	1
	KGPRPAKP	KING OF PRUSSIA	1
	LNCSPALA	LANCASTER	1
	PAOLPAPA	PAOLI	1
	PHLAPADE	DEWEY	1
	PHLAPAEV	EVERGREEN	1
	PHLAPALO	LOCUST	1
	PHLAPAMK	MARKET	1

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
PA	PHLAPAPE	PENNYPACKER	1 *
	PITBPADT	DOWNTOWN-1	1
	PYVLPAPE	PERRYSVILLE	1
	SCTNPASC	SCRANTON	1
	SLTNPAST	STEELTON	1
	STCGPAES	STATE COLLEGE	1
	WAYNPAWY	WAYNE	1
	WCHSPAWC	WEST CHESTER	1
	WKBGPAWK	WILKINSBURG	1
	ALNAPAAL	ALTOONA	2
	AMBLPAAM	AMBLER	2
	BCYNPABC	BALA CYNWYD	2
	BRSTPABR	BRISTOL	2 *
	CHVLPACH	CHURCHVILLE	2
	CNSHPACN	CONSHOHOCKEN	2
	CTSQPACT	CATASAUQUA	2 *
	DRMTPADO	DORMONT	2
	DYTWPADB	DOYLESTOWN	2
	EDTNPAED	EDDINGTON	2
	ESTNPAEA	EASTON	2
	EXTNPAEX	EXTON	2 *
	HTBOPAHB	HATBORO	2
	HZTNPAHZ	HAZLETON	2
	JENKPAJK	JENKINTOWN	2
	LANGPALA	LANGHORNE	2 *
	NCLDPANC	NEW CUMBERLAND	2 *
	NRTWPANR	NORRISTOWN	2 *
	NZRTPANA	NAZARETH	2 *
	PHLAPABA	BALDWIN	2 *
	PHLAPACH	CHESTNUT HILL	2 *
	PHLAPADB	DAVENPORT	2 *
	PHLAPAGE	GERMANTOWN	2
	PHLAPAJE	JEFFERSON	2
	PHLAPAMY	MAYFAIR	2 *
	PHLAPAOR	ORCHARD	2
	PHLAPAPI	PILGRIM	2
	PHLAPAPO	POPLAR	2 *
	PHLAPASH	SHERWOOD	2 *
	PHLAPATR	TRINITY	2
	PHLAPAWV	WAVERLY	2
	PITBPAAL	ALLENTOWN	2 *
	PITBPAEL	EAST LIBERTY	2 *
	PITBPAOK	OAKLAND	2
	PITBPASQ	SQUIRREL HILL	2 *
	PTTVPAPO	POTTSVILLE	2
	PTTWPAPT	POTTSTOWN	2

* This office was ranked in this zone based on contiguous criterion.

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
PA	PXTGPAPG	PAXTANG	2 *
	PXTNPAPA	PAXTONIA	2
	RDNGPARE	READING	2
	SHRNPASH	SHARON	2
	SRBGPAST	STROUDSBURG	2
	TRPRPATR	TROOPER	2
	TULYPATU	TULLYTOWN	2
	WGTNPAWR	WARRINGTON	2 *
	WLBRPAWB	WILKES-BARRE	2
	WLGRPAWG	WILLOW GROVE	2 *
	ABVLPAES	ALBRIGHTSVILLE	3
	ALFAPAAL	ALFARATA	3
	ALQPPAAL	ALIQUIPPA	3
	ALXNPAAX	ALEXANDRIA	3
	AMBRPAAM	AMBRIDGE	3
	ANVLPAAN	ANNVILLE	3
	ARMRPAAR	ARDMORE	3
	ASLDPAAL	ASHLAND	3
	AUSTPAAU	AUSTIN	3
	AVDLPAAV	AVONDALE	3
	AVLAPAAV	AVELLA	3
	BADNPABA	BADEN	3
	BATHPABT	BATH	3
	BCHMPABU	BUCKINGHAM	3
	BEWKPABR	BERWICK	3
	BGRNPABR	BIG RUN	3
	BGVLPABR	BRIDGEVILLE	3
	BLCLPABL	BLACK LICK	3
	BLLFPABE	BELLEFONTE	3
	BLLVPABE	BELLEVUE	3
	BLVIPABL	BLAIRSVILLE	3
	BLVNPABV	BELLE VERNON	3
	BLVRPABO	BOLIVAR	3
	BLWDPABE	BELLWOOD	3
	BMBGPABL	BLOOMSBURG	3
	BMNSPABM	BEDMINSTER	3
	BOALPABO	BOALSBURG	3
	BRBOPABA	BARNESBORO	3
	BRCKPAES	BEAR CREEK	3
	BRDDPABR	BRADDOCK	3
	BRFRPABR	BRADFORD	3
	BRYMPABM	BRYN MAWR	3
	BSHKPABU	BUSHKILL	3
	BSMRPABE	BESSEMER	3
	BTHYPABH	BETHAYRES	3
	BTPKPABP	BETHEL PARK	3

* This office was ranked in this zone based on contiguous criterion.

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ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
PA	BTTWPABU	BURGETTSTOWN	3
	BVFLPABF	BEAVER FALLS	3
	BWVLPABR	BROWNSVILLE	3
	CARNPACA	CARNEGIE	3
	CDPTPACO	COUDERSPORT	3
	CGVLPACL	COLLEGEVILLE	3
	CHESPACA	CHESTER A	3
	CHESPACB	CHESTER B	3
	CHRLPACH	CHARLEROI	3
	CHTRPACH	CHERRY TREE	3
	CHTTPACT	CHESTER HEIGHT	3
	CLARPACL	CLARION	3
	CLFDPACL	CLEARFIELD	3
	CLFRPACA	CALIFORNIA	3
	CLRTPACL	CLAIRTON	3
	CLVIPACL	CLAYSVILLE	3
	CLYMPACL	CLYMER	3
	CNBGPACA	CANONSBURG	3
	CNLVPACO	CONNELLSVILLE	3
	CNPNPACE	CENTER POINT	3
	CPHLPACH	CAMP HILL	3
	CRAFPACR	CRAFTON	3
	CRDLPACA	CARBONDALE	3
	CRESPAES	CRESCO	3
	CRPLPACO	CORAOPOLIS	3
	CRSNPACR	CRESSON	3
	CRTWPACA	CARROLLTOWN	3
	CRVVPACA	CARVERSVILLE	3
	CRWVPACU	CURWENSVILLE	3
	CSSPPACS	CHESTER SPRING	3
	CTHLPACH	CENTRE HALL	3
	CTVLPACV	COATESVILLE	3
	CTWSPAES	CATAWISSA	3
	DAPHPADA	DAUPHIN	3
	DAVLPADA	DANVILLE	3
	DNRAPADO	DONORA	3
	DRRYPADE	DERRY	3
	DRVLPADO	DORSEYVILLE	3
	DUBSPADU	DUBOIS	3
	DUNBPADU	DUNBAR	3
	DWSNPADA	DAWSON	3
	DWTWPADT	DOWNINGTOWN	3
	EAGLPAEG	EAGLE	3
	EBNSPAEB	EBENSBURG	3
	ELCYPAEC	ELLWOOD CITY	3
	ELDDPAEL	ELDRED	3
	ELZBPAEL	ELIZABETH	3
	ELZTPAET	ELIZABETH TWP	3

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
PA	ENDVPAEN	ENDEAVOR	3
	ENOLPAEN	ENOLA	3
	EPBGPAEP	EAST PETERSBURG	3
	EYBGPAEL	ELYSBURG	3
	FAVLPAFR	FRACKVILLE	3
	FCVLPAFR	FRENCHVILLE	3
	FELDPAFR	FREELAND	3
	FLWDPAFL	FLEETWOOD	3
	FLYVPAFI	FINLEYVILLE	3
	FRCHPAFA	FAIRCHANCE	3
	FRTNPAFA	FARMINGTON	3
	FSCKPAFC	FISHING CREEK	3
	FYCYPAFC	FAYETTE CITY	3
	GATNPAGA	GALETON	3
	GIVLPAGR	GIRARDVILLE	3
	GLCMPAGL	GLEN CAMPBELL	3
	GLLDPAGN	GLENOLDEN	3
	GLLYPAGL	GLEN LYON	3
	GLNMPAGL	GLENMORE	3
	GLNSPAGL	GLENSHAW	3
	GNBGPAGR	GREENSBURG	3
	GNVLPAGR	GREENVILLE	3
	GPIAPAMT	GPI AIRPORT	3
	GRLAPAGL	GREEN LANE	3
	GVCYPAGR	GROVE CITY	3
	HERMPAHE	HERMINIE	3
	HLBGPAHO	HOLLIDAYSBURG	3
	HLFXPAHX	HALIFAX	3
	HLTWPAHE	HELLERTOWN	3
	HMBGPAHB	HAMBURG	3
	HMCYPAHO	HOMER CITY	3
	HMLNPAHM	HAMLIN	3
	HMSTPAHO	HOMESTEAD	3
	HNTGPAHU	HUNTINGDON	3
	HOTWPAHO	HOOKSTOWN	3
	HPVLPAHE	HEPBURNVILLE	3
	HRLVPAHV	HARLEYSVILLE	3
	HSDLPAHO	HONESDALE	3
	HSNGPAHA	HASTINGS	3
	HTDLPAHZ	HOUTZDALE	3
	HUMLPAHM	HUMMELSTOWN	3
	HWLYPAHW	HAWLEY	3
	HYBKPAHB	HONEY BROOK	3
	IMPRPAIM	IMPERIAL	3
	INDIPAIN	INDIANA	3
	IRWNPAIR	IRWIN	3
	JMTHPAJT	JIM THORPE	3
	JNNTPAJE	JEANNETTE	3

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
PA	JRMYPAJE	JERMYN	3
	JRSHPAJS	JERSEY SHORE	3
	KANEPAKA	KANE	3
	KGTNPAES	KINGSTON	3
	KHVLPAKU	KUHNSVILLE	3
	KLMTPAKU	KULPMONT	3
	KMVLPAKV	KEMBLESVILLE	3
	KNSQPAKS	KENNETT SQUARE	3
	KRLNPAKL	KIRKLYN	3
	KZTNPAKZ	KUTZTOWN	3
	LARCPALM	LARCHMONT	3
	LBNNPAES	LEBANON	3
	LCHNPAES	LOCK HAVEN	3
	LDNBPALB	LANDENBERG	3
	LDVLPAES	LANDISVILLE	3
	LDVYPALV	LORDS VALLEY	3
	LEPRPALE	LEEPER	3
	LGNRPALI	LIGONIER	3
	LHTNPALE	LEHIGHTON	3
	LKARPALA	LAKE ARIEL	3
	LKCMPALC	LAKE COMO	3
	LNDLPALD	LANSDALE	3
	LNLXPALN	LINE LEXINGTON	3
	LNSDPALD	LANSDOWNE	3
	LRDLPALB	LAURELDALE	3
	LTRBPALA	LATROBE	3
	LWTWPALE	LEWISTOWN	3
	MBRGPAME	MECHANICSBURG	3
	MCADPAMC	MCADOO	3
	MCDDPAMC	MCDONALD	3
	MCMRPAMC	MCMURRAY	3
	MCPTPAMK	MCKEESPORT	3
	MCRKPAMR	MCKEES ROCKS	3
	MCTWPAMC	MCCLELLANDTOWN	3
	MDLDPAMI	MIDLAND	3
	MDTNPAMI	MIDDLETOWN	3
	MEDIPAME	MEDIA	3
	MHCYPAMC	MAHANOY CITY	3
	MHFYPAMA	MAHAFFEY	3
	MIVLPAMI	MILLERSVILLE	3
	MLHMPAMI	MILLHEIM	3
	MLTNPAMI	MILTON	3
	MLVAPAMI	MILLVALE	3
	MLVLPAMI	MILLVILLE	3
	MNDNPAMH	MENDENHALL	3
	MNGHPAMO	MONONGAHELA	3
	MNTPPAMO	MOUNTAINTOP	3
	MNVIPAMI	MINERSVILLE	3

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
PA	MONSPAMO	MONESSEN	3
	MOSCPAMC	MOOSIC	3
	MOVLPAMO	MONROEVILLE	3
	MRCHPAMA	MARCHAND	3
	MRCKPAMC	MARSHALLS CREEK	3
	MRCRPAME	MERCER	3
	MRCTPAMA	MARION CENTER	3
	MRSLPAMV	MORRISVILLE	3
	MRVLPAMA	MARIENVILLE	3
	MSCWPAMW	MOSCOW	3
	MSTWPAMA	MASONTOWN	3
	MTCRPAMC	MOUNT CARMEL	3
	MTGRPAMG	MOUNT GRETNA	3
	MTJWPAMJ	MOUNT JEWETT	3
	MTPCPAMP	MOUNT POCONO	3
	MTPTPAMP	MOUNT PLEASANT	3
	MTUNPAMU	MOUNT UNION	3
	MUVLPAES	MONTOURSVILLE	3
	MVTWPAES	MCVEYTOWN	3
	NATNPANR	NORTHAMPTON	3
	NFLDPANE	NEWFOUNDLAND	3
	NNTCPANA	NANTICOKE	3
	NRLDPAAA	NORTHUMBERLAND	3
	NSQHPANE	NESQUEHONING	3
	NUMDPANU	NUMIDIA	3
	NWCSPANC	NEW CASTLE	3
	NWFLPANF	NEW FLORENCE	3
	NWHPPANH	NEW HOPE	3
	NWKNPANK	NEW KENSINGTON	3
	NWLSPANW	NORTH WALES	3
	NWPHPANP	NEW PHILADELPH	3
	NWSLPANS	NEW SALEM	3
	NWSTPANS	NEW STANTON	3
	NWTWPANW	NEWTOWN	3
	OKDLPAOA	OAKDALE	3
	OKMTPAOA	OAKMONT	3
	OLYPPAOL	OLYPHANT	3
	ORBGPAOR	ORWIGSBURG	3
	OSMLPAES	OSCEOLA MILLS	3
	OXFRPAOX	OXFORD	3
	PATNPAPA	PATTON	3
	PEHLPAPH	PENN HILLS	3
	PGTWPAPT	PUGHTOWN	3
	PHBGPAPH	PHILIPSBURG	3
	PHLAPAEW	EASTWICK	3
	PHLAPAIV	IVYRIDGE	3
	PHLAPAKR	KNIGHTS ROAD	3
	PHLAPARE	REGENT	3

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
PA	PHLAPASA	SARATOGA	3
	PITBPACA	CARRICK	3
	PITBPANS	NORTHSIDE	3
	PIVLPAPV	PINEVILLE	3
	PLHSPAPH	PLEASANT HILLS	3
	PLMOPAPL	PLYMOUTH	3
	PLMYPAPA	PALMYRA	3
	PLSGPAPG	PLEASANT GAP	3
	PNBGPAPB	PENNSBURG	3
	PRBGPAPB	PARKESBURG	3
	PRFDPAPF	PARKERFORD	3
	PRKSPAPE	PERKASIE	3
	PRTGPAPO	PORTAGE	3
	PRWDPAPA	PARKWOOD	3
	PRYPPAPE	PERRYOPOLIS	3
	PSVLPAPV	PLUMSTEADVILLE	3
	PTALPAPA	PORT ALLEGANY	3
	PTMRPAPM	POINT MARION	3
	PTTNPAPI	PITTSTON	3
	PUNXPAPU	PUNXSUTAWNEY	3
	PXVLPAPV	PHOENIXVILLE	3
	QKTWPAQT	QUAKERTOWN	3
	RBTPPART	ROBINSON TP	3
	RDPKPARP	RIDLEY PARK	3
	RENVPARE	RENOVO	3
	REW PARE	REW	3
	RGVLPARI	RIEGELSVILLE	3
	RLTTPARO	ROULETTE	3
	ROCHPARC	ROCHESTER	3
	RSSLPARU	RUSSELL	3
	RYFRPARF	ROYERSFORD	3
	RYVLPARE	REYNOLDSVILLE	3
	SCDLPASC	SCOTTDALE	3
	SCHNPASC	SCHUYLKILL HAV	3
	SCHWPASV	SCHWENKSVILLE	3
	SDTNPASD	SOUDERTON	3
	SGGVPASG	SUGAR GROVE	3
	SHLNPASH	SHILLINGTON	3
	SHMKPASH	SHAMOKIN	3
	SHNDPASH	SHENANDOAH	3
	SHSAPASH	SHARPSBURG	3
	SLTTPAES	SLATINGTON	3
	SLWBPASL	SAINT LAWRENCE	3
	SMCKPASM	SMOCK	3
	SMPTPASM	SMETHPORT	3
	SNBYPASU	SUNBURY	3
	SNSPPASS	SINKING SPRING	3

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
PA	SPDLPASP	SPRINGDALE	3
	SPFDPASF	SPRINGFIELD	3
	SPMLPASM	SPRING MILLS	3
	SPTWPASP	SPRINGTOWN	3
	SRVLPASH	SHARPSVILLE	3
	STBGPAES	STRASBURG	3
	STSTPASS	STANDING STONE	3
	SWKYPASE	SEWICKLEY	3
	SWSHPASS	SNOW SHOE	3
	SXTNPASA	SAXTON	3
	SYVLPASY	SYKESVILLE	3
	TAMQPATA	TAMAQUA	3
	TAYLPATA	TAYLOR	3
	TBYHPATO	TOBYHANNA	3
	TIDTPATI	TIDIOUTE	3
	TNSTPATI	TIONESTA	3
	TNVLPATA	TANNERSVILLE	3
	TRCKPATC	TURTLE CREEK	3
	TRNTPATA	TARENTUM	3
	TYRNPATY	TYRONE	3
	ULYSPAUL	ULYSSES	3
	UNTNPAUN	UNIONTOWN	3
	WALXPAWA	WEST ALEXANDER	3
	WASHPAWA	WASHINGTON	3
	WDLDPAWO	WOODLAND	3
	WGRVPAWG	WEST GROVE	3
	WHHNPAWH	WHITEHAVEN	3
	WLPKPAES	WALLENPAUPACK	3
	WLPTPAWI	WILLIAMSPORT	3
	WLRCPAWO	WOOLRICH	3
	WLSTPAWS	WILLOW STREET	3
	WMDLPAWM	WEST MIDDLESEX	3
	WMFLPAWM	WEST MIFFLIN	3
	WMPMPAWA	WAMPUM	3
	WNBRPAWI	WINBURNE	3
	WNTNPAWN	WEST NEWTON	3
	WRRNPAWA	WARREN	3
	WSHVPAWA	WASHINGTONVILL	3
	WSVWPAWE	WEST VIEW	3
	WTHRPAWE	WEATHERLY	3
	WYNGPAWY	WYOMING	3
	YNVLPAYO	YOUNGSVILLE	3
	YRDLPAYL	YARDLEY	3
	ZLNPPAZE	ZELIENOPLE	3
VA	ALXNVAAX	ALEXANDRIA	1
	ALXNVABA	BARCROFT	1
	ARTNVAAR	ARLINGTON	1

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
VA	ARTNVACK	COLUMBIA PIKE	1
	CNVIVACT	CENTREVILLE	1
	FRFXVAFF	FAIRFAX	1
	HMPNVAQN	QUEEN ST	1
	HRNDVAHE	HERNDON	1
	MCLNVALV	LEWINSVILLE	1
	NRFLVABS	BUTE ST	1
	RCMDVAGR	GRACE ST	1
	RCMDVASR	STUART	1
	RONKVALK	LUCK	1
	RSTNVAFM	FOX MILL ROAD	1
	ALXNVAAD	ANNANDALE	2
	ALXNVACN	CAMERON	2
	ALXNVAMV	MOUNT VERNON	2
	ARTNVACY	CRYSTAL CITY	2 *
	ARTNVAFC	FALLS CHURCH	2
	BLBGVABB	BLACKSBURG	2
	FLCHVAMF	MERRIFIELD	2
	FRBGVAFB	FREDERICKSBURG	2
	FRFXVABF	BRADDOCK ROAD	2
	HMPNVAAB	ABERDEEN RD	2
	HRNDVADU	DULLES CORNER	2 *
	HRNDVAST	STERLING PARK	2 *
	LSBGVALB	LEESBURG	2
	LYBGVACH	CHURCH	2
	NRFLVAGS	GRANBY ST	2
	NRFLVAWC	WEST LITTLE CK	2
	NWNWVAJF	JEFFERSON	2
	PNTGVADF	PENTAGON	2 *
	PTBGVAPB	PETERSBURG	2
	RCMDVAHL	HULL ST	2
	RCMDVALS	LOGAN	2
	RCMDVAPE	PEMBERTON	2
	RCMDVAPS	PATTERSON	2
	SPFDVASP	SPRINGFIELD	2
	VRBHVACC	CHINESE CORNER	2
	VRBHVAIR	INDIAN RIVER R	2
	VRBHVAPT	PLAZA TRAIL	2
	VRBHVAVB	VA BCH 32ND ST	2
	WLBGVAWM	WILLIAMSBURG	2
	WNCHVAWC	WINCHESTER	2
	WRTNVAWR	WARRENTON	2
	ALXNVABR	BURGUNDY ROAD	3
	ALXNVAFR	FRANCONIA	3
	APLCVAAP	APPALACHIA	3
	ASBNVAAS	ASHBURN	3
	ASLDVAAS	ASHLAND	3

* This office was ranked in this zone based on contiguous criterion.

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ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
VA	BCHNVABH	BUCHANAN	3
	BCKNVABC	BUCKNER	3
	BDFRVABD	BEDFORD	3
	BEVLVABV	BERRYVILLE	3
	BGISVABI	BIG ISLAND	3
	BKBGVABB	BROKENBURG	3
	BLMTVABM	BLUEMONT	3
	BNMTVABM	BENT MOUNTAIN	3
	BOYCVABY	BOYCE	3
	BSGPVABG	BIG STONE GAP	3
	BTHIVABT	BETHIA	3
	CALVVACA	CALVERTON	3
	CCVLVACH	CHURCHVILLE	3
	CGVLVACL	CRIGLERSVILLE	3
	CHCYVACC	CHARLES CTY	3
	CHESVACR	CHESTER	3
	CHHMVACH	CHATHAM	3
	CHSKVACD	CHURCHLAND	3
	CHSKVADC	DEEP CREEK	3
	CHSKVAGU	GUERRIERE	3
	CLHGVACO	COLONIAL HTS	3
	CLNCVACL	CLINCHCO	3
	CLPPVACU	CULPEPER	3
	CLPPVAGR	GRAYSON	3
	CLPPVALI	LIGNUM	3
	CLPPVARV	REVA	3
	CLVRVACL	CLOVER	3
	CLWDVACW	CLINTWOOD	3
	CMLDVACU	CUMBERLAND	3
	CNCRVACN	CONCORD	3
	CNCTVACT	CHINCOTEAGUE	3
	COBNVACB	COEBURN	3
	CPCHVACC	CAPE CHARLES	3
	CRBGVACB	CHRISTIANSBURG	3
	CRVIVACV	CRAIGSVILLE	3
	CRVLVACV	CARTERSVILLE	3
	DANTVADA	DANTE	3
	DAVLVADA	DANVILLE	3
	DAVLVAFP	FRANKLIN PIKE	3
	DAVLVAWE	WESTOVER	3
	DBLNVADU	DUBLIN	3
	DCVLVADV	DICKENSONVILLE	3
	DNWDVADW	DINWIDDIE	3
	DRVRVADR	DRIVER	3
	DVPTVADP	DAVENPORT	3
	ETVLVAEV	EASTVILLE	3
	EXMRVAEX	EXMORE	3
	FIFEVAFI	FIFE	3

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
VA	FRBGVALH	LEE HILL	3
	GCLDVAGO	GOOCHLAND	3
	GNBOVAGA	GAINESBORO	3
	GNWDVAGW	GREENWOOD	3
	GOVLVAGV	GORDONSVILLE	3
	GRFLVAGF	GREAT FALLS	3
	GVTNVAGR	GROVETON	3
	HLBOVAHB	HILLSBORO	3
	HMPNVADC	DRUMMONDS CORN	3
	HMPNVAWD	WOODLAND RD	3
	HNKRVAHK	HONAKER	3
	HPWLVAHW	HOPEWELL	3
	HRWDVAHW	HARTWOOD	3
	HYSIVAHY	HAYSI	3
	JNVLVAJV	JONESVILLE	3
	LBNNVALB	LEBANON	3
	LBNNVARD	ROSEDALE	3
	LOUSVALU	LOUISA	3
	LRTNVAGU	GUNSTON	3
	LVTNVALN	LOVINGSTON	3
	LVVLVALV	LOVETTSVILLE	3
	LYBGVACV	CLEARVIEW	3
	LYBGVAMH	MADISON HEIGHT	3
	LYBGVANL	NEW LONDON RD	3
	LYBGVAOF	OLD FOREST ROA	3
	LYBGVATM	TIMBERLAKE	3
	LYBGVAYB	YELLOW BRANCH	3
	MCHVVAMV	MECHANICSVILLE	3
	MCKYVAMK	MCKENNEY	3
	MDBGVAMI	MIDDLEBURG	3
	MDLTVAMD	MIDLOTHIAN	3
	MDSNVAMA	MADISON	3
	MNKNVAMN	MANAKIN	3
	MNRLVAML	MINERAL	3
	MRSHVAMA	MARSHALL	3
	MTVAVAMT	MONTVALE	3
	NLFRVANF	NELLYSFORD	3
	NRFLVABL	BRICKELL RD	3
	NRFLVAOV	OCEAN VIEW	3
	NRFLVASP	SEWELLS PT	3
	NRTNVANO	NORTON	3
	NRWSVANA	NARROWS	3
	NWNWVAHU	HUNTINGTON	3
	NWNWVAHV	HARPERSVILLE	3
	NWNWVAND	NETTLES DRIVE	3
	NWNWVAYK	YORKTOWN	3
	ONNCVAON	ONANCOCK	3

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
VA	ORNGVAOR	ORANGE	3
	PCVLVAPV	PURCELLVILLE	3
	PLSKVAPU	PULASKI	3
	PNGPVAPG	PENNINGTON GAP	3
	PNRVVAPR	PINEY RIVER	3
	PONDVAPO	POUND	3
	PRBGVAPB	PEARISBURG	3
	PRFRVAPF	PROVIDENCE FOR	3
	PRKSVAPK	PARKSLEY	3
	PTBGVACD	CHESDIN	3
	PTMOVAHF	HODGES FERRY	3
	PTMOVAHS	HIGH STREET	3
	PWHTVAPW	POWHATAN	3
	QNTNVAQN	QUINTON	3
	RCMDVACG	COGBILL	3
	RCMDVAGK	GASKINS	3
	RCMDVAGY	GAYTON ROAD	3
	RCMDVAHR	HERMITAGE	3
	RCMDVAHS	HUNGARY SPRING	3
	RCMDVAIT	TURNER RD	3
	RCMDVARA	RANDALL AVE	3
	RCMDVASN	SECOND AVE	3
	RCMDVATC	THE CROSSINGS	3
	RDFRVARA	RADFORD	3
	RKVLVARK	ROCKVILLE	3
	RMTNVARE	REMINGTON	3
	RNGLVARG	RINGGOLD	3
	RONKVABK	BARKLEY	3
	RONKVABS	BONSACK	3
	RONKVACS	CAVE SPRING	3
	RONKVACV	COVE ROAD	3
	RONKVAGC	GARDENCITY	3
	RSHLVALE	LEE	3
	RSTNVALF	LAKE FAIRFAX	3
	SALMVAFL	FORT LEWIS	3
	SALMVAMC	MASON'S COVE	3
	SALMVASA	SALEM	3
	SFFLVASK	SUFFOLK	3
	SHVLVASW	SHAWSVILLE	3
	SNMTVASM	STONE MT	3
	SNTNVASS	SANDSTON	3
	SPTSVASP	SPOTSYLVANIA	3
	SRVLVASP	SPERRYVILLE	3
	STCHVASC	SAINT CHARLES	3
	STCYVASC	STEPHENS CITY	3
	STDRVASD	STUARTS DRAFT	3

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

WIRE CENTER ZONE ASSIGNMENTS

STATE	CLLI	NAME	RATE ZONE
VA	STPLVASP	SAINT PAUL	3
	STTNVAST	STAUNTON	3
	STTNVAVE	VERONA	3
	SWCKVASC	SWORDS CREEK	3
	SWVLVASV	STEWARTSVILLE	3
	THPLVATP	THE PLAINS	3
	TMVLVATV	TEMPERANCEVILL	3
	TNGRVATG	TANGIER	3
	TOANVATO	TOANO	3
	UNVLVAUV	UNIONVILLE	3
	UPVLVAUP	UPPERVILLE	3
	VARNVAVR	VARINA	3
	VINNVAVN	VIENNA	3
	VRBHVACT	CENTERVILLE TP	3
	VRBHVAGN	GREAT NECK RD	3
	VRBHVAIL	INDIAN LAKES	3
	VRBHVARC	ROBBINS CORNER	3
	VRBHVASR	SALEM ROAD	3
	WHOKVAWO	WHITE OAK	3
	WHVLVAWH	WHALEYVILLE	3
	WISEVAWI	WISE	3
	WNCHVANM	NORTH MOUNTAIN	3
	WNTRVAWG	WINTERGREEN	3
	WSPNVAWP	WEST POINT	3
	WTFRVAWT	WATERFORD	3
	WVRLVAWV	WAVERLY	3
WV	CHTNWVLE	CHARLESTON	1
	BCKLWVWD	BECKLEY	2
	CLBGWVMA	CLARKSBURG	2
	HNTNWVDT	HUNTINGTON	2
	MRBGWVBU	MARTINSBURG	2
	PRBGWVKT	PARKERSBURG	2
	STALWVSA	SAINT ALBANS	2
	ALCKWVAK	ALUM CREEK	3
	ALDRWVAD	ALDERSON	3
	ALLYWVAL	ALLOY	3
	ANSTWVAN	ANSTED	3
	APGVWVAP	APPLE GROVE	3
	BAVLWVPE	BARBOURSVILLE	3
	BCKHWVFL	BUCKHANNON	3
	BFLOWVBL	BUFFALO	3
	BHBTWVBE	BEECH BOTTOM	3
	BLLEWVRV	BELLE	3
	BLTNWVBB	BELINGTON	3
	BRDSWVBK	BRADSHAW	3
	BRNDWVBY	BRANDYWINE	3

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

(D)

(D)

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

(D)

(D)

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.6 Rate Zones Wire Center Assignment (Cont'd)

(D)

(D)

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas

(A) General

Wire centers within the Telephone Company's operating territories have been arranged in Metropolitan Statistical Areas (MSAs). MSAs may achieve various phases of pricing relief pursuant to Subpart H of the Commission's Part 69 Rules. Telephone Company MSAs which qualify for Phase II pricing relief are shown in (C) following which identifies the MSA Name, MSA identification number, level of pricing relief for the MSA, and the CLLI, State and price band for each wire center within the MSA. Wire centers within a non-qualifying Phase II MSA are not subject to price banding and are not included in (C) following. Service provided from a qualifying MSA is subject to price band rates as determined by the level of pricing relief described in (1) and (2) following. All rates and charges are provided with in the same section of the tariff as the service descriptions.

(1) Level 1 MSA Pricing

MSAs assigned to Level 1 pricing are those MSAs which have achieved Phase II pricing relief for all rate elements associated with the portion of the transmission path connecting an Interexchange Carrier's Point of Presence to the wire center serving the secondary location involved (i.e., End User's designated premises). The rate elements associated with the transmission path are those rate elements applicable for the type of service involved whether configured on a point-to-point basis or in ring architecture. For example, a High Capacity 1.544 Mbps Service as set forth in Section 7.2.9 preceding is comprised of channel termination, channel mileage and optional features and functions rate elements. An OC12 DSR ring (T)
as set forth in Section 23.1 following is comprised of nodes, (T)
channel mileage and port rate elements. Rates and charges for rate elements subject to Level 1 pricing are shown in terms of price bands. To determine the price band for a rate element, first locate the wire center in (C) following from which the service is provided and find the corresponding rate band. Rates and charges for the rate elements associated with connecting the secondary location to its serving wire center are either the N-MSA (non-qualifying MSA) rates or the appropriate Rate Zone rates.

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont'd) (N)

(A) General (Cont'd)

(2) Level 2 MSA Pricing

MSAs assigned to Level 2 pricing are those MSAs which have achieved Phase II pricing relief for all rate elements associated with the end-to-end transmission path connecting the Interexchange Carrier's Point of Presence to the secondary location involved. The rate elements associated with the transmission path are those rate elements applicable for the type of service involved whether configured on a point-to-point basis or in a ring architecture.

Rates and charges for rate elements subject to Level 2 pricing are shown in the section of the tariff as the corresponding service descriptions and are shown in terms of price bands. To determine the price band for a rate element, first locate the wire center in (C) following from which the service is provided and find the corresponding rate band. (N)

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont'd)

(B) Services Subject to MSA Price Banding

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

- Facilities Management Service
- Local Transport, Entrance Facilities
- Local Transport, Direct Trunked Transport
- Local Transport, Optional Features, Multiplexing

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

- Bonded Digital Link Service
- Channel Extension Service
- Digital Data Service (DDS)
- Facilities Management Service (FMS)
- High Capacity DS1 and DS3
- IntelliLight Broadband Transport (IBT)
- IntelliLight Entrance Facilities (IEF)
- IntelliLight Optical Transport Service (IOTS)
- IntelliLight Shared Dual Path (ISDP)
- IntelliLight Shared Assurance Network (ISAN)
- IntelliLight Shared Single Path (ISSP)
- IntelliMux
- Internet Protocol Routing Service (IPRS)
- LAN Extension Service
- Lightwave
- Metallic
- Non-Standard Premises Connection Charge
- Program Audio
- Telecommunications Service Priority System (TSP)
- Telegraph
- Verizon Dedicated SONET Ring (DSR)
- Verizon Optical Networking
- Video
- Voice Grade
- WATS Access Line
- Wideband Data

The Fast Packet services which are subject to Contract Tariff Options in those MSAs which qualify for Phase I pricing relief are as follows:

(D)

- Exchange Access Frame Relay Service
- Exchange Access Asynchronous Transfer Mode Cell Relay Service
- ATM Cell Relay Service
- Transparent LAN Service

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont'd)

(C) Rate Regulations

When the Interexchange Carrier's Point of Presence is located at a Collocated Interconnection Service multiplexing node or virtual collocation arrangement, price band rates and charges do not apply to the Channel Termination or any other rate element associated with providing service to the Collocated Interconnection arrangement.

To determine the price band for the channel mileage rate element when the wire centers involved are located within different price bands, apply the rates and charges for the higher price band number. When one of the wire centers involved is subject to price band rating and the other wire center involved is not subject to price band rating, the rates and charges applicable to the channel mileage element will be the N-MSA or Rate Zone rates and charges.

For the avoidance of doubt, in accordance with Section 2.4.7 of this Tariff, only Telephone Company wire centers in the operating territory of this Tariff will be considered in order to determine the applicable channel mileage rate element. If one wire center is in the operating territory of this Tariff and the other wire center is not, the rates and charges applicable to the channel mileage rate element will be dependent upon the level of pricing flexibility of only the wire center that is in the Telephone Company's operating territory. (N)

However, for service within the New York-New Jersey Corridor, any Verizon wire center within the operating territory of the New York – New Jersey Corridor will be considered in order to determine the applicable channel mileage rate element. (N)

Certain material previously found on this page can now be found on Original Page 14-47.1.

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont'd)

(C) Rate Regulations (Cont'd)

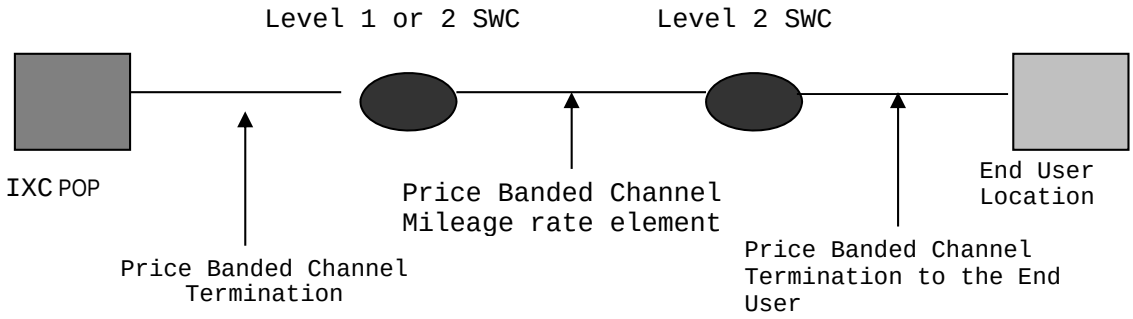
When service is provided under a Term Pricing Plan with a Commitment Discount as set forth in Sections 6.8.22(A) and (B), and 7.4.13(A) and (B) preceding, the discount percentage shall be applied to the rate applicable to the price band involved. (M)

When service is provided as part of a Shared Use Arrangement, price band billing may apply to both, the switched access and the special access, portions of the facility.

The application of rates and charges for service subject to MSA pricing relief are described in Sections 6.8.1 and 7.4.1 preceding.

The following examples depict the application of the rate elements associated with a typical Access Service subject to Level 1 or Level 2 pricing.

Example: Level 1 or 2 pricing at POP SWC to Level 2 pricing at EU SWC



(M)

(x) Material on this page formerly appeared on 1st Revised Page 14-47.

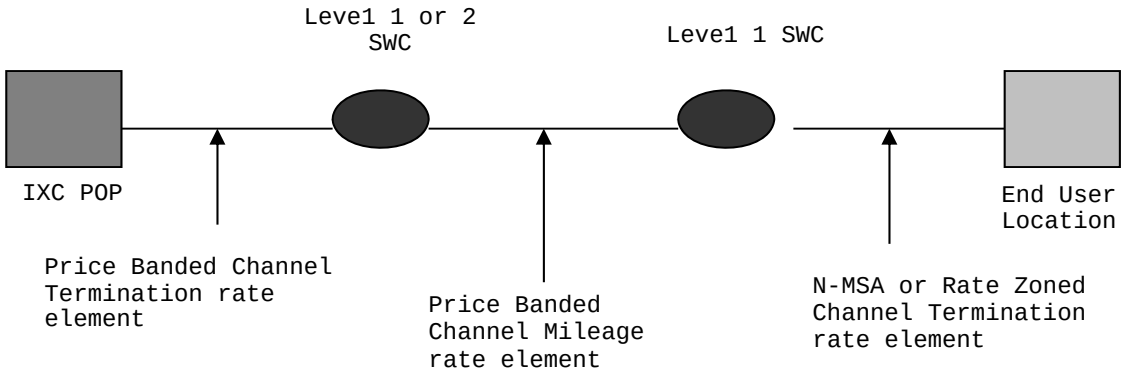
ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

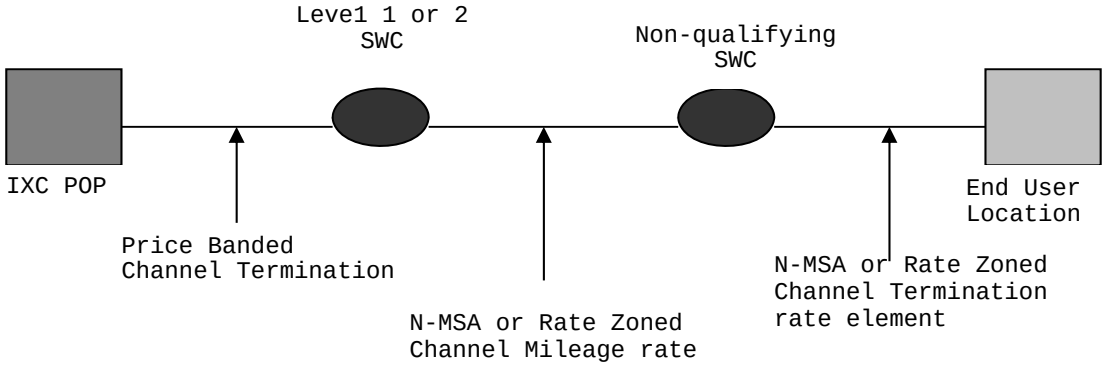
14.7 Metropolitan Statistical Areas (Cont'd) (N)

(C) Rate Regulations (Cont'd)

Example: Level 1 or 2 pricing at POP SWC to Level 1 pricing at EU SWC



Example: Level 1 or 2 pricing at POP SWC to a Non-qualifying EU SWC



(N)

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont'd) (T)

MSA ID	MSA Name	MSA Level	State	SWC CLLI	Price Band
1	NEW YORK NY	1	NJ	BDBKNJBD	5
1	NEW YORK NY	1	NJ	BDMNNJ01	5
1	NEW YORK NY	1	NJ	BLFDNJBL	6
1	NEW YORK NY	1	NJ	BLVLNJBE	6
1	NEW YORK NY	1	NJ	BNTNNJBN	5
1	NEW YORK NY	1	NJ	BRVLNJBE	6
1	NEW YORK NY	1	NJ	BYNNNJ02	6
1	NEW YORK NY	1	NJ	CFPKNJCS	5
1	NEW YORK NY	1	NJ	CFTNNJCF	6
1	NEW YORK NY	1	NJ	CLSTNJCO	5
1	NEW YORK NY	1	NJ	CLWLNJCW	6
1	NEW YORK NY	1	NJ	CNFRNJCR	5
1	NEW YORK NY	1	NJ	DNVLNJRK	6
1	NEW YORK NY	1	NJ	DOVRNJDO	6
1	NEW YORK NY	1	NJ	DUMTNJDM	5
1	NEW YORK NY	1	NJ	ELZBNJEL	4
1	NEW YORK NY	1	NJ	ENWDNJEN	4
1	NEW YORK NY	1	NJ	EORNNJEO	5
1	NEW YORK NY	1	NJ	ERLKNJEL	6
1	NEW YORK NY	1	NJ	FRFDNJFA	5
1	NEW YORK NY	1	NJ	FRLNNJFL	5
1	NEW YORK NY	1	NJ	FTLENJLE	4
1	NEW YORK NY	1	NJ	HCKNNJHK	4
1	NEW YORK NY	1	NJ	HLDLNJWE	4
1	NEW YORK NY	1	NJ	HLDNNJ01	5
1	NEW YORK NY	1	NJ	IVTNNJES	5
1	NEW YORK NY	1	NJ	JRCYNJBR	4
1	NEW YORK NY	1	NJ	JRCYNJJO	4
1	NEW YORK NY	1	NJ	KRNYNJKN	6
1	NEW YORK NY	1	NJ	LNDNNJ01	6
1	NEW YORK NY	1	NJ	LNNGNJHC	6
1	NEW YORK NY	1	NJ	LTFLNJLF	6
1	NEW YORK NY	1	NJ	LTFYNJLF	5
1	NEW YORK NY	1	NJ	LVTNNJLI	5
1	NEW YORK NY	1	NJ	MDSNNJMA	5
1	NEW YORK NY	1	NJ	MGTNNJMI	6
1	NEW YORK NY	1	NJ	MLBNNJMB	5
1	NEW YORK NY	1	NJ	MNHMNJMD	6
1	NEW YORK NY	1	NJ	MRTWNJMR	4
1	NEW YORK NY	1	NJ	MTCHNJMT	4
1	NEW YORK NY	1	NJ	MTCLNJMC	5
1	NEW YORK NY	1	NJ	MTVWNJMV	5
1	NEW YORK NY	1	NJ	NBRGNJNB	5

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont'd) (T)

MSA ID	MSA Name	MSA Level	State	SWC CLLI	Price Band
1	NEW YORK NY	1	NJ	NBWKNJNB	4
1	NEW YORK NY	1	NJ	NFLDNJNF	6
1	NEW YORK NY	1	NJ	NSHNNJ01	6
1	NEW YORK NY	1	NJ	NTCNNJ01	6
1	NEW YORK NY	1	NJ	NTLYNJNU	6
1	NEW YORK NY	1	NJ	NWPVNJMH	6
1	NEW YORK NY	1	NJ	NWRKNJ02	4
1	NEW YORK NY	1	NJ	NWRKNJ03	5
1	NEW YORK NY	1	NJ	NWRKNJIR	5
1	NEW YORK NY	1	NJ	NWRKNJWA	6
1	NEW YORK NY	1	NJ	OKLDNJ01	6
1	NEW YORK NY	1	NJ	PLFDNJPF	4
1	NEW YORK NY	1	NJ	PSSCNJPS	4
1	NEW YORK NY	1	NJ	PTSNNJAR	5
1	NEW YORK NY	1	NJ	RCPKNJ02	4
1	NEW YORK NY	1	NJ	RGWDNJRW	4
1	NEW YORK NY	1	NJ	RMSYNJRM	4
1	NEW YORK NY	1	NJ	RSLLNJRL	5
1	NEW YORK NY	1	NJ	RTFRNJRU	4
1	NEW YORK NY	1	NJ	RVDLNJPL	5
1	NEW YORK NY	1	NJ	RVEDNJOR	5
1	NEW YORK NY	1	NJ	SMMTNJSM	5
1	NEW YORK NY	1	NJ	SORGNJSO	5
1	NEW YORK NY	1	NJ	SOVLNJSM	4
1	NEW YORK NY	1	NJ	SUCCNJSU	6
1	NEW YORK NY	1	NJ	UNCYNJ02	4
1	NEW YORK NY	1	NJ	UNINNJUV	5
1	NEW YORK NY	1	NJ	WDPTNJWP	6
1	NEW YORK NY	1	NJ	WHIPNJWH	5
1	NEW YORK NY	1	NJ	WMFRNJ01	6
1	NEW YORK NY	1	NJ	WORNNJWO	6
1	NEW YORK NY	1	NJ	WSFDNJWS	5
1	NEW YORK NY	1	NJ	WYCKNJWK	6
4	PHILADELPHIA PA-NJ	1	NJ	BKWDNJBW	6
4	PHILADELPHIA PA-NJ	1	NJ	BOTWNJBO	6
4	PHILADELPHIA PA-NJ	1	NJ	BRLNNJBR	6
4	PHILADELPHIA PA-NJ	1	NJ	BURLNJBU	5
4	PHILADELPHIA PA-NJ	1	NJ	BWMLNJ01	6

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont'd) (T)

MSA ID	MSA Name	MSA Level	State	SWC CLLI	Price Band
4	PHILADELPHIA PA-NJ	1	NJ	CLWDNJCW	5
4	PHILADELPHIA PA-NJ	1	NJ	CMDNNJCE	4
4	PHILADELPHIA PA-NJ	1	NJ	CNMNNJRT	5
4	PHILADELPHIA PA-NJ	1	NJ	CRHLNJCH	6
4	PHILADELPHIA PA-NJ	1	NJ	EHCYNJEH	6
4	PHILADELPHIA PA-NJ	1	NJ	FKVLNJFK	6
4	PHILADELPHIA PA-NJ	1	NJ	FLRNNJFL	6
4	PHILADELPHIA PA-NJ	1	NJ	GLBONJGB	5
4	PHILADELPHIA PA-NJ	1	NJ	GLCYNJGL	6
4	PHILADELPHIA PA-NJ	1	NJ	HDFDNJHD	4
4	PHILADELPHIA PA-NJ	1	NJ	LDVLNJLD	6
4	PHILADELPHIA PA-NJ	1	NJ	LEHTNJ01	6
4	PHILADELPHIA PA-NJ	1	NJ	LMVLNJLV	6
4	PHILADELPHIA PA-NJ	1	NJ	LRSPNJLS	4
4	PHILADELPHIA PA-NJ	1	NJ	MARLNJMA	4
4	PHILADELPHIA PA-NJ	1	NJ	MDFDNJ01	6
4	PHILADELPHIA PA-NJ	1	NJ	MHVLNJME	4
4	PHILADELPHIA PA-NJ	1	NJ	MLHLNJMH	6
4	PHILADELPHIA PA-NJ	1	NJ	MNTUNJWE	6
4	PHILADELPHIA PA-NJ	1	NJ	MSTWNJMO	4
4	PHILADELPHIA PA-NJ	1	NJ	MTHLNJMH	5
4	PHILADELPHIA PA-NJ	1	NJ	PLBONJPB	6
4	PHILADELPHIA PA-NJ	1	NJ	PNVLNJPV	6
4	PHILADELPHIA PA-NJ	1	NJ	RNMDNJBK	6
4	PHILADELPHIA PA-NJ	1	NJ	RVSDNJRS	6
4	PHILADELPHIA PA-NJ	1	NJ	SWBONJSW	6
4	PHILADELPHIA PA-NJ	1	NJ	VNTWNJ01	6
4	PHILADELPHIA PA-NJ	1	NJ	WDBYNJWB	6
4	PHILADELPHIA PA-NJ	1	NJ	WHNGNJ01	6
4	PHILADELPHIA PA-NJ	1	NJ	WLBONJWB	6
4	PHILADELPHIA PA-NJ	1	NJ	WLTWNJ02	6
4	PHILADELPHIA PA-NJ	1	NJ	WRTWNJFD	6
4	PHILADELPHIA PA-NJ	1	PA	AMBLPAAM	5
4	PHILADELPHIA PA-NJ	1	PA	ARMRPAAR	6
4	PHILADELPHIA PA-NJ	1	PA	BCYNPABC	5
4	PHILADELPHIA PA-NJ	1	PA	BRSTPABR	5
4	PHILADELPHIA PA-NJ	1	PA	BRYMPABM	6
4	PHILADELPHIA PA-NJ	1	PA	BTHYPABH	6
4	PHILADELPHIA PA-NJ	1	PA	CGVLPACL	6
4	PHILADELPHIA PA-NJ	1	PA	CHESPACA	6
4	PHILADELPHIA PA-NJ	1	PA	CHESPACB	6
4	PHILADELPHIA PA-NJ	1	PA	CHTTPACT	6
4	PHILADELPHIA PA-NJ	1	PA	CHVLPACH	5

ACCESS SERVICE

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont'd) (T)

MSA ID	MSA Name	MSA Level	State	SWC CLLI	Price Band
4	PHILADELPHIA PA-NJ	1	PA	CNSHPACN	5
4	PHILADELPHIA PA-NJ	1	PA	CTVLPACV	6
4	PHILADELPHIA PA-NJ	1	PA	DWTWPADT	6
4	PHILADELPHIA PA-NJ	1	PA	DYTWPADB	5
4	PHILADELPHIA PA-NJ	1	PA	EAGLPAEG	6
4	PHILADELPHIA PA-NJ	1	PA	EDTNPAED	5
4	PHILADELPHIA PA-NJ	1	PA	EXTNPAEX	5
4	PHILADELPHIA PA-NJ	1	PA	GLLDPAGN	6
4	PHILADELPHIA PA-NJ	1	PA	HRLVPAHV	6
4	PHILADELPHIA PA-NJ	1	PA	HTBOPAHB	5
4	PHILADELPHIA PA-NJ	1	PA	JENKPAJK	5
4	PHILADELPHIA PA-NJ	1	PA	KGPRPAKP	4
4	PHILADELPHIA PA-NJ	1	PA	KNSQPAKS	6
4	PHILADELPHIA PA-NJ	1	PA	KRLNPAKL	6
4	PHILADELPHIA PA-NJ	1	PA	LANGPALA	5
4	PHILADELPHIA PA-NJ	1	PA	LARCPALM	6
4	PHILADELPHIA PA-NJ	1	PA	LNDLPALD	6
4	PHILADELPHIA PA-NJ	1	PA	LNLXPALN	6
4	PHILADELPHIA PA-NJ	1	PA	LNSDPALD	6
4	PHILADELPHIA PA-NJ	1	PA	MEDIPAME	6
4	PHILADELPHIA PA-NJ	1	PA	MRSLPAMV	6
4	PHILADELPHIA PA-NJ	1	PA	NRTWPANR	5
4	PHILADELPHIA PA-NJ	1	PA	NWLSPANW	6
4	PHILADELPHIA PA-NJ	1	PA	NWTWPANW	6
4	PHILADELPHIA PA-NJ	1	PA	PAOLPAPA	4
4	PHILADELPHIA PA-NJ	1	PA	PHLAPABA	5
4	PHILADELPHIA PA-NJ	1	PA	PHLAPACH	5
4	PHILADELPHIA PA-NJ	1	PA	PHLAPADB	5
4	PHILADELPHIA PA-NJ	1	PA	PHLAPADE	4
4	PHILADELPHIA PA-NJ	1	PA	PHLAPAEV	4
4	PHILADELPHIA PA-NJ	1	PA	PHLAPAEW	6
4	PHILADELPHIA PA-NJ	1	PA	PHLAPAGE	5
4	PHILADELPHIA PA-NJ	1	PA	PHLAPAIV	6
4	PHILADELPHIA PA-NJ	1	PA	PHLAPAJE	5
4	PHILADELPHIA PA-NJ	1	PA	PHLAPAKR	6
4	PHILADELPHIA PA-NJ	1	PA	PHLAPALO	4
4	PHILADELPHIA PA-NJ	1	PA	PHLAPAMK	4
4	PHILADELPHIA PA-NJ	1	PA	PHLAPAMY	5
4	PHILADELPHIA PA-NJ	1	PA	PHLAPAOR	5
4	PHILADELPHIA PA-NJ	1	PA	PHLAPAPE	4
4	PHILADELPHIA PA-NJ	1	PA	PHLAPAPI	5
4	PHILADELPHIA PA-NJ	1	PA	PHLAPAPO	5
4	PHILADELPHIA PA-NJ	1	PA	PHLAPARE	6
4	PHILADELPHIA PA-NJ	1	PA	PHLAPASA	6
4	PHILADELPHIA PA-NJ	1	PA	PHLAPASH	5

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont'd) (T)

MSA ID	MSA Name	MSA Level	State	SWC CLLI	Price Band
4	PHILADELPHIA PA-NJ	1	PA	PHLAPATR	5
4	PHILADELPHIA PA-NJ	1	PA	PHLAPAWV	5
4	PHILADELPHIA PA-NJ	1	PA	PNBGPAPB	6
4	PHILADELPHIA PA-NJ	1	PA	PRKSPAPE	6
4	PHILADELPHIA PA-NJ	1	PA	PTTWPAPT	5
4	PHILADELPHIA PA-NJ	1	PA	PXVLPAPV	6
4	PHILADELPHIA PA-NJ	1	PA	QKTWPAQT	6
4	PHILADELPHIA PA-NJ	1	PA	RDPKPARP	6
4	PHILADELPHIA PA-NJ	1	PA	SDTNPASD	6
4	PHILADELPHIA PA-NJ	1	PA	SPFDPASF	6
4	PHILADELPHIA PA-NJ	1	PA	TRPRPATR	5
4	PHILADELPHIA PA-NJ	1	PA	TULYPATU	5
4	PHILADELPHIA PA-NJ	1	PA	WAYNPAWY	4
4	PHILADELPHIA PA-NJ	1	PA	WCHSPAWC	4
4	PHILADELPHIA PA-NJ	1	PA	WGTNPAWR	5
4	PHILADELPHIA PA-NJ	1	PA	WLGRPAWG	5
4	PHILADELPHIA PA-NJ	1	PA	YRDLPAYL	6
8	WASHINGTON DC-MD-VA	1	DC	WASHDCAC	6
8	WASHINGTON DC-MD-VA	1	DC	WASHDCBK	6
8	WASHINGTON DC-MD-VA	1	DC	WASHDCBN	6
8	WASHINGTON DC-MD-VA	1	DC	WASHDCCH	6
8	WASHINGTON DC-MD-VA	1	DC	WASHDCDK	6
8	WASHINGTON DC-MD-VA	1	DC	WASHDCDN	4
8	WASHINGTON DC-MD-VA	1	DC	WASHDCDP	4
8	WASHINGTON DC-MD-VA	1	DC	WASHDCFI	6
8	WASHINGTON DC-MD-VA	1	DC	WASHDCGG	4
8	WASHINGTON DC-MD-VA	1	DC	WASHDCGT	4
8	WASHINGTON DC-MD-VA	1	DC	WASHDCLC	5
8	WASHINGTON DC-MD-VA	1	DC	WASHDCMO	4
8	WASHINGTON DC-MD-VA	1	DC	WASHDCMT	4
8	WASHINGTON DC-MD-VA	1	DC	WASHDCSE	6
8	WASHINGTON DC-MD-VA	1	DC	WASHDCSW	4
8	WASHINGTON DC-MD-VA	1	DC	WASHDCWL	4
8	WASHINGTON DC-MD-VA	1	MD	ALTWMDAT	6
8	WASHINGTON DC-MD-VA	1	MD	BOWIMDBO	6
8	WASHINGTON DC-MD-VA	1	MD	BTHSMDBD	5
8	WASHINGTON DC-MD-VA	1	MD	BTHSMDRP	4
8	WASHINGTON DC-MD-VA	1	MD	BTHSMDWA	5
8	WASHINGTON DC-MD-VA	1	MD	BTHSMDWW	5
8	WASHINGTON DC-MD-VA	1	MD	BTVLMDBV	5
8	WASHINGTON DC-MD-VA	1	MD	CHCHMDBE	4
8	WASHINGTON DC-MD-VA	1	MD	CLPKMDBW	5

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont'd) (T)

MSA ID	MSA Name	MSA Level	State	SWC CLLI	Price Band
8	WASHINGTON DC-MD-VA	1	MD	CLTNMDCL	6
8	WASHINGTON DC-MD-VA	1	MD	CPHGMDCA	6
8	WASHINGTON DC-MD-VA	1	MD	DMSCMDDE	6
8	WASHINGTON DC-MD-VA	1	MD	FRDRMDFR	4
8	WASHINGTON DC-MD-VA	1	MD	FTWSMDCP	6
8	WASHINGTON DC-MD-VA	1	MD	GMTWMDGN	5
8	WASHINGTON DC-MD-VA	1	MD	GTBGMDGB	4
8	WASHINGTON DC-MD-VA	1	MD	HYVLMDCM	6
8	WASHINGTON DC-MD-VA	1	MD	HYVLMDHY	5
8	WASHINGTON DC-MD-VA	1	MD	HYVLMDRI	6
8	WASHINGTON DC-MD-VA	1	MD	LARLMDDY	4
8	WASHINGTON DC-MD-VA	1	MD	LDVRMDLO	5
8	WASHINGTON DC-MD-VA	1	MD	LNHMMDLN	5
8	WASHINGTON DC-MD-VA	1	MD	LPLTMDLA	6
8	WASHINGTON DC-MD-VA	1	MD	MRBOMDMB	6
8	WASHINGTON DC-MD-VA	1	MD	MRKKMDMK	6
8	WASHINGTON DC-MD-VA	1	MD	NRBHMDNE	6
8	WASHINGTON DC-MD-VA	1	MD	OLNYMDOK	6
8	WASHINGTON DC-MD-VA	1	MD	OXHLMDOH	6
8	WASHINGTON DC-MD-VA	1	MD	RKVLMDMR	4
8	WASHINGTON DC-MD-VA	1	MD	RKVLMDRV	4
8	WASHINGTON DC-MD-VA	1	MD	SLSPMDCV	5
8	WASHINGTON DC-MD-VA	1	MD	SLSPMDNB	5
8	WASHINGTON DC-MD-VA	1	MD	SLSPMDNW	5
8	WASHINGTON DC-MD-VA	1	MD	SLSPMDSS	4
8	WASHINGTON DC-MD-VA	1	MD	STLDMDSL	5
8	WASHINGTON DC-MD-VA	1	MD	TMHLMDTH	6
8	WASHINGTON DC-MD-VA	1	MD	UPMRMDCC	6
8	WASHINGTON DC-MD-VA	1	MD	WDRFMDWD	4
8	WASHINGTON DC-MD-VA	1	MD	WHTNMDWT	5
8	WASHINGTON DC-MD-VA	1	MD	WLVLMDWL	6
8	WASHINGTON DC-MD-VA	1	VA	ALXNVAAD	5
8	WASHINGTON DC-MD-VA	1	VA	ALXNVAAX	4
8	WASHINGTON DC-MD-VA	1	VA	ALXNVABA	4
8	WASHINGTON DC-MD-VA	1	VA	ALXNVABR	6
8	WASHINGTON DC-MD-VA	1	VA	ALXNVACN	5
8	WASHINGTON DC-MD-VA	1	VA	ALXNVAFR	6
8	WASHINGTON DC-MD-VA	1	VA	ALXNVAMV	5
8	WASHINGTON DC-MD-VA	1	VA	ARTNVAAR	4
8	WASHINGTON DC-MD-VA	1	VA	ARTNVACK	4
8	WASHINGTON DC-MD-VA	1	VA	ARTNVACY	5
8	WASHINGTON DC-MD-VA	1	VA	ARTNVAFC	5
8	WASHINGTON DC-MD-VA	1	VA	ASBNVAAS	6
8	WASHINGTON DC-MD-VA	1	VA	CLPPVACU	6
8	WASHINGTON DC-MD-VA	1	VA	CNVIVACT	4
8	WASHINGTON DC-MD-VA	1	VA	FLCHVAMF	5

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont'd) (T)

MSA ID	MSA Name	MSA Level	State	SWC CLLI	Price Band
8	WASHINGTON DC-MD-VA	1	VA	FRBGVAFB	5
8	WASHINGTON DC-MD-VA	1	VA	FRBGVALH	6
8	WASHINGTON DC-MD-VA	1	VA	FRFXVABF	5
8	WASHINGTON DC-MD-VA	1	VA	FRFXVAFF	4
8	WASHINGTON DC-MD-VA	1	VA	GRFLVAGF	6
8	WASHINGTON DC-MD-VA	1	VA	GVTNVAGR	6
8	WASHINGTON DC-MD-VA	1	VA	HRNDVADU	5
8	WASHINGTON DC-MD-VA	1	VA	HRNDVAHE	4
8	WASHINGTON DC-MD-VA	1	VA	HRNDVAST	5
8	WASHINGTON DC-MD-VA	1	VA	HRWDVAHW	6
8	WASHINGTON DC-MD-VA	1	VA	LRTNVAGU	6
8	WASHINGTON DC-MD-VA	1	VA	LSBGVALB	5
8	WASHINGTON DC-MD-VA	1	VA	MCLNVALV	4
8	WASHINGTON DC-MD-VA	1	VA	PNTGVADF	5
8	WASHINGTON DC-MD-VA	1	VA	RSTNVAFM	4
8	WASHINGTON DC-MD-VA	1	VA	SPFDVASP	5
8	WASHINGTON DC-MD-VA	1	VA	SPTSVASP	6
8	WASHINGTON DC-MD-VA	1	VA	VINNVAVN	6
8	WASHINGTON DC-MD-VA	1	VA	WRTNVAWR	5
13	PITTSBURGH PA	2	PA	ALQPPAAL	6
13	PITTSBURGH PA	2	PA	BGVLPABR	6
13	PITTSBURGH PA	2	PA	BLLVPABE	6
13	PITTSBURGH PA	2	PA	BLVNPABV	6
13	PITTSBURGH PA	2	PA	BRDDPABR	6
13	PITTSBURGH PA	2	PA	BTPKPABP	6
13	PITTSBURGH PA	2	PA	BVFLPABF	6
13	PITTSBURGH PA	2	PA	CARNPACA	6
13	PITTSBURGH PA	2	PA	CHRLPACH	6
13	PITTSBURGH PA	2	PA	CNBGPACA	6
13	PITTSBURGH PA	2	PA	CNLVPACO	6
13	PITTSBURGH PA	2	PA	CRAFPACR	6
13	PITTSBURGH PA	2	PA	CRPLPACO	6
13	PITTSBURGH PA	2	PA	DRMTPADO	5
13	PITTSBURGH PA	2	PA	ELZTPAET	6
13	PITTSBURGH PA	2	PA	FRCHPAFA	6
13	PITTSBURGH PA	2	PA	GLNSPAGL	6
13	PITTSBURGH PA	2	PA	GNBGPAGR	6
13	PITTSBURGH PA	2	PA	HMSTPAHO	6
13	PITTSBURGH PA	2	PA	IRWNPAIR	6
13	PITTSBURGH PA	2	PA	LTRBPALA	6
13	PITTSBURGH PA	2	PA	MCMRPAMC	6
13	PITTSBURGH PA	2	PA	MCPTPAMK	6
13	PITTSBURGH PA	2	PA	MCRKPAMR	6

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont'd) (T)

MSA ID	MSA Name	MSA Level	State	SWC CLLI	Price Band
13	PITTSBURGH PA	2	PA	MOVLPAMO	6
13	PITTSBURGH PA	2	PA	NWKNPANK	6
13	PITTSBURGH PA	2	PA	OKMTPAOA	6
13	PITTSBURGH PA	2	PA	PEHLPAPH	6
13	PITTSBURGH PA	2	PA	PITBPAAL	5
13	PITTSBURGH PA	2	PA	PITBPACA	6
13	PITTSBURGH PA	2	PA	PITBPADT	4
13	PITTSBURGH PA	2	PA	PITBPAEL	5
13	PITTSBURGH PA	2	PA	PITBPANS	6
13	PITTSBURGH PA	2	PA	PITBPAOK	5
13	PITTSBURGH PA	2	PA	PITBPASQ	5
13	PITTSBURGH PA	2	PA	PLHSPAPH	6
13	PITTSBURGH PA	2	PA	PYVLPAPE	4
13	PITTSBURGH PA	2	PA	RBTPPART	6
13	PITTSBURGH PA	2	PA	ROCHPARC	6
13	PITTSBURGH PA	2	PA	SHSAPASH	6
13	PITTSBURGH PA	2	PA	TRCKPATC	6
13	PITTSBURGH PA	2	PA	TRNTPATA	6
13	PITTSBURGH PA	2	PA	UNTNPAUN	6
13	PITTSBURGH PA	2	PA	WASHPAWA	6
13	PITTSBURGH PA	2	PA	WKBGPAWK	4
13	PITTSBURGH PA	2	PA	WMFLPAWM	6
14	BALTIMORE MD	1	MD	ABRDMDAB	6
14	BALTIMORE MD	1	MD	ANNPMDAN	4
14	BALTIMORE MD	1	MD	ARBTMDAR	6
14	BALTIMORE MD	1	MD	ARMGMDAR	6
14	BALTIMORE MD	1	MD	BLARMDBL	5
14	BALTIMORE MD	1	MD	BLTMMDCH	4
14	BALTIMORE MD	1	MD	BLTMMDED	6
14	BALTIMORE MD	1	MD	BLTMMDFR	6
14	BALTIMORE MD	1	MD	BLTMMDHM	6
14	BALTIMORE MD	1	MD	BLTMMDLB	6
14	BALTIMORE MD	1	MD	BLTMMDMD	6
14	BALTIMORE MD	1	MD	BLTMMDUV	5
14	BALTIMORE MD	1	MD	BLTMMDWL	5
14	BALTIMORE MD	1	MD	BLTMMDYK	5
14	BALTIMORE MD	1	MD	BRKLMDBK	6
14	BALTIMORE MD	1	MD	CHASMDCH	6
14	BALTIMORE MD	1	MD	CLMAMDCB	4
14	BALTIMORE MD	1	MD	CLMAMDOB	6
14	BALTIMORE MD	1	MD	CLVLMDCE	6
14	BALTIMORE MD	1	MD	COTNMDCR	6
14	BALTIMORE MD	1	MD	CTVLMDCT	6
14	BALTIMORE MD	1	MD	CYVLMDCK	5
14	BALTIMORE MD	1	MD	CYVLMDDA	5

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14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont'd) (T)

MSA ID	MSA Name	MSA Level	State	SWC CLLI	Price Band
14	BALTIMORE MD	1	MD	DNDLMDDN	6
14	BALTIMORE MD	1	MD	DRCRMDDC	6
14	BALTIMORE MD	1	MD	EDWDMDEG	6
14	BALTIMORE MD	1	MD	EKRGMDEL	6
14	BALTIMORE MD	1	MD	ELCYMDEL	5
14	BALTIMORE MD	1	MD	ESSXMDEX	6
14	BALTIMORE MD	1	MD	FPATMDFR	6
14	BALTIMORE MD	1	MD	GLBRMDGL	5
14	BALTIMORE MD	1	MD	HDGRMDHV	6
14	BALTIMORE MD	1	MD	LARLMDLR	4
14	BALTIMORE MD	1	MD	NRPNMDNP	6
14	BALTIMORE MD	1	MD	ODTNMDON	6
14	BALTIMORE MD	1	MD	OWMLMDOM	6
14	BALTIMORE MD	1	MD	PARLMDPA	6
14	BALTIMORE MD	1	MD	PIVLMDPK	5
14	BALTIMORE MD	1	MD	PKVLMDPK	6
14	BALTIMORE MD	1	MD	PRHLMDPH	6
14	BALTIMORE MD	1	MD	RNTWMDRA	6
14	BALTIMORE MD	1	MD	RSTWMDRS	6
14	BALTIMORE MD	1	MD	SVPKMDSP	6
14	BALTIMORE MD	1	MD	SYVLMDSK	6
14	BALTIMORE MD	1	MD	TWSNMDTW	4
14	BALTIMORE MD	1	MD	WDLWMDWL	6
14	BALTIMORE MD	1	MD	WMNSMDWM	6
43	NORFOLK-VIRIGINA BEACH PORTSMOTH VA/NC, a.k.a. (NORFOLK)				
43	(NORFOLK)	2	VA	CHSKVACD	6
43	(NORFOLK)	2	VA	CHSKVADC	6
43	(NORFOLK)	2	VA	CHSKVAGU	6
43	(NORFOLK)	2	VA	NRFLVABL	6
43	(NORFOLK)	2	VA	NRFLVABS	4
43	(NORFOLK)	2	VA	NRFLVAGS	5
43	(NORFOLK)	2	VA	NRFLVASP	6
43	(NORFOLK)	2	VA	NRFLVAWC	5
43	(NORFOLK)	2	VA	PTMOVAHF	6
43	(NORFOLK)	2	VA	PTMOVAHS	6
43	(NORFOLK)	2	VA	SFFLVASK	6
43	(NORFOLK)	2	VA	VRBHVACC	5
43	(NORFOLK)	2	VA	VRBHVAGN	6
43	(NORFOLK)	2	VA	VRBHVAIL	6
43	(NORFOLK)	2	VA	VRBHVAIR	5
43	(NORFOLK)	2	VA	VRBHVAPT	5
43	(NORFOLK)	2	VA	VRBHVARC	6
43	(NORFOLK)	2	VA	VRBHVAVB	5

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont'd) (T)

MSA ID	MSA Name	MSA Level	State	SWC CLLI	Price Band
56	SCRANTON-WILKES-BARRE -HAZELTON PA, a.k.a. (SCRANTON)				
56	(SCRANTON)	2	PA	BEWKPABR	6
56	(SCRANTON)	2	PA	BMBGPABL	6
56	(SCRANTON)	2	PA	BRCKPAES	6
56	(SCRANTON)	2	PA	CRDLPACA	6
56	(SCRANTON)	2	PA	HZTNPAHZ	5
56	(SCRANTON	2	PA	JRMYPAJE	6
56	(SCRANTON)	2	PA	KGTNPAES	6
56	(SCRANTON)	2	PA	MOSCPAMC	6
56	(SCRANTON)	2	PA	MSCWPAMW	6
56	(SCRANTON)	2	PA	MTPCPAMP	6
56	(SCRANTON)	2	PA	NNTCPANA	6
56	(SCRANTON	2	PA	OLYPPAOL	6
56	(SCRANTON)	2	PA	PTTNPAPI	6
56	(SCRANTON)	2	PA	SCTNPASC	4
56	(SCRANTON)	2	PA	SRBGPAST	5
56	(SCRANTON)	2	PA	TNVLPATA	6
56	(SCRANTON)	2	PA	WLBRPAWB	5
58	ALLENTOWN-BETHLEHEM-EASTON PA, a.k.a. (ALLENTOWN)				
58	(ALLENTOWN)	1	NJ	HKTNNJHT	6
58	(ALLENTOWN)	1	NJ	PHBGNJPH	6
58	(ALLENTOWN)	1	NJ	WASHNJWA	6
58	(ALLENTOWN)	1	PA	ALTWPAAL	4
58	(ALLENTOWN)	1	PA	ALTWPAMT	4
58	(ALLENTOWN)	1	PA	BHLHPABE	4
58	(ALLENTOWN)	1	PA	CTSQPACT	5
58	(ALLENTOWN)	1	PA	ESTNPAEA	5
58	(ALLENTOWN)	1	PA	KHVLPAKU	6
58	(ALLENTOWN)	1	PA	NATNPANR	6
58	(ALLENTOWN)	1	PA	NZRTPANA	5
59	RICHMOND	2	VA	ASLDVAAS	6
59	RICHMOND	2	VA	BTHIVABT	6
59	RICHMOND	2	VA	CHESVACR	6
59	RICHMOND	2	VA	MCHVVAMV	6
59	RICHMOND	2	VA	MDLTVAMD	6
59	RICHMOND	2	VA	PWHTVAPW	6
59	RICHMOND	2	VA	RCMDVACG	6
59	RICHMOND	2	VA	RCMDVAGK	6

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont'd) (T)

MSA ID	MSA Name	MSA Level	State	SWC CLLI	Price Band
59	RICHMOND	2	VA	RCMDVAGR	4
59	RICHMOND	2	VA	RCMDVAGY	6
59	RICHMOND	2	VA	RCMDVAHL	5
59	RICHMOND	2	VA	RCMDVAHR	6
59	RICHMOND	2	VA	RCMDVAHS	6
59	RICHMOND	2	VA	RCMDVAIT	6
59	RICHMOND	2	VA	RCMDVALS	5
59	RICHMOND	2	VA	RCMDVAPE	5
59	RICHMOND	2	VA	RCMDVAPS	5
59	RICHMOND	2	VA	RCMDVARA	6
59	RICHMOND	2	VA	RCMDVASN	6
59	RICHMOND	2	VA	RCMDVASR	4
59	RICHMOND	2	VA	SNTNVASS	6
69	WILMINGTON-NEWARK DE-MD	2	DE	HCKSDEHC	6
69	WILMINGTON-NEWARK DE-MD	2	DE	HLOKDEHL	6
69	WILMINGTON-NEWARK DE-MD	2	DE	MDTWDEMT	6
69	WILMINGTON-NEWARK DE-MD	2	DE	MSTNDEMA	6
69	WILMINGTON-NEWARK DE-MD	2	DE	NWCSDENC	6
69	WILMINGTON-NEWARK DE-MD	2	DE	NWRKDENB	4
69	WILMINGTON-NEWARK DE-MD	2	DE	TLVLDETV	6
69	WILMINGTON-NEWARK DE-MD	2	DE	WLMGDEPR	6
69	WILMINGTON-NEWARK DE-MD	2	DE	WLMGDEWL	4
69	WILMINGTON-NEWARK DE-MD	2	DE	WRHLDEWH	6
69	WILMINGTON-NEWARK DE-MD	2	MD	EKTNMDEK	5
69	WILMINGTON-NEWARK DE-MD	2	NJ	EMERNJEM	6
69	WILMINGTON-NEWARK DE-MD	2	NJ	PGRVNJPG	6
69	WILMINGTON-NEWARK DE-MD	2	NJ	SALMNJSA	6
69	WILMINGTON-NEWARK DE-MD	2	NJ	WDTWNJWT	6
84	HARRISBURGH-LEBANON-CARLISLE PA, a.k.a. (HARRISBURGH)				
84	(HARRISBURGH)	2	PA	CPHLPACH	6
84	(HARRISBURGH)	2	PA	ENOLPAEN	6
84	(HARRISBURGH)	2	PA	HRBGPAHA	4
84	(HARRISBURGH)	2	PA	LBNNPAES	6
84	(HARRISBURGH)	2	PA	MBRGPAME	6
84	(HARRISBURGH)	2	PA	MDTNPAMI	6
84	(HARRISBURGH)	2	PA	NCLDPANC	5
84	(HARRISBURGH)	2	PA	PLMYPAPA	6
84	(HARRISBURGH)	2	PA	PXTGPAPG	5
84	(HARRISBURGH)	2	PA	PXTNPAPA	5
84	(HARRISBURGH)	2	PA	SLTNPAST	4

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14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont'd)

MSA ID	MSA Name	MSA Level	State	SWC CLLI	Price Band	
104	NEWPORT NEWS-HAMPTON VA	1	VA	HMPNVAAB	5	
104	NEWPORT NEWS-HAMPTON VA	1	VA	HMPNVADC	6	
104	NEWPORT NEWS-HAMPTON VA	1	VA	HMPNVAQN	4	
104	NEWPORT NEWS-HAMPTON VA	1	VA	HMPNVAWD	6	
104	NEWPORT NEWS-HAMPTON VA	1	VA	NWNWVAHU	6	
104	NEWPORT NEWS-HAMPTON VA	1	VA	NWNWVAHV	6	
104	NEWPORT NEWS-HAMPTON VA	1	VA	NWNWVAJF	5	
104	NEWPORT NEWS-HAMPTON VA	1	VA	NWNWVAND	6	
104	NEWPORT NEWS-HAMPTON VA	1	VA	NWNWVAYK	6	
104	NEWPORT NEWS-HAMPTON VA	1	VA	WLBGVAWM	5	
105	LANCASTER PA	2	PA	EPBGPAEP	6	
105	LANCASTER PA	2	PA	LNCSPALA	4	
105	LANCASTER PA	2	PA	MIVLPAMI	6	(D)
						(D)
118	READING PA	2	PA	LRDLPALB	6	
118	READING PA	2	PA	RDNGPARE	5	
118	READING PA	2	PA	SHLNPASH	6	
118	READING PA	2	PA	SLWBPASL	6	
118	READING PA	2	PA	SNSPPASS	6	
						(D)
						(D)
157	ROANOKE VA	2	VA	RONKVABK	6	
157	ROANOKE VA	2	VA	RONKVACS	6	
157	ROANOKE VA	2	VA	RONKVALK	4	
157	ROANOKE VA	2	VA	SALMVASA	6	
						(D)
						(D)
203	LYNCHBURG VA	1	VA	BDFRVABD	6	
203	LYNCHBURG VA	1	VA	LYBGVACH	5	
203	LYNCHBURG VA	1	VA	LYBGVACV	6	
203	LYNCHBURG VA	1	VA	LYBGVANL	6	
203	LYNCHBURG VA	1	VA	LYBGVATM	6	
203	LYNCHBURG VA	1	VA	SNMTVASM	6	
203	LYNCHBURG VA	1	VA	SWVLVASV	6	

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14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont'd)

MSA ID	MSA Name	MSA Level	State	SWC CLLI	Price Band
225	ALTOONA PA	1	PA	ALNAPAAL	5
225	ALTOONA PA	1	PA	HLBGPAHO	6
228	VINELAND-MILLVILLE-BRIDGETON NJ, a.k.a. (VINELAND)				
228	(VINELAND)	2	NJ	BGTNNJBG	6
228	(VINELAND)	2	NJ	MCTWNJPN	6
228	(VINELAND)	2	NJ	MLVLNJMI	6
228	(VINELAND)	2	NJ	VNLDNJVL	6
238	SHARON PA	2	PA	SHRNPASH	5
251	WILLIAMSPORT PA	2	PA	JRSHPAJS	6
251	WILLIAMSPORT PA	2	PA	WLPTPAWI	6
257	HAGERSTOWN MD	2	MD	HGTWMDHG	4
259	STATE COLLEGE PA	2	PA	BLLFPABE	6
259	STATE COLLEGE PA	2	PA	STCGPAES	4
000	DELAWARE DE	2	DE	CMDNDECD	6
000	DELAWARE DE	2	DE	DOVRDEDV	5
000	DELAWARE DE	2	DE	GRTWDEGR	6
000	DELAWARE DE	2	DE	LEWSDELW	6
000	DELAWARE DE	2	DE	MLFRDEMF	6
000	DELAWARE DE	2	DE	OCVWDEOC	6
000	DELAWARE DE	2	DE	RHBHDERB	6
000	DELAWARE DE	2	DE	SEFRDESF	6
000	DELAWARE DE	2	DE	SMYRDESM	6

(D)
(D)

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14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont’d)

(D)

(D)

14. Operating Territory of the Verizon Telephone Companies (Cont'd)

14.7 Metropolitan Statistical Areas (Cont’d)

(D)

(D)

ACCESS SERVICE

15. Exceptions to Access Service Offerings

The services offered under the provisions of this tariff are subject to availability as set forth in 2.1.4 preceding. In addition, the following exception applies:

15.1 The following offerings are limited to the same customer at the same location. Inside moves, rearrangements or additions will be permitted.

Interstate Served Direct Foreign Exchange Service

With the exception of Presubscription, as set forth in 4.2 preceding, the regulations and rates set forth in this tariff do not apply to customers of record as of December 11, 1984 for the type of connections and in the locations listed following. The regulations and rates for these connections are the applicable Telephone Exchange Service regulations and rates specified in the Local General Tariffs for the exchanges from which the connections are provided. In addition, regulations and rates for the associated channel between the locality in which the customer is located and the exchange from which the connection is provided, apply as specified in AT&T's Tariff F.C.C. No. 9 for Series 2000, Type 2006, Channels.

Customer Location		Exchange from which Connection is Provided	Type of Connection
Locality	State		
Oak Grove,	Maryland	Seaford, Delaware	4-Party
Reliance,	Maryland	Seaford, Delaware	4-Party
Haymaker,	New York	Eldred, Pennsylvania	Rural
Marydel,	Delaware	Greensboro, Maryland	Individual
Mason and Dixon	Pennsylvania	Hagerstown, Maryland	Individual
Middleburg	Pennsylvania	Hagerstown, Maryland	Individual
Wingerton	Pennsylvania	Hagerstown, Maryland	Individual

15. Exceptions to Access Service Offerings (Cont'd)

15.2 The following offering is limited to customers of record on December 31, 1983, and limited to the number of services provided as of that date. Inside moves and rearrangements will be permitted.

A. Easton, Pennysylvania Foreign Exchange Service Provisioned by Verizon Pennsylvania LLC to Phillipsburg, New Jersey Customers (T)

These customers are billed interstate intraLATA rates and charges as specified in sections 3 and 6 preceding for Pennsylvania Lineside BSA and Feature Group A service. Authority for the provision of service under this paragraph is contained in ORDER NO. 82-0192 (Nov. 15, 1985); United States District Court for the District of Columbia.

B. Cragmere, New Jersey Foreign Exchange Service Provisioned by Verizon New Jersey Inc. to Suffern, New York Customers

Cragmere, New Jersey foreign exchange service provided to Suffern, New York customers consists of Lineside BSA and Feature Group A Switched Access Service in the operating territory of Verizon New Jersey Inc., and Special Access Service between the Cragmere, New Jersey end office switch, where the FGA switching dial tone is provided, and the customer premises in Suffern, New York in the operating territory of Verizon New York Inc.

New York Telephone Company in whose operating territory the customer premises is located will accept the order for the foreign exchange service, notify the Verizon New Jersey Inc. of the order and coordinate the provision of the service. Each Exchange Telephone Company will render a bill to the customer for the portion of the foreign exchange service it provides. The rates and charges will be determined in the following manner:

ACCESS SERVICE

15. Exceptions to Access Service Offerings (Cont'd)

15.2 (Cont'd)

B. (Cont'd)

(1) The Lineside BSA and FGA rates and charges of Verizon New Jersey Inc., in whose operating territory the Cragmere, New Jersey end office switch providing the Lineside BSA and FGA switching dial tone is located, will apply.

(2) For the associated Special Access Service, one Channel Termination will be charged at rates and charges of Verizon New York Inc. in whose operating territory the customer premises in Suffern, New York is located. The channel mileage will be the airline distance measured, using the V&H coordinates method, between the customer premises serving wire center in Suffern, New York and the Cragmere, New Jersey end office switch, where FGA switching dial tone is provided. The rates are then apportioned using the method set forth in 2.4.7(F) preceding.

(3) Optional Features and Functions will be charged at the rates and charges of the Exchange Telephone Company that provides the element.

16. Packet Data Services

16.1 Reserved for Future Use (C)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

(D)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

16. Packet Data Services (Cont'd)

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(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

(D)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

16. Packet Data Services (Cont'd)

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(D)

16. Packet Data Services (Cont'd)

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(D)

16. Packet Data Services (Cont'd)

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(D)

(D)

16. Packet Data Services (Cont'd)

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(D)

(D)

(D)

16. Packet Data Services (Cont'd)

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(D)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

16. Packet Data Services

16.2 Reserved for Future Use (C)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

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(D)

16. Packet Data Services (Cont'd)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (T)

16.3.1 General

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

Exchange Access Frame Relay Service (XA-FRS) is a medium to high speed connection-oriented packet-switched data service that allows for the interconnection of Local Area Networks (LANs) or other compatible customer equipment across a wide area for the purpose of interstate access. XA-FRS allows for the transfer of variable length frames (packets). Frames are relayed by virtual connections although bandwidth is not dedicated to each virtual connection.

This service uses Permanent Virtual Connections (PVCs). A PVC is a logical channel from one Frame Relay port to another Frame Relay port. PVCs are end-to-end, bi-directional channels that are established and dis-established via the service order process. (M)

The following footnote is not applicable to the 56 kbps and 64 kbps UNI Port With Access Line Connection, 56 kbps, 64 kbps, and 128 kbps UNI Port Only Connection, 56 kbps, 64 kbps, and 128 kbps Backup UNI, PVC CIR, and Premier PVC rates elements of XA-FRS. Effective May 9, 2007, orders for new XA-FRS are no longer permitted. The Telephone Company will continue to provide XA-FRS pursuant to this Section 16.3.1 on any existing XA-FRS that is in-service as of May 9, 2007, or any order for XA-FRS that is placed with the Telephone Company prior to May 9, 2007 (collectively, Existing FRS), subject to the following conditions:

a. The Telephone Company will continue to provide Existing FRS to a term plan customer for an additional six (6) months beyond the expiration date of the customer's current commitment period at the existing rates of the current term plan, or until the customer replaces the Existing FRS with a comparable Telephone Company provided service, or discontinues service, whichever comes first. Subject to the availability of network facilities, moves are permitted provided that such moves do not require a new commitment period. Administrative changes that do not result in a physical change to the underlying UNI/NNI are permitted. Additions are not permitted.

b. The Telephone Company will continue to provide Existing FRS UNIs/NNIs purchased on a month-to-month basis until November 9, 2007, or until the customer replaces the Existing FRS with a comparable Telephone Company provided service, or discontinues service, whichever comes first. Moves, additions, and/or changes are not permitted.

@ For 56 kbps and 64 kbps UNI Port With Access Line Connection, 56 kbps, 64 kbps, and 128 kbps UNI Port Only Connection, 56 kbps, 64 kbps, and 128 kbps Backup UNI, PVC CIR, and Premier PVC rate elements, please refer to the @ footnote on Page 16-37.1. (N)

Certain material on this page formerly appeared on 1st Revised Page 16-37.1.

16. Packet Data Services (Cont'd)
16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)
16.3.1 General (Cont'd)

The Frame Relay standard specifies an address field called the Data Link Connection Identifier (DLCI). The DLCI specifies a connection (e.g., customer premises to LEC switch or LEC switch to interexchange carrier network). A PVC is comprised of two or more DLCIs.

This service, comprised of two Interfaces, a User Network Interface (UNI) and a Network-to-Network Interface (NNI), allows XA-FRS compatible customer premises equipment (CPE) to originate or terminate interexchange services. All UNI access facilities must be in conformance with American National Standards Institute (ANSI) Technical References ANSI T1.606-1990; ANSI T1.606, Addendum 1; ANSI T1.606a-1992; and ATIS T1.617-1991. All NNI access facilities must be in conformance with ANSI Technical Reference ANSI T1.606b-1993 and Technical Reference TR-TSV-061370, Issue 1.

XA-FRS may be connected to the following Telephone Company provided services, where such connections are technically and operationally feasible, as determined by the Telephone Company:

- asynchronous transfer mode cell relay service
- digital subscriber line service
- frame relay service

Service availability limited. Refer to # footnote on Page 16-37.

@ The following footnote is applicable to the 56 kbps and 64 kbps UNI Port With Access Line Connection, 56 kbps, 64 kbps, and 128 kbps UNI Port Only Connection, 56 kbps, 64 kbps, and 128 kbps Backup UNI, PVC CIR, and Premier PVC rates elements of XA-FRS (collectively, Narrowband XA-FRS). Effective February 26, 2013, orders for new Narrowband XA-FRS are no longer permitted. The Telephone Company will continue to provide Narrowband XA-FRS pursuant to this Section 16.3.1 on any existing Narrowband XA-FRS that is in-service as of February 26, 2013, or any order for Narrowband XA-FRS that is placed with the Telephone Company prior to February 26, 2013 (collectively, Existing Narrowband XA-FRS), subject to the following conditions: (N)

a. The Telephone Company will continue to provide Existing Narrowband XA-FRS to a term plan customer until the expiration date of the customer's current commitment period, and upon such expiration, on a Month-to-Month basis at monthly rates until the earlier of the date that customer replaces the Existing Narrowband XA-FRS with a comparable Telephone Company-provided service, or the date that customer discontinues the Existing Narrowband XA-FRS, or the date that Telephone Company discontinues Existing Narrowband XA-FRS.
b. The Telephone Company will continue to provide Existing Narrowband XA-FRS purchased on a Month-to-Month basis until the earlier of the date that customer replaces the Existing Narrowband XA-FRS with a comparable Telephone Company-provided service, or the date that customer discontinues service, or the date that Telephone Company discontinues service.
c. Subject to the availability of network facilities, moves are permitted provided that such moves do not require a new commitment period. Changes to UNI, PVC/CIR and Premier PVC are permitted. UNI adds are prohibited; however, PVC CIR and Premier PVC adds over existing UNIs are permitted.

Certain material formerly appearing on this page can now be found on 7th Revised Page 16-37. (N)

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.1 General

XA-FRS provides high-speed throughput over digital facilities at speeds of 56 kbps, 64 kbps, 128 kbps, 256 kbps, 384 kbps, 512 kbps, 768 kbps, 1.536 Mbps, 4 Mbps, 6 Mbps, 10 Mbps, 22 Mbps or 44.736 Mbps. Physical access to the Telephone Company Frame Relay network is provided via a UNI Port With Access Line Connection, a UNI Port Only Connection or a NNI Port Connection with a digital transmission facility.

UNI Port Only Connection also provides an XA-FRS Network connection to an appropriate CIS cross-connect within a wire center. Collocated Interconnection Service (CIS) Port Connection customers will continue to receive the same uninterrupted service under the Port Only Connection regulations set forth in 16.3.1(A)(2) following. (See Note below.)

A DS1 or a DS3 rated channel termination may be used as the NNI Port Connection transport link. Collocated Interconnection Services (CISs) as described in Section 19 following provide interoffice transport for NNI and UNI Port Only Connections.

When available, DS1 transport must be equipped with both B8ZS capability and Extended Super Frame (ESF), and DS3 transport must be equipped with B3ZS.

XA-FRS is ordered through the access service order process. The Access Order Service Date Interval for XA-FRS is negotiated. See Section 5.

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

Note: See Section 19 following for additional information.

ACCESS SERVICE

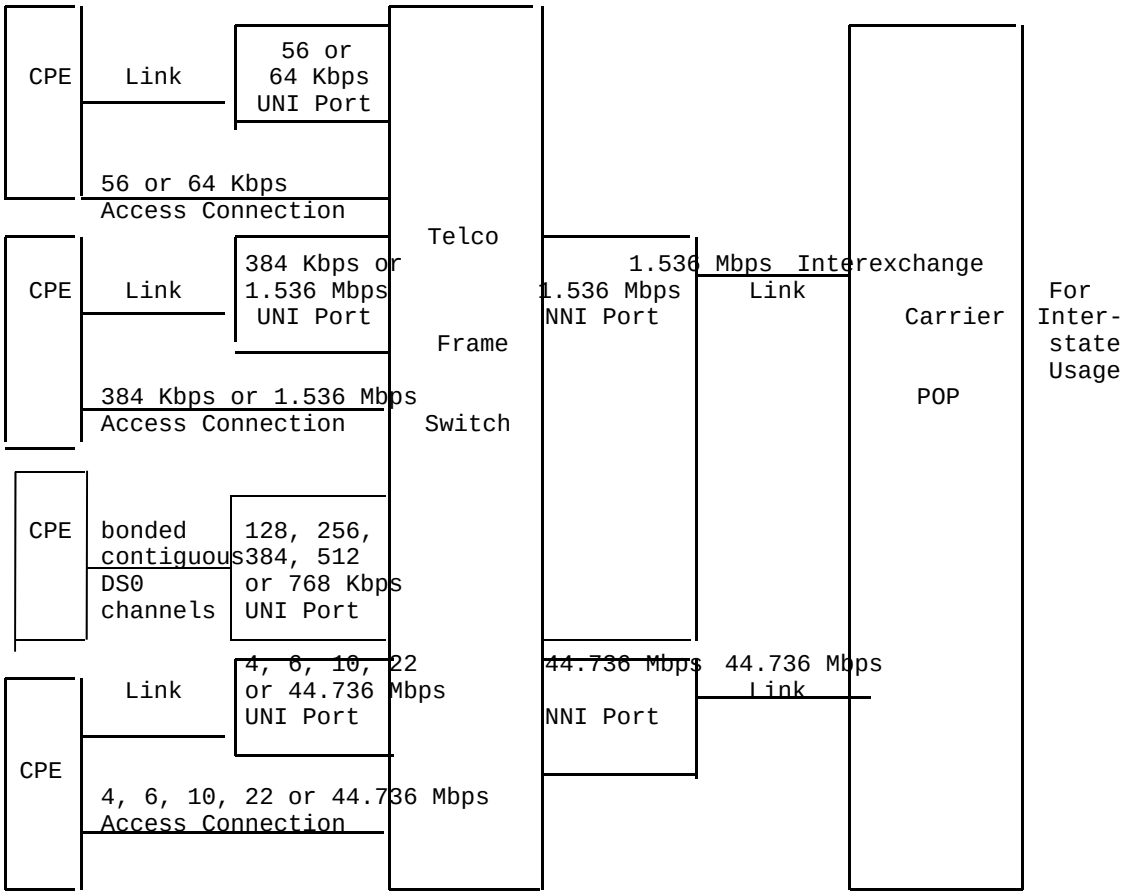
16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.1 General (Cont'd)

The following diagram depicts a generic view of the components of XA-FRS Service and the manner in which the components are combined to provide a complete XA-FRS connection.

FRAME RELAY SERVICE



#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.1 General (Cont'd)

(A) User Network Interface (UNI) Connections

The User Network Interface (UNI) is a standard interface used to connect the end user to the Telephone Company XA-FRS Network. It receives the data frame from the customer's Local Area Network or other CPE devices and verifies that the DLCI is valid before relaying the frame to the destination end point.

(1) The UNI Port With Access Line Connection consists of a 56 Kbps, 64 Kbps, 384 Kbps, 1.536 Mbps, 4 Mbps, 6 Mbps, 10 Mbps, 22 Mbps or a 44.736 Mbps digital facility from the customer premises to the XA-FRS network and the appropriate port interface connection. UNI Port with Access Line Connection also includes the transport from a customer’s serving wire center to a Frame Relay Switch, when required. The effective data rate of this line is 56 Kbps and 64 Kbps for narrowband connectivity and 384 Kbps, 1.536 Mbps, 4 Mbps, 6 Mbps, 10 Mbps, 22 Mbps, and 44.736 Mbps for wideband connectivity.

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.1 General (Cont'd)

(A) User Network Interface (UNI) Connections (Cont'd)

(2) UNIs are also provisioned as a Port Only Connection. UNI Port Only Connection provides an XA-FRS Network connection based on the port connection speeds of 56 kbps, 64 kbps, 128 kbps, 256 kbps, 384 kbps, 512 kbps, 768 kbps, 1.536 Mbps, 4 Mbps, 6 Mbps, 10 Mbps, 22 Mbps and 44.736 Mbps. The channel speed of the access channel must be sufficient to accommodate the XA-FRS port speed. Each port can accommodate multiple PVCs.

UNI Port Only Connections also provide an XA-FRS Network connection for a Collocated Interconnection Service (CIS) Cross-Connect Service or SPOT Bay Frame and Terminations service in a wire center. The respective CIS Cross-Connect service is described in Section 19. (See Note below.)

UNI Port Only Connections do not include transport from a customer's serving wire center to a Frame Relay Switch. Such transport, when required, is the responsibility of the customer and must be ordered separately. Rates and charges for transport to the Frame Relay Switch apply in addition to UNI Port Only rates and charges. For UNI Port Only Connections ordered to provide an XA-FRS Network Connection from a Collocation Interconnection Service Cross Connect, associated transport must be ordered from Section 19 of this tariff, as applicable.

Customers may access Port Only Connections via Telephone Company-provided digital access facilities or via facilities provided by another carrier. When access facilities are provided by the Telephone Company, the associated regulations, rates, and charges for the specific type of access service apply as specified in other sections of this Tariff from which the service is ordered. The access facilities rates and charges are in addition to the rates and charges for XA-FRS. Interconnection charges to connect access line services provided by the Telephone Company or another carrier may apply and will be billed separately. Any special construction or nonstandard charges assessed by the carrier supplying the access facilities will be the responsibility of the customer.

(3) Additional UNI Port With Access Line Connections and UNI Port Only Connections may be ordered under 16.3.1(D) following for disaster recovery of one or multiple UNI Port With Access Line Connections and UNI Port Only Connections and are referred to as Back-up UNIs.

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

NOTE: See Section 19 for additional information.

(This page filed under Transmittal No. 1220)

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.1 General (Cont'd)

(B) Network-to-Network Interface (NNI) Port Connection

The Network-to-Network Interface (NNI) specifies how an XA-FRS switch sends and receives data from a Frame Relay interexchange carrier's or other customer's network.

The NNI Port Connection provides connection of a digital transmission facility, including 1.536 Mbps/DS1, 44.736 Mbps/DS3 and CIS Cross Connects, to the Telephone Company's XA-FRS Network.

NNI Port Only Connections include interoffice mileage from a customer's serving wire center to a Frame Relay Switch. Rates and charges for applicable Channel Terminations are as specified in other sections of this tariff, as applicable.

(C) Committed Information Rate

The customer is required to specify either a Standard Committed Information Rate (CIR) per PVC at the rates set forth in 16.3.3(C) following or an Exchange Access Frame Relay Service to Exchange Access Asynchronous Transfer Mode Cell Relay Service Interworking (FRASI) CIR per PVC at the rates set forth in 16.3.3(D) following. Standard CIR provides the customer with a mechanism for prioritizing data on a per PVC basis across a given UNI. Both Standard and FRASI CIR allow a sustained throughput at a chosen rate without having any frames designated "discard eligible" under normal operating conditions. FRASI CIR enables the creation of a PVC that traverses both a Frame Relay switch and an ATM switch. FRASI CIR permits PVC paths to be established between Exchange Access Frame Relay Service subscribers and Exchange Access Asynchronous Transfer Mode Cell Relay Service users when interworking is available. Various CIR rates are available; however, 0 (zero) CIR is only available with 56 kbps ports provided under a Rate Stability Plan.

The customer must specify which UNI Port with Access Line Connection or UNI Port Only the standard PVC CIR will be billed against. FRASI CIR will be billed against the Exchange Access Frame Relay Service. PVC CIR cannot be billed against an NNI port.

(D) Optional UNI Features

Additional PVCs per UNI

This feature provides the assignment of additional Data Link Connection Identifiers (DLCIs). When any two DLCIs are mapped together, a PVC is created. Additional PVCs per UNI are subject to availability of facilities.

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

(This page filed under Transmittal No. 1220)

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.1 General (Cont'd)

(D) Optional UNI Features (Cont'd)

Group Addressing

Effective October 23, 2004, Group Addressing is no longer available to new customers. Moves, additions or changes to existing Group Addressing assignments will not be permitted. This feature allows a customer to send a single data unit across established PVCs to several intended recipients. The recipients are identified by an assignment of a group address used as the destination for the Frame Relay data unit. The DLCI assigned is now a group address.

Northern Corridor Option

The Northern Corridor Option provides UNI subscribers (UNI Port With Access Line Connection and UNI Port Only Connection subscribers) in the New Jersey – New York Corridor the ability to connect a PVC at a specified CIR between locations in Newark or Jersey City Wire Centers and New York, New York as specified in Section 14 preceding.

Southern Corridor Option

The Southern Corridor Option provides UNI subscribers (UNI Port With Access Line Connection and UNI Port Only Connection subscribers) in the New Jersey – Pennsylvania Corridor the ability to connect a PVC at a specified CIR between locations in the Delaware Valley New Jersey Wire Centers and Philadelphia, Pennsylvania Wire Centers as specified in Section 14 preceding.

Committed Information Rate (CIR) Optional Feature

CIR is no longer available to new customers as an optional feature. Effective October 23, 2004, CIR is a chargeable basic component of XA-FRS as specified in 16.3.1(C) preceding.

CIR is a feature that provides the customer with a mechanism for prioritizing data on a per PVC basis across a given UNI. A committed Information Rate allows a sustained throughput at a chosen rate without having any frames designated "discard eligible" under normal operating conditions. Various CIR rates are available; however, 0 (zero) CIR is only available with 56 and 64 Kbps ports.

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.1 General (Cont'd)

(D) Optional UNI Features (Cont'd)

Back-up UNI

Back-up UNI service is a disaster avoidance and disaster recovery feature that consists of a Primary UNI and a Backup UNI and incorporates PVC remapping capabilities of the XA-FRS network. The Primary UNI is terminated at the primary customer host location and in normal operation services PVCs between the primary host location and various customer remote locations. A second UNI, which is designated by the customer as a Backup UNI, is installed and terminated at the customer's backup host location. During normal operations, no PVCs are mapped to the Backup UNI. The customer is required to purchase both UNIs.

A customer ordering Backup UNI service is responsible for the following:

- Determining network configuration before and after activation of Backup UNI service.
- Providing the Telephone Company with the appropriate information required for joint development of the Backup UNI database.
- Maintaining its own port configurations and router tables (for seamless changes from the Primary UNI to the Backup UNI, the customer must use the same addressing scheme on routers connected to the primary and backup sites)

A Backup UNI, which may serve as a backup to one or more Primary UNIs, can only back up one Primary UNI at a time. A Backup UNI must be the same port speed or greater than the Primary UNI(s).

In the event of failure of a Primary UNI, digital access line or host location, the customer must contact the Telephone Company to request that the Primary UNI be remapped to the Backup UNI.

Upon restoral of the Primary UNI service, the customer must contact the Telephone Company to request that the Backup UNI be remapped back to the Primary UNI.

A nonrecurring charge applies, per Backup UNI, per occurrence, when a customer requests an activation of the Backup UNI service.

There is no charge for deactivation of Backup UNI service.

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.1 General (Cont'd)

(D) Optional UNI Features (Cont'd)

Premier Permanent Virtual Circuit (PVC)

Premier PVC is a chargeable optional feature that enables customers to assign a higher priority of service to customer-specified PVCs. Premier PVC is suitable for PVCs carrying delay-sensitive, loss-intolerant data. Premier PVC is provided subject to the availability of facilities and is offered with both Standard Committed Information Rate (CIR) and FRASI CIR.

(E) Reserved for Future Use

(F) Maintenance Window

Network maintenance and network upgrades for XA-FRS are performed during the hours of 11:00 p.m. and 8:00 a.m. At times, during the hours of maintenance activity, it will be necessary to place a customer's service in an inactive (out of service) condition. The amount of time that this scheduled out of service condition will exist is called a "maintenance window". The Company will provide the customer notice prior to the maintenance window. Maintenance window activity could be scheduled for consecutive days.

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.2 Rate Regulations

(A) Administrative Charge

An administrative charge will be applied whenever a change is made to a customer's Frame Relay configuration at the customer's request. Such changes are defined as those rearrangements necessary to add, delete, or rearrange the customer's configuration, including changes to a customer's selected carrier. Although multiple changes may be caused by such actions, only one administrative charge will apply.

The administrative charge also applies for customer-requested changes to the bandwidth capacity of existing circuits (e.g., 384 Kbps to 1.536 Mbps, or 4 Mbps to 10 Mbps). However, if the customer upgrades between service levels (e.g., 384 Kbps to 4 Mbps) or downgrades between service levels (e.g., 10 Mbps to 1.536 Mbps), the nonrecurring service charge associated with the new service level applies.

The administrative charge applies per occurrence, per UNI Port With Access Line Connection, UNI Port Only Connection or NNI Port Only Connection.

(B) Term Pricing Plans

Extended commitment periods of one, three and five year Term Pricing Plans (TPPs) are available for UNI Port With Access Line Connections and UNI Port Only Connections.

Customers may add UNI Port With Access Line Connections or UNI Port Only Connections to an existing TPP within the initial 12 months. Otherwise, additional UNI Port With Access Line Connections or UNI Port Only Connections will be in a separate and new term pricing plan.

Prior to the end of the term commitment period, the customer may select one of the following options, to be effective at the end of the term:

1. Renew for the same commitment period;
2. Commit to a new term of shorter or longer duration;
3. Arrange for a change of service; or
4. Discontinue service.

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

16. Packet Data Services (Cont'd)
16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)
16.3.2 Rate Regulations (Cont'd)
(B) Term Pricing Plans (Cont'd)

The following regulation applies to customers who enter into TPPs on or after October 23, 2004. In the event the customer does not select one of the above options, the customer will be converted to the shortest term period available under tariff (i.e., month-to-month, one year, etc.) for the same service, and will be subject to the applicable term commitment, if any, unless the customer terminates the service within sixty (60) days of the conversion date.

The following regulation applies to customers who entered into TPPs prior to October 23, 2004. Upon expiration of a TPP, the prevailing rates will apply.

(C) Termination Charges: Month-to-Month and TPPs

Each 56 Kbps, 64 Kbps, 384 Kbps, 1.536 Mbps, and 44.736 Mbps UNI Port With Access Line Connection provided on a month-to-month basis or on a Term Pricing Plan (1, 3 or 5 years) is subject to a minimum service period of one month.

Each 4 Mbps, 6 Mbps, 10 Mbps and 22 Mbps UNI Port With Access Line Connection provided on a month-to-month basis is subject to a minimum service period of three months.

Each 4 Mbps, 6 Mbps, 10 Mbps and 22 Mbps UNI Port With Access Line Connection provided on a TPP (1, 3, or 5 years) is subject to a minimum service period of 12 months.

Each 56 kbps, 64 kbps, 128 kbps, 256 kbps, 384 kbps, 512 kbps, 768 kbps, 1.536 Mbps and 44.736 Mbps UNI Port Only Connection provided on either a month-to-month basis or under a Term Pricing Plan is subject to a minimum period of one month.

Each 4 Mbps, 6 Mbps, 10 Mbps and 22 Mbps UNI Port Only Connection provided on a month-to-month basis is subject to a minimum period of three months.

Each NNI Port Only Connection provided on a month-to-month basis is subject to a minimum period of one month.

Term Pricing Plans are subject to early termination liability. In the event that service is disconnected in full or in part prior to completion of the term, the customer shall be liable for an early termination charge, except as noted following.

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.2 Rate Regulations (Cont'd)

(C) Termination Charges: Month-to-Month and TPPs (Cont'd)

For customers who enter into TPPs on or after October 23, 2004, the amount of the early termination charge will be 25% of the monthly recurring charge(s) (MRC) for the remainder of the term. For example:

25% X MRC X # of Port Only/Port With Access Line Connections X Remainder of Term = Termination Charge

For customers who entered into TPPs prior to October 23, 2004, the amount of the early termination charge will be the lessor of:

(1) an amount equal to the difference between the Month-to-Month monthly rate and the monthly rate for the selected term plan times the number of months or fraction thereof that the service was in effect;

or

(2) 25% of the monthly rate for the selected TPP times the number of months or fraction thereof remaining in the term.

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.2 Rate Regulations (Cont'd)

(C) Termination Charges: Month-to-Month and TPPs (Cont'd)

In addition, if a UNI Port With Access Line Connection is disconnected within the first 36 months, the customer is liable for the full installation charge associated with the Month-to-Month Plan.

For customers who enter into TPPs on or after October 23, 2004, early termination charges will apply only to those rate elements under a term commitment plan. If any rates for the service are increased during the term period, exclusive of any increase due to local, state or federal fees, taxes or surcharges, the customer may terminate the service without incurring an early termination charge.

For customers who entered into TPPs prior to October 23, 2004, if rates increase during the plan period, the customer may discontinue service without termination liability within 120 days of the rate increase. If the service is continued after the 120 days, all current plan terms and conditions apply, including termination liability.

Early termination charges will not be assessed under the following circumstances:

For service that is disconnected on or after February 26, 2013, no early termination charge will apply. (N) (N)

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.2 Rate Regulations (Cont'd)

(C) Termination Charges: Month-to-Month and TPPs (Cont'd)

Customer moves existing service either to a new location within the same address and/or same building (inside move) or to a new location (outside move) and maintains that service for the remainder of the term;

Customer converts to a new term commitment plan for the same service before the current term commitment expires and the value of the new term commitment is equal to or greater than the remaining value of the current term commitment; or

Customer changes to another service or upgrades service to a higher speed or capacity under a term agreement, provided the following conditions are met: (Z)

1. The value of the new term commitment is equal to or greater than the remaining value of the current term commitment;
2. Both the existing and the new services are provided solely by the Telephone Company; and
3. The order to discontinue the existing service and the order for the new or upgraded service are received by the Telephone Company at the same time.

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.2 Rate Regulations (Cont'd)

(D) Nonrecurring Charges

A nonrecurring charge applies for each installation of certain XA-FRS rate elements. This charge also applies whenever the facility associated with the rate element is moved, changed or rearranged. The charge is not applicable when a customer converts from one term plan to another and there is no physical change in the service facility.

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.2 Rate Regulations (Cont'd)

(E) Rate Stability Plans

(1) This Exchange Access Frame Relay Service Rate Stability Plan (XA-FRS RSP) allows customers to stabilize their 56 Kbps UNI Port With Access Line Connection recurring and nonrecurring rates for an extended period of three or five years. For Rate Stability Plan customers of record prior to October 23, 2004, a CIR feature is included in the RSP UNI Port With Access Line Connection rate as an option at speeds of 0, 8, 16 and/or 28 Kbps. Effective October 23, 2004, the CIR feature is a required component included in the RSP UNI Port with Access Line Connection rate at speeds of 0, 8, 16 and/or 28 Kbps.

(2) An RSP customer is guaranteed not to experience a rate increase during the term of the 3 or 5-year RSP. The XA-FRS RSP is available to any customer who meets the minimum service requirements and agrees to the plan's terms and conditions.

(3) The minimum service requirements are:

(a) A commitment of a minimum of 300 56 Kbps UNI Port With Access Line Connections. Effective May 21, 2005 and thereafter, the minimum commitment of 300 56 Kbps UNI Port With Access Line Connections will also apply to Rate Stability Plans established prior to May 21, 2005.

(b) Installation of at least 300 UNI Port With Access Line Connections within one year of the initial order or contract date.

(4) The terms and conditions are:

(a) The nonrecurring and recurring rates will remain stable or decrease during the plan period.

(b) New 56 Kbps UNI Port With Access Line Connections may be added to the plan subject to the plan's rate, expiration date, and terms and conditions.

(c) Optional features of XA-FRS (excluding 0, 8, 16, and 28 Kbps CIR for customers of record prior to October 23, 2004) are not a part of the plan but are available at standard rates.

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.2 Rate Regulations (Cont'd)

(E) Rate Stability Plans (Cont'd)

(4) (Cont'd)

(d) In the first year, customers will be billed for UNI Port With Access Line Connections as they are installed. After the initial 12 months of the RSP, customers are billed for the minimum commitment level and for each UNI Port With Access Line Connection that exceeds 300.

(e) There is no minimum revenue guarantee or termination liability for any UNI Port With Access Line Connections in excess of the 300 minimum commitment level. CIR is not subject to termination liability.

(f) After the first year of the plan, customers are eligible for limited portability, i.e., the replacement of a UNI Port With Access Line Connection in the plan that is being disconnected with another 56 Kbps UNI Port With Access Line Connection for the balance of the RSP. Portability requirements are:

- The replacement service can not already be in any Telephone Company term plan.

- The orders to disconnect the existing service and connect the replacement must be received at the same time, with due dates within 90 days of each other, and related by a Related Purchase Order Number (RPON).

- No more than 30 percent of the plan's access connections in place on the first year's anniversary date and each succeeding anniversary date are eligible for portability over the next 12 months. When more than 30 percent of the access connections in the plan are replaced in the same contract year (from last anniversary date to the next), all access connections in the plan will be billed at the Month-to-Month rate for the remainder of that contract year.

- The replacement service is subject to any applicable nonrecurring charges.

(g) Existing 56 Kbps UNI Port With Access Line Connections can be converted to a RSP service without additional charge as long as there is no change in the physical facility.

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.2 Rate Regulations (Cont'd)

(E) Rate Stability Plans (Cont'd)

(4) (Cont'd)

(h) Prior to February 26, 2013, if at any time during the plan period, the customer disconnects all plan services or the plan in its entirety, the customer will be subject to termination liability. Termination liability will be the lesser amount of the two calculations following: (C)

- The sum of the monthly rates for 300 UNI Port With Access Line Connections for the remainder of the RSP period.

- An amount equal to the difference between the monthly rate for basic Month-to-Month service and the selected RSP monthly rate times each UNI Port With Access Line Connection disconnected times the number of months the plan was in service.

(i) Effective February 26, 2013, if at any time during the remaining plan period the customer disconnects all plan services or the plan in its entirety, no termination liability will apply. (N) | | (N)

(F) Northern and Southern Corridor Options

The Northern Corridor Option is available on a Month-to-Month basis or may be included in the one-year, three-year or five-year term plan of the underlying UNI.

The Southern Corridor Option is available to customers at no charge.

(G) Premier PVC

A monthly recurring charge applies, on a per CIR basis, for each Premier PVC optional feature ordered. This charge applies in addition to the Standard or FRASI CIR rate element.

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

16. Packet Data Services (Cont'd
16.3 Exchange Access Frame Relay Service#@ (Cont'd)

(T)

16.3.2 Rate Regulations (Cont'd)

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.3 Rates and Charges

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

	USOC	Monthly Charge	Nonrecurring Charge
(A) UNI Connections			
(1) UNI Port With Access Line Connection			
56 Kbps			
Month-to-Month	NLZ5X	$ 186.51	$ 875.00
One Year TPP	NLZ51	175.00	N/A
Three Year TPP	NLZ53	170.52	N/A
Five Year TPP	NLZ55	159.86	N/A
64 Kbps			
Month-to-Month	NLZYX	186.51	875.00
One Year TPP	NLZY1	175.00	N/A
Three Year TPP	NLZY3	170.52	N/A
Five Year TPP	NLZY5	159.86	N/A
384 Kbps			
Month-to-Month	NLZ6X	367.00	1,000.00
One Year TPP	NLZ61	351.50	N/A
Three Year TPP	NLZ63	336.00	N/A
Five Year TPP	NLZ65	325.00	N/A
1.536 Mbps			
Month-to-Month	NLZ8X	463.60	1,000.00
One Year TPP	NLZ81	445.00	N/A
Three Year TPP	NLZ83	426.30	N/A
Five Year TPP	NLZ85	404.99	N/A
4 Mbps			
Month-to-Month	NLXQX	3,000.00	1,500.00
One Year TPP	NLXQ1	2,850.00	N/A
Three Year TPP	NLXQ3	2,451.23	N/A
Five Year TPP	NLXQ5	2,238.08	N/A
6 Mbps			
Month-to-Month	NLXRX	3,450.00	1,500.00
One Year TPP	NLXR1	3,275.00	N/A
Three Year TPP	NLXR3	2,770.95	N/A
Five Year TPP	NLXR5	2,557.80	N/A

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.3 Rates and Charges (Cont'd)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

	USOC	Monthly Charge	Nonrecurring Charge
(1) UNI Port With Access Line Connection			
10 Mbps			
Month-to-Month	NLXXX	3,700.00	$1,500.00
One Year TPP	NLXX1	3,500.00	N/A
Three Year TPP	NLXX3	2,900.00	N/A
Five Year TPP	NLXX5	2,750.00	N/A
22 Mbps			
Month-to-Month	NLXSX	4,000.00	1,500.00
One Year TPP	NLXS1	3,800.00	N/A
Three Year TPP	NLXS3	3,197.25	N/A
Five Year TPP	NLXS5	2,984.10	N/A
44.736 Mbps			
Month-to-Month	NLXTX	4,500.00	1,500.00
One Year TPP	NLXT1	4,300.00	N/A
Three Year TPP	NLXT3	4,049.85	N/A
Five Year TPP	NLXT5	3,836.70	N/A

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

ACCESS SERVICE

16. Packet Data Services (Cont'd)
16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)
16.3.3 Rates and Charges (Cont'd)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

	USOC	Monthly Charge	Nonrecurring Charge
(2) UNI Port Only Connection			
56 Kbps			
Month-to-Month	FPUFX	$ 80.00	$300.00
One Year TPP	FPUF1	70.00	N/A
Three Year TPP	FPUF3	60.00	N/A
Five Year TPP	FPUF5	50.00	N/A
64 Kbps			
Month-to-Month	FPUAX	80.00	300.00
One Year TPP	FPUA1	70.00	N/A
Three Year TPP	FPUA3	60.00	N/A
Five Year TPP	FPUA5	50.00	N/A
128 Kbps			
Month-to-Month	FPUBX	157.33	300.00
One Year TPP	FPUB1	100.00	N/A
Three Year TPP	FPUB3	92.00	N/A
Five Year TPP	FPUB5	83.00	N/A
256 kbps			
Month-to-Month	FPUKX	165.00	300.00
One Year TPP	FPUK1	138.00	N/A
Three Year TPP	FPUK3	105.00	N/A
Five Year TPP	FPUK5	95.00	N/A
384 Kbps			
Month-to-Month	FPUCX	170.00	300.00
One Year TPP	FPUC1	150.00	N/A
Three Year TPP	FPUC3	125.00	N/A
Five Year TPP	FPUC5	110.00	N/A
512 kbps			
Month-to-Month	FPULX	185.00	300.00
One Year TPP	FPUL1	167.00	N/A
Three Year TPP	FPUL3	146.00	N/A
Five Year TPP	FPUL5	124.00	N/A
768 kbps			
Month-to-Month	FPUDX	200.00	300.00
One Year TPP	FPUD1	175.00	N/A
Three Year TPP	FPUD3	155.00	N/A
Five Year TPP	FPUD5	135.00	N/A
1.536 Mbps			
Month-to-Month	FPUEX	220.00	300.00
One Year Term	FPUE1	195.00	N/A
Three Year Term	FPUE3	165.00	N/A
Five Year Term	FPUE5	145.00	N/A

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

(Issued under Transmittal No. 1220)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.3 Rates and Charges (Cont'd)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

	USOC	Monthly Charge	Nonrecurring Charge
(2) UNI Port Only Connection (Cont'd)			
4 Mbps			
Month-to-Month	FPU4X	$ 790.00	$ 300.00
One Year Term	FPU41	770.00	N/A
Three Year Term	FPU43	675.00	N/A
Five Year Term	FPU45	620.00	N/A
6 Mbps			
Month-to-Month	FPU5X	830.00	300.00
One Year Term	FPU51	810.00	N/A
Three Year Term	FPU53	700.00	N/A
Five Year Term	FPU55	660.00	N/A
10 Mbps			
Month-to-Month	FPU6X	900.00	300.00
One Year Term	FPU61	870.00	N/A
Three Year Term	FPU63	760.00	N/A
Five Year Term	FPU65	700.00	N/A
22 Mbps			
Month-to-Month	FPU7X	1,200.00	300.00
One Year Term	FPU71	1,160.00	N/A
Three Year Term	FPU73	1,010.00	N/A
Five Year Term	FPU75	970.00	N/A
44.736 Mbps			
Month-to-Month	FPUOX	1,500.00	300.00
One Year Term	FPUO1	1,350.00	N/A
Three Year Term	FPUO3	1,125.00	N/A
Five Year Term	FPUO5	1,050.00	N/A

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.3 Rates and Charges (Cont'd)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(B) NNI Port Connection	USOC	Monthly Charge	Nonrecurring Charge
1.536 Mbps	NNL8X	234.47	300.00
44.736 Mbps	NNL9X	2,877.53	300.00

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.3 Rates and Charges (Cont'd)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(C) Standard Committed Information Rates

	USOC	Monthly Charge	Nonrecurring Charge	
0/8/16/28/32 Kbps	R3TG2	$ 5.00	$12.00	*
56/64 Kbps	R3TA1	2.00	12.00	**
0 Kbps#	R3TVX	1.00	N/A	
4 Kbps	R3TYX	1.00	N/A	
8 Kbps	R3TZX	1.00	N/A	
16 Kbps	R3TOX	1.00	N/A	
28 Kbps	R3TPX	2.00	N/A	
32 Kbps	R3TTX	2.00	N/A	
42 Kbps	R3XZX	2.00	N/A	
48 Kbps	R3X1X	2.00	N/A	
64 Kbps	R3TQX	3.00	N/A	
96 Kbps	R3X2X	4.00	N/A	
128 Kbps	R3TB1	5.00	N/A	
192 Kbps	R3TC1	7.00	N/A	
256 Kbps	R3TD1	9.00	N/A	
288 Kbps	R3X3X	10.00	N/A	
384 Kbps	R3TE1	12.00	N/A	
512 Kbps	R3TF1	25.00	N/A	
576 Kbps	R3X4X	26.00	N/A	
768 Kbps	R3TH1	28.00	N/A	
1.152 Mbps	R3X5X	36.00	N/A	

Only available with 56 kbps ports provided under a Rate Stability Plan
* Effective October 23, 2004, this rate element is no longer applicable to new customers.

** Effective October 23, 2004, this rate element is no longer applicable to new customers. The Telephone Company will continue to provide this rate element to existing customers until February 20, 2005. Customers will be required to migrate to one of the new required CIR speeds by one of the following methods:

1. Customer may request a new CIR from among the speeds available at the then effective rates set forth herein; or
2. Customer may take no action, and effective February 20, 2005, the customer will automatically be assigned to the new required CIR speed of 64 kbps; or
3. Customer may discontinue service at any time prior to February 20, 2005.

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.3 Rates and Charges (Cont'd)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(C) Standard Committed Information Rates (Cont'd)

	USOC	Monthly Charge	Nonrecurring Charge
1.536 Mbps	R3XW3	$46.00	N/A
2 Mbps	R3TW1	50.00	N/A
3 Mbps	R3XB3	75.00	N/A
4 Mbps	R3XC3	100.00	N/A
5 Mbps	R3XD3	125.00	N/A
6 Mbps	R3XE3	150.00	N/A
7 Mbps	R3XF3	175.00	N/A
8 Mbps	R3XG3	200.00	N/A
9 Mbps	R3XH3	225.00	N/A
10 Mbps	R3XJ3	250.00	N/A
11 Mbps	R3XK3	275.00	N/A
12 Mbps	R3XL3	300.00	N/A
13 Mbps	R3XM3	325.00	N/A
14 Mbps	R3XN3	350.00	N/A
15 Mbps	R3XO3	375.00	N/A
16 Mbps	R3XP3	400.00	N/A
17 Mbps	R3XQ3	425.00	N/A
18 Mbps	R3XR3	450.00	N/A
19 Mbps	R3XS3	475.00	N/A
20 Mbps	R3XT3	500.00	N/A
21 Mbps	R3XU3	525.00	N/A
22 Mbps	R3XV3	550.00	N/A

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.3 Rates and Charges (Cont'd)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(D) Exchange Access Frame Relay Service to Exchange Access Asynchronous Transfer Mode Cell Relay Service Interworking (FRASI) Committed Information Rates

	USOC	Monthly Charge	Nonrecurring Charge
4 Kbps	R3TYA	1.00	N/A
8 Kbps	R3TZA	1.00	N/A
16 Kbps	R3TOA	1.00	N/A
28 Kbps	R3TPA	2.00	N/A
32 Kbps	R3TTA	2.00	N/A
42 Kbps	R3XZA	2.00	N/A
48 Kbps	R3X1A	2.00	N/A
64 Kbps	R3TQA	3.00	N/A
96 Kbps	R3X2A	4.00	N/A
128 Kbps	R3TBA	5.00	N/A
192 Kbps	R3TCA	7.00	N/A
256 Kbps	R3TDA	9.00	N/A
288 Kbps	R3X3A	10.00	N/A
384 Kbps	R3TEA	12.00	N/A
512 Kbps	R3TFA	25.00	N/A
576 Kbps	R3X4A	26.00	N/A
768 Kbps	R3THA	28.00	N/A
1.152 Mbps	R3X5A	36.00	N/A
1.536 Mbps	R3XWA	46.00	N/A
2 Mbps	R3XAA	50.00	N/A
3 Mbps	R3XBA	75.00	N/A
4 Mbps	R3XCA	100.00	N/A
5 Mbps	R3XDA	125.00	N/A
6 Mbps	R3XEA	150.00	N/A
7 Mbps	R3XFA	175.00	N/A
8 Mbps	R3XGA	200.00	N/A
9 Mbps	R3XHA	225.00	N/A
10 Mbps	R3XJA	250.00	N/A
11 Mbps	R3XKA	275.00	N/A
12 Mbps	R3XLA	300.00	N/A
13 Mbps	R3XMA	325.00	N/A
14 Mbps	R3XNA	350.00	N/A
15 Mbps	R3XOA	375.00	N/A
16 Mbps	R3XPA	400.00	N/A
17 Mbps	R3XQA	425.00	N/A
18 Mbps	R3XRA	450.00	N/A
19 Mbps	R3XSA	475.00	N/A
20 Mbps	R3XTA	500.00	N/A
21 Mbps	R3XUA	525.00	N/A
22 Mbps	R3XVA	550.00	N/A

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.3 Rates and Charges (Cont'd)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

	USOC	Monthly Charge	Nonrecurring Charge
(E) Administrative Charge	NRBFR	$ 0.00	$ 50.00
(F) Optional UNI Features			
(1) Each Additional PVC	L7NAX	N/A	0.00
(2) Group Address*	G4A	N/A	35.00
(3) Committed Information Rates*	Refer to the rates and charges set forth in 16.3.3(C) preceding.		
(4) Backup UNI, per activation	NHC9K	N/A	200.00
(5) Premier PVC**, per CIR	QPF	$10.00	N/A

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

* Effective October 23, 2004, this rate element is no longer available to new customers.

** Rate applies in addition to the associated Standard or FRASI CIR rate.

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.3 Rates and Charges (Cont'd)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

	USOC	Monthly Charge	Nonrecurring Charge
(F) Optional UNI Features (Cont'd)			
(6) Northern Corridor Option			
At 16 Kbps CIR			
Mo-to-Mo	NLCOM	$ 0.00	$ 0.00
1-year	NLCO1	0.00	0.00
3-year	NLCO3	0.00	0.00
5-year	NLCO5	0.00	0.00
At 28 or 32 Kbps CIR			
Mo-to-Mo	NLCPM	0.00	0.00
1-year	NLCP1	0.00	0.00
3-year	NLCP3	0.00	0.00
5-year	NLCP5	0.00	0.00
At 56* or 64 Kbps CIR			
Mo-to-Mo	NLCAM	0.00	0.00
1-year	NLCA1	0.00	0.00
3-year	NLCA3	0.00	0.00
5-year	NLCA5	0.00	0.00
At 128 or 192 Kbps CIR			
Mo-to-Mo	NLCLM	0.00	0.00
1-year	NLCL1	0.00	0.00
3-year	NLCL3	0.00	0.00
5-year	NLCL5	0.00	0.00
At 256 or 384 Kbps CIR			
Mo-to-Mo	NLCRM	0.00	0.00
1-year	NLCR1	0.00	0.00
3-year	NLCR3	0.00	0.00
5-year	NLCR5	0.00	0.00
At 512 or 768 Kbps CIR			
Mo-to-Mo	NLCMM	0.00	0.00
1-year	NLCM1	0.00	0.00
3-year	NLCM3	0.00	0.00
5-year	NLCM5	0.00	0.00

(G) Reserved for Future Use

* Refer to 16.3.3(C) for 56 Kbps availability.
#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service#@ (Cont'd) (T)

16.3.3 Rates and Charges (Cont'd)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

	USOC	Monthly Charge	Nonrecurring Charge
(H) UNI Port With Access Line Connection 56 Kbps Rate Stability Plans			
3-Year RSP	NLZ5T	$106.00	$0.00
5-Year RSP	NLZ5R	95.80	0.00

#@ Service availability limited. Refer to # footnote on Page 16-37 and @ footnote on Page 16-37.1. (C) (C)

16. Packet Data Services (Cont'd)

16.4 Reserved (C)

(D)

(D)

16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

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(D)

16. Packet Data Services (Cont'd)

16.5 IP (Internet Protocol) Routing Service

16.5.1 Service Description

The Telephone Company's IP (Internet Protocol) Routing Service, IPRS, provides for the collection, concentration and management of the customer's data traffic within a LATA. IPRS consists of network routers located at LATA hub sites that will collect the customer's end user data traffic and concentrate it for connection and transport over the Telephone Company's Packet Data Service to a customer's designated location.

The customer has the option of utilizing, as a feature of IPRS, Single Number Routing in lieu of local telephone numbers, which are included as part of IPRS. This option provides for all end users in a defined geographic area (i.e., a LATA) to have access to the customer via one specialized telephone number. The end user can initiate a call within the service area to the customer, and the call will be treated as a local call by the Telephone Company for the connection and duration of the call. This option is part of the standard IPRS offering and is included in the rates and charges for IPRS at no additional charge.

The following two alternatives are offered to the customer under this option:

1. The Telephone Company will assign a Single Number Routing telephone number from a 500 NPA; or
2. The customer can provide the Telephone Company with its own 555-XXXX telephone number acquired from the North American Numbering Plan Administration.

For those customers that opt for Single Number Routing, the Telephone Company will provision either a single 500 or 555 telephone number. If the customer requests additional 500 or 555 telephone numbers, special assembly charges will apply.

IPRS provides two types of ports for the collection of end user data traffic. The port type(s) is/are determined by the method(s) chosen by the customer for access to its end user(s). The two port types are:

16. Packet Data Services (Cont'd)

16.5 IP (Internet Protocol) Routing Service (Cont'd)

16.5.1 Service Description (Cont'd)

1) Dial-up Port
2) IPRS DS1/1.544 Mbps Port*

The Dial-up Port type is intended for use with a single computer connection and not for connection to a Local Area Network (LAN).

IPRS does not include the end user access service. End user services and facilities are available from this and other public telephone network tariffs.

IPRS requires the use of RADIUS (Remote Authentication Dial-In User Service), a network security protocol, for the customer's authentication and authorization of its dial-up end user(s). See Section 16.5.2 following for technical references.

Maintenance and upgrades for IPRS are performed during the hours of 11:00 p.m. and 8:00 a.m. At times, during the hours of maintenance activity, it will be necessary to place a customer's service in an inactive or out-of-service condition. The amount of time that this scheduled out-of-service condition will exist is called a "maintenance window." The Telephone Company will provide the customer notice prior to the maintenance window and will work cooperatively with the customer to minimize service disruption. Maintenance window activity could be scheduled for consecutive days.

16.5.2 Technical Specifications

IPRS is provided in compliance with standards established by the Internet Architecture Board as stated in the following publications:

STD 0001: Internet Official Protocol Standards, J Postel, Editor. (T) (T)

RFC 2138, Remote Authentication Dial-In User Service (RADIUS); C Rigney, A. Rubens, W. Simpson, S. Wilens. (T) (T)

* Effective September 15, 2001, the IPRS DS1/1.544 Mbps Port will no longer be available for new service requests.

16. Packet Data Services (Cont'd)

16.5 IP (Internet Protocol) Routing Service (Cont'd)

16.5.3 Terms and Conditions

(A) IPRS is a hubbed service. IPRS wire centers are designated in (B) following.

(B)

LATA	HUB Wire Center
Washington	Arlington
Washington	Gaithersburg
Washington	Reston - Fox Mills
Washington	Waldorf
Washington	Washington, D.C.
Baltimore	Columbia
Baltimore	Crofton
Baltimore	Westminster
Baltimore	Towson
Roanoke	Roanoke
Roanoke	Blacksburg
Roanoke	Norton
Salisbury	Salisbury
Culpeper	Culpeper
Culpeper	Fredericksburg
Culpeper	Leesburg
Hagerstown	Fredrick
Hagerstown	Hagerstown
Hagerstown	Martinsburg
Norfolk	Aberdeen
Richmond	Chester
Philadelphia	Conshohocken
Philadelphia	Ardmore
Philadelphia	Springfield
Philadelphia	Hatboro
Philadelphia	Newtown
Philadelphia	Doylestown
Philadelphia	Pottstown
Philadelphia	Exton
Philadelphia	West Chester
Philadelphia	Reading
Philadelphia	Market
Philadelphia	Mountainville
Philadelphia	Perkasie
Altoona	Altoona
Altoona	Barnesboro
Altoona	State College
Lynchburg	Church Street

16. Packet Data Services (Cont'd)

16.5 IP (Internet Protocol) Routing Service (Cont'd)

16.5.3 Terms and Conditions (Cont'd)

(B) (Cont'd)

LATA	HUB Wire Center
Pittsburgh	Downtown
Pittsburgh	Uniontown
Pittsburgh	Bethel Park
Pittsburgh	Washington
Pittsburgh	Greenburg
Pittsburgh	Robinson Township
Pittsburgh	Perrysville
Pittsburgh	Oakmont
Pittsburgh	Monroeville
Pittsburgh	Beaver Falls
Capital	Harrisburg
Capital	Lebanon
Capital	Millersville
Capital	Newark
Capital	Dover
Capital	Georgetown
North Jersey	New Brunswick
North Jersey	Toms River
North Jersey	Lakewood
North Jersey	Spring Lake
North Jersey	Middletown
North Jersey	Jamesburg
North Jersey	Woodbridge
North Jersey	Plainfield
North Jersey	Bernardsville
North Jersey	Madison
North Jersey	Newark 2
North Jersey	Little Falls
North Jersey	Cliffside park
North Jersey	Closter
North Jersey	Ramsey
North Jersey	West Milford
North Jersey	Succasunna
North Jersey	Washington
Delaware Valley	Collingswood
Delaware Valley	Camden
Delaware Valley	Ewing
Delaware Valley	Burlington
Delaware Valley	Mount Holly
Delaware Valley	Wenonah
Delaware Valley	Vineland
Atlantic Coastal	Ocean City
Atlantic Coastal	Hammonton
Atlantic Coastal	Pleasantville
Atlantic Coastal	Wildwood
Northeast	Scranton

(D)
|
|
(D)

16. Packet Data Services (Cont'd)

16.5 IP (Internet Protocol) Routing Service (Cont'd)

16.5.3 Terms and Conditions (Cont'd)

(C) IPRS is available on a month-to-month basis and for commitment periods of 3 years and 5 years.

(D) Month-to-month service is subject to a minimum service period of 12 months.

(E) Customers electing a 3-year or 5-year term must also select a minimum port volume for the service period.

(F) IPRS is provided on a negotiated service date interval.

(G) IPRS is monitored and maintained 24 hours-a-day 7 days-a-week for trouble isolation and resolution.

(H) The customer is responsible for purchasing an adequate quantity of ports to accommodate originating dial-up traffic, which is delivered to the selected IPRS hub(s) for aggregation and routing to the customer's host location. A Port Capacity Report, furnished by the Telephone Company, that indicates 100% utilization for 30 minutes or more during any one-week period will require the customer to augment their port capacity accordingly in the affected hub(s).

16. Packet Data Services (Cont'd)

16.5 IP (Internet Protocol) Routing Service (Cont'd)

16.5.4 Rate Regulations

A) All rate categories are billed monthly.

B) Nonrecurring charges apply for the installation of each port as set forth in Section 16.5.6 following.

A conversion of service to a new commitment period of equal or greater length than the remainder of the existing term does not incur nonrecurring charges for the existing port.

C) When the customer's commitment period ends, the rates associated with the quantity of ports installed under such commitment period will remain in effect.

D) Termination liability applies when a port is disconnected prior to the end of the minimum service period or prior to the end of the selected commitment period. Liability is assessed as follows:

Month-to-Month Service: The customer is responsible for 100% of the monthly rates for the entire 12-month minimum service period.

3 and 5-Year Terms: The customer is responsible for 100% of the monthly rate for the first 12 months and 15% of the remaining monthly charges.

Termination liability is waived if a port is converted to another term of equal or greater value in revenue than the remainder of the present term.

Termination liability is waived when a customer replaces one port for another type and commits to a term of equal or greater value in revenue than the remainder of the current commitment. The replacement is subject to applicable nonrecurring charges.

If the customer’s recurring rate increases, the customer may discontinue service without liability.

16. Packet Data Services (Cont'd)

16.5 IP (Internet Protocol) Routing Service (Cont'd)

16.5.4 Rate Regulations (Cont'd)

(E) Customers with a 3-year or 5-year term commitment must order service with a volume commitment, enabling the customer to receive the discount applicable to the appropriate volume tier for the committed volume for all ports subscribed. Customers with this option and a 3-year term will have 12 months after the initial port installation to reach the committed port volume. Customers with a 5-year term who select this option will have 24 months after the initial port installation to reach the committed volume.

Six months after the end of the appropriate 12 or 24 month installation window, a review of the customer's account will be performed to verify that the committed volume level has been achieved. Rates will be adjusted accordingly based upon the number of ports in service.

Failure to achieve the guaranteed quantity of ports within the specified time frame will result in all ports being rerated to the applicable monthly rate for the quantity actually in service. In addition, a liability charge equal to the monthly rate per port at the guaranteed commitment level multiplied by the port shortfall (the difference between the committed volume and the actual number of ports in service) multiplied by 3 months will apply.

In the event the customer has exceeded the commitment level, and the number of ports in service qualifies for a lower monthly rate based upon the volume tier for that number of ports, all ports will be rerated to the new, lower monthly rate.

Customer account reviews will be performed semi-annually after the first review until the end of the commitment period.

(F) Customers with a 3-year or 5-year term commitment may add additional ports at any time during the commitment period at the rates applicable for the term commitment and the volume commitment initially selected. All ports will therefore be subject to a common expiration date for service commitment.

(G) IPRS ports must be purchased in increments of 23 ports, except where available as single port quantities.

16. Packet Data Services (Cont'd)

16.5 IP (Internet Protocol) Routing Service (Cont'd)

16.5.4 Rate Regulations (Cont'd)

(H) Upon receipt of a bona fide request from a customer for a port quantity in excess of 75,500 Ports, the Telephone Company will work cooperatively with the customer to develop a per port rate for the requested quantity. Once the per-port rate is developed and accepted by the customer, it will then be tariffed and made available to any other customers requesting that same port quantity.

(I) IPRS Reports

(1) IPRS includes a text-based, preformatted Daily Capacity Report that includes all network elements and all items from the previous day. This report is provided to each IPRS customer each day via e-mail without charge.

(2) Customers desiring additional reports may choose optional Customer Service Management (CSM) Reports. The Telephone Company will provide IPRS customers with traffic reports and the ability to access this traffic data in near real-time via web-based access. The following reports will be available to the IPRS customer:

(a) Total Connections, Analog and Digital
(b) Analog and Digital Ratio
(c) Calls Increment (Measuring total calls received in ten minute intervals)
(d) ISDN Connections
(e) Modem Connections (Measuring analog call connections)
(f) Seconds Increment (Measuring total duration in seconds for a specific period of time)
(g) Weekly Maximum for Total Connections, Analog and Digital

16. Packet Data Services (Cont'd)

16.5 IP (Internet Protocol) Routing Service (Cont'd)

16.5.4 Rate Regulations (Cont'd)

(I) IPRS Reports (Cont'd)

(3) Customers opting for the CSM Reports will have the ability to display varying time periods for archived data, in varying intervals (i.e., several days, weeks, or months up to 12 months prior). CSM customers will also have the ability to view the output data graphically. Appropriate output may also be displayed illustrating Raw Data, Peaks, or Averages. Polling across the IPRS network for the CSM reports occurs in 10-minute intervals on average. Output data is not available for the most recent 24 hours prior to the query.

(4) Recurring and Nonrecurring charges are based on a per-user access limited to six (6) IP addresses. The price entitles the customer to access the entire menu of available reports. Charges are assessed based on the size of the IPRS network (200 IPRS ports or less, or greater than 200 IPRS ports). If additional user access is needed, customers will be required to pay an additional appropriate monthly rate for each additional user access requested.

16. Packet Data Services (Cont'd)

16.5 IP (Internet Protocol) Routing Service (Cont'd)

16.5.5 Rate Categories

A) Dial-up Port: Provides one data path connection in a local calling area of the company designated by the customer for analog/ISDN dial-up access to the customer by the customer's end users, and the IP routing of the end user data to the customer.

B) IPRS DS1/1.544 Mbps Port*: Provides connection and IP routing of end user data terminated over dedicated private line facilities at a speed of 1.544 Mbps. (C)

* Effective September 15, 2001, these ports will no longer be available for new service requests (N) (N)

16. Packet Data Services (Cont'd)

16.5 IP (Internet Protocol) Routing Service (Cont'd)

16.5.6 Rates and Charges
- per port

A) Dial-up Port

Port Category	USOC	Monthly Rate	Nonrecurring Charges	
Month-to-Month				
Up to 75,500 Ports	PRLA6			
N-MSA		$56.00	$35.00	(T)
Price Band 4		56.00	35.00	(N)
Price Band 5		56.00	35.00	|
Price Band 6		56.00	35.00	(N)
Over 75,500 Ports		See 16.5.4(H) preceding		
3-year Term				
Up to 9,660 Ports	PRLJ2			
N-MSA		39.00	0.00	(T)
Price Band 4		39.00	0.00	(N)
Price Band 5		39.00	0.00	|
Price Band 6		39.00	0.00	(N)
Up to 16,100 Ports	PRLJ3			
N-MSA		38.00	0.00	(T)
Price Band 4		38.00	0.00	(N)
Price Band 5		38.00	0.00	|
Price Band 6		38.00	0.00	(N)
Up to 32,200 Ports	PRLJ4			
N-MSA		37.00	0.00	(T)
Price Band 4		37.00	0.00	(N)
Price Band 5		37.00	0.00	|
Price Band 6		37.00	0.00	(N)
Up to 48,300 Ports	PRLJ5			
N-MSA		36.00	0.00	(T)
Price Band 4		36.00	0.00	(N)
Price Band 5		36.00	0.00	|
Price Band 6		36.00	0.00	(N)
Up to 64,400 Ports	PRLJ6			
N-MSA		34.00	0.00	(T)
Price Band 4		34.00	0.00	(N)
Price Band 5		34.00	0.00	|
Price Band 6		34.00	0.00	(N)
Up to 75,500 Ports	PRLJ8			
N-MSA		32.00	0.00	(T)
Price Band 4		32.00	0.00	(N)
Price Band 5		32.00	0.00	|
Price Band 6		32.00	0.00	(N)
Over 75,500 Ports		See 16.5.4(H) preceding		

Material formerly shown on this page now appears on Page 16-65.1.

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.5 IP (Internet Protocol) Routing Service (Cont'd)

16.5.6 Rates and Charges (Cont'd)
- per port

A) Dial-up Port (Cont'd) (M)

Port Category	USOC	Monthly Rate	Nonrecurring Charges	
5-Year Term				
Up to 9,660 Ports	PRLQ2			(M)
N-MSA		$36.00	$0.00	(T)
Price Band 4		36.00	0.00	(N)
Price Band 5		36.00	0.00	
Price Band 6		36.00	0.00	(N)
Up to 16,100 Ports	PRLQ3			(M)
N-MSA		35.00	0.00	(T)
Price Band 4		35.00	0.00	(N)
Price Band 5		35.00	0.00	
Price Band 6		35.00	0.00	(N)
Up to 32,200 Ports	PRLQ4			(M)
N-MSA		34.00	0.00	(T)
Price Band 4		34.00	0.00	(N)
Price Band 5		34.00	0.00	
Price Band 6		34.00	0.00	(N)
Up to 48,300 Ports	PRLQ5			(M)
N-MSA		33.00	0.00	(T)
Price Band 4		33.00	0.00	(N)
Price Band 5		33.00	0.00	
Price Band 6		33.00	0.00	(N)
Up to 64,400 Ports	PRLQ6			(M)
N-MSA		31.00	0.00	(T)
Price Band 4		31.00	0.00	(N)
Price Band 5		31.00	0.00	
Price Band 6		31.00	0.00	(N)
Up to 75,500 Ports	PRLQ8			(M)
N-MSA		29.00	0.00	(T)
Price Band 4		29.00	0.00	(N)
Price Band 5		29.00	0.00	
Price Band 6		29.00	0.00	(N)
Over 75,500 Ports		See 16.5.4(H) preceding		

Certain material on this page previously appeared on Page 16-65.

16. Packet Data Services (Cont'd)

16.5 IP (Internet Protocol) Routing Service (Cont'd)

16.5.6 Rates and Charges (Cont'd)
- per port

B) DS-1 (1.544Mbps)* (C)

Port Category	USOC	Monthly Rate	Nonrecurring Charges
Month-to-Month	PRL1X		
N-MSA		$175.00	$200.00
Price Band 4		175.00	200.00
Price Band 5		175.00	200.00
Price Band 6		175.00	200.00
3-Year Term	PRLPX		
N-MSA		165.00	0.00
Price Band 4		165.00	0.00
Price Band 5		165.00	0.00
Price Band 6		165.00	0.00
5-Year Term	PRLVX		
N-MSA		150.00	0.00
Price Band 4		150.00	0.00
Price Band 5		150.00	0.00
Price Band 6		150.00	0.00

* Effective September 15, 2001, these ports will no longer be available (N)
for new service requests. (N)

CSM Reports

C) IPRS Networks of
200 IPRS Ports or Less

Per user	F5R1R		
N-MSA		50.00	100.00
Price Band 4		50.00	100.00
Price Band 5		50.00	100.00
Price Band 6		50.00	100.00

D) IPRS Networks of Greater
Than 200 IPRS Ports

Per user	F5R2R		
N-MSA		350.00	500.00
Price Band 4		350.00	500.00
Price Band 5		350.00	500.00
Price Band 6		350.00	500.00

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS)#

(A) General

Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) is a telecommunications transport and switching service that provides for high speed connectivity between and among widely distributed locations. It is a fast packet, cell-based technology which supports user applications requiring high and flexible bandwidth, high-performance transport and switching.

XA ATM-CRS is comprised of an interface, User Network Interface (UNI) at the ATM switch and a transport facility that terminates on compatible customer premises equipment (CPE). These UNI Access Connections are connected via Permanent Virtual Circuits (PVCs) using Asynchronous Transfer Mode technology over the Telephone Company's fast packet network.

All XA ATM-CRS access facilities must be in conformance with American National Standards Institute (ANSI) standards. Technical specifications for this service are described in the following technical publications:

TR-NWT-001112, Issue 1	GR-1110-CORE, Issue 4	(C)(x)
GR-1248-CORE, Issue 4	SR-3330, Issue 2	(C)(x)

The compatible network channel interfaces (NCIs) and Network channel codes (NCCs) are:

NCI	NCC
DS1	HCE6
DS3	HFC6
OC3c	OBA6

XA ATM-CRS services are generally available in all LATAs except Hagerstown (240) and Salisbury (242).

(B) Definitions

1. User Network Interface (UNI) Access Connection: a dedicated digital transmission facility that provides a connection from the customer's premises to a UNI on a XA ATM-CRS switch. The effective maximum data rate for these services are DS1 (1.54 Megabits per second), DS3 (45 Mbps), or OC3c (155 Mbps).

#Service availability is limited. See regulations in Sections (D)(14) and (D)(15) following.

(x) GR-1110-CORE, Issue 4, replaces GR-1110-CORE, Issue 1, in its entirety.
GR-1248-CORE, Issue 4, replaces GR-1248-CORE, Issue 2, in its entirety.
SR-3330, Issue 2, replaces SR-3330, Issue 1, in its entirety.

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) #(Cont'd)

(B) Definitions (Cont'd)

2. UNI Access Connection (UNI): Cont'd
Each UNI Access Connection requires at least one Permanent Virtual Circuit (PVC). A customer may elect to subscribe to multiple PVCs. This feature is established over the UNI Access Connection via address mapping which enables the customer to have virtual connections to various locations.

3. Permanent Virtual Connection (PVC): a Cell Relay Service used to provide a virtual connection between two customer locations. The PVC defines a path across the UNI Access Connection between the customer premises and the Telephone Company's ATM switch. Each UNI Access Connection requires the purchase of at least one PVC. The path is set up by the Telephone Company based on information contained on a service order rather than by dial-up signaling.

Virtual Channel Connection (VCC): a type of PVC with independent identity and defined service parameters that is provisioned via Service Order, and cannot be altered by the customer without additional Service Order activity.

Virtual Path Connection (VPC): a type of PVC with defined service parameters that is provisioned via a Service Order. Customers may provision their own virtual connections within the VPC provided that the sum of the service parameters of all of the virtual channels do not exceed the aggregate service parameters of the VPC.

4. Constant Bit Rate (CBR): a steady flow of user information required to support applications where variable delays in transmission can negatively impact the information content. Examples of applications requiring CBR are voice, and some types of video.

5. Variable Bit Rate (VBR): a flow of information that is bursty, and does not flow at a constant rate. An example of an application using VBR is Local Area Network (LAN) traffic.

#Service availability is limited. See regulations in Sections (D)(14) and (D)(15) following.

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS)#(Cont'd)

(B) Definitions (Cont'd)

6. Sustained Cell Rate (SCR): the maximum rate at which VBR cells may be constantly transmitted with a high assurance that no cells will be lost. Cells transmitted within the SCR have the highest priority of the VBR traffic, and will not be tagged as eligible for discard.

7. Peak Cell Rate (PCR): the highest available rate of information transfer on a Variable Bit Rate connection, and the continuous cell rate allowed for Constant Bit Rate. Cells exceeding the sustained cell rate and below the peak cell rate will be limited to a maximum burst size.

8. Maximum Burst Size (MBS): the maximum number of cells that can be passed to the service provider's network in a single burst at a rate that exceeds the SCR, but does not exceed the PCR assigned to the VBR connection. Cells exceeding the MBS will be declared as nonconformant and will be discarded.

9. Cell Delay Variation Tolerance (CDV): the amount of variation permitted for early arrival of clusters of cells at the source UNI Access Connection. Cells exceeding the tolerance will be declared nonconformant and will be discarded.

10. Synchronous Optical Network (SONET): an international standard for the transmission of high capacity bandwidth over optical facilities. As defined in this service offering, the OC3c SONET connection is provisioned as a survivable service with an alternate (not diverse) route.

    Direct Fiber: one type of SONET UNI Access Connection that is provisioned using an optical fiber interface with no alternate routing.

11. Unspecified Bit Rate (UBR): a bursty, not steady, flow of data with varying bandwidth requirements (e.g., Local Area Network traffic). UBR, unlike PCR and SCR, is the lowest class of service and has no quality of service parameters.

#Service availability is limited. See regulations in Sections (D)(14) and (D)(15) following.

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS)#(Cont'd)

(C) Service Descriptions

1. Basic Service

The basic XA ATM-CRS service consists of transport of ATM cells of information from one UNI Access Connection to another or other UNI Access Connections. Each cell relay cell is delivered unchanged from the source to the destination. The service consist of:

a. UNI Access Connection(s) from the customer's premises and from the premises of the customer's designated Interexchange Carrier to the Telephone Company's XA ATM-CRS network. The maximum bandwidths of the UNI Access Connections are 1.54 Mbps for the DS1, 45 Mbps for the DS3 and 155 Mbps for the OC3c.

The OC3c UNI Access Connection is available provisioned over SONET facilities which provide a survivable service that automatically switches to an alternate (not diverse) path in the event of a failure on the primary path, or provisioned over a direct fiber with no alternative route.

b. An initial quantity of variable bit rate bandwidth for use by the customer is included within the UNI Access Connection. The initial quantity of bandwidth will be 10 Mbps for a DS3 UNI Access Connection or 25 Mbps for an OC3c UNI Access Connection. For the DS1 UNI Access Connection, the line speed of 1.54 Mbps will be the initial quantity of bandwidth.

c. At least one PVC is required per UNI Access Connection. The PVC is purchased separately from the UNI Access Connection. PVCs can be either a VCC or a VPC of constant, variable, or unspecified bit rate.

d. UBR is provided only when the following minimums are met and at no additional monthly charge: 25 Mbps of VBR, CBR or a combination of both for a DS3 UNI; any combination of at least 75 Mbps for an OC3c UNI; and any combination of 1.536 Mbps for a DS1 UNI.

2. Optional Features

a. Additional variable bit rate bandwidth on the UNI Access Connection above the initial quantity in increments of 5 Mbps on DS3 or 10 Mbps on OC3c.

b. Upgrade of the initial bandwidth of the DS3 UNI Access Connection from 10 Mbps of VBR bandwidth to any combination of CBR, and VBR bandwidth.

#Service availability is limited. See regulations in Sections (D)(14) and (D)(15) following.

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) #(Cont'd)

(C) Service Descriptions (Cont'd)

2. Optional Features (Cont'd)

c. Upgrade of the bandwidth of the DS1 UNI Access Connection from VBR to any combination of VBR and CBR.

d. Upgrade of OC3c UNI Access Connection from the initial 25 Mbps of VBR bandwidth to any combination of CBR, and VBR bandwidth.

e. Upgrade of additional VBR bandwidth over and above the initial bandwidth to any combination of VBR and CBR bandwidth.

3. Service Parameters

a. CBR

Peak/Sustained Cell Rate	Customer selected in increments of 64 Kilobits per second up to the maximum speed of the UNI Access Connection.
Nonconforming Cells	Discarded
Cell Delay Variation Tolerance (CDVT)	OC3c = 50 microseconds DS3 = 150 microseconds DS1 = 600 microseconds

b. VBR (non Real Time)

Sustained Cell Rate (SCR)	Customer specified in increments of 64 Kilobits per second up to the maximum available capacity of the UNI Access Connection.
Peak Cell Rate (PCR)	200% of Sustained Rate up to the maximum capacity of the line.
Cell Delay Variation Tolerance (CDVT)	OC3c = 50 microseconds DS3 = 150 microseconds
Maximum Burst Size (MBS)	100 Cells

#Service availability is limited. See regulations in Sections (D)(14) and (D)(15) following.

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) #(Cont'd)

(C) Service Descriptions (Cont'd)

3. Service Parameters (Cont'd)

Nonconforming Cells

Exceeding Peak Rate	Discarded
Exceeding Sustained Cell Rate plus MBS	Tagged and/or Discarded

(D) Terms and Conditions

1. XA ATM-CRS is ordered under the Access Order provisions on a negotiated interval as set forth in Section 5 preceding. And, the cancellation charges for UNI Access Connections are the same as those for the underlying high capacity services as described in Section 5.

2. The customer must provide compatible equipment (e.g., routers, access concentrators, ATM switches, etc.) in accordance with interface specifications defined in the ATM Forum UNI 3.0 or 3.1 specifications for Permanent Virtual Connections. See the technical references listed in Section 16.6 A.

3. The Telephone Company's responsibility is limited to the furnishing of communications facilities and switches suitable for the digital User Network Interface.

4. The Telephone Company is not responsible for the installation, operation, or maintenance of any equipment provided by the customer.

5. Customer provided equipment must be capable of receiving clock and recovering clock from the network.

6. An administrative charge is applicable whenever a customer initiated change is made to the parameters of a Virtual Channel Connection or Virtual Path Connection regarding speed or other service parameters that do not involve remapping of the connection. Such changes are defined as those requiring no changes in physical facilities, and are able to be implemented from the Telephone Company's Network Control Center without dispatch of a technician to the customer location. The charge is applied on a per VCC/VPC basis.

7. A move or relocation of an UNI Access Connection will be treated as a termination of the existing service and the establishment of a new service. All charges applicable to a new installation apply.

#Service availability is limited. See regulations in Sections (D)(14) and (D)(15) following.

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) #(Cont'd)

(D) Terms and Conditions (Cont'd)

8. XA ATM-CRS is available on a Month-to-Month basis or for periods of 3 and 5 years.

a. Minimum Period

The minimum period for service purchased on a month-to-month basis is six months.

b. Termination Liability

For the three year term, the customer is liable for 100% of the monthly charges for 36 months.

For the five year term, the customer is liable for 100% of the monthly charges for 60 months
or
as an alternative, the liability is equal to the total number of months completed in the term period times the difference between the three year and five year rate. For example, if 48 months had elapsed from the time the service was in effect, and the five year plan had initially been selected, the alternative termination liability would be calculated using the following formula:

Terminating Liability = 48 X (the three year rate minus the five year rate)

9. A customer may at any time request to move from an existing term to a new term of equal or greater length without incurring termination liability for the initial term.

10. Once a term period has expired, the prevailing rates will apply.

11. If rates increase during the plan period, the customer may discontinue service without termination liability within 120 days of the rate increase. If the service is continued after the 120 days, all current plan terms and conditions apply, including termination liability.

12. The Telephone Company network maintenance and network upgrades are normally performed during the hours of 11:00 p.m. and 8:00 a.m. When it is necessary to place a customer's service in an inactive (out of service) condition, the Company will provide customers reasonable and timely notification to minimize impacts to the customer's service.

#Service availability is limited. See regulations in Sections (D)(14) and (D)(15) following.

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) #(Cont'd)

(D) Terms and Conditions (Cont'd)

13. All the Telephone Company XA ATM-CRS customers (existing service), whose total monthly recurring charges are greater than the total monthly charges for similar functions offered in the new "ATM Cell Relay Service" tariff as specified in section 16.6.1 following, may convert all of their existing services to those offered in the new tariff prior to February 18, 2000, without termination liability.

    The following applies to those customers whose total monthly recurring charges under the existing tariff structure are less than the monthly recurring charges for similar functions in the new tariff service.

    Customers that have existing Term Plans may continue under their current arrangement until the end of their term.

    Existing Customers may add, delete, or change bandwidth, Virtual Circuits and Quality of Service levels under the existing terms and conditions as specified in Section 16.6 preceding as long as the existing UNIs remain in service under their existing Term Plans.

14. Effective December 2, 2000, this service will no longer be provided in the states of Pennsylvania and Delaware by the Telephone Company but through Verizon Advanced Data, Inc.

15. Effective December 16, 2000, this service will be provided by the Company only in the State of New Jersey. Provision of this service in all other states will be through Verizon Advanced Data, Inc.

#Service availability is limited. See regulations in Sections (D)(14) and (D)(15).

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) #(Cont'd)

(D) Terms and Conditions (Cont'd)

(D)

(D)

#Service availability is limited. See regulations in Sections (D)(14) and (D)(15).

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) #(Cont'd)

(E) Rates and Charges

	USOC	Monthly Rate	Nonrecurring Charge
1. User Network Interface, (UNI), Access Connection, each			
a. Month to Month			
DS1 UNI Access Connection with 1.544 Mbps of Variable Bit Rate Bandwidth	N7A1M	$ 650.00	$0.00
DS3 UNI Access Connection with 10 Mbps of Variable Bit Rate Bandwidth	N7AXM	3,700.00	0.00
OC3c SONET UNI Access Connection with 25 Mbps of Variable Bit Rate Bandwidth	N7ASM	7,250.00	0.00
OC3c SONET Direct Fiber UNI Access Connection with 25 Mbps of Variable Bit Rate Bandwidth	N7AFM	4,550.00	0.00
b. Three Year Term			
DS1 UNI Access Connection with 1.544 Mbps of Variable Bit Rate Bandwidth	N7A13	575.00	0.00
DS3 UNI Access Connection with 10 Mbps of Variable Bit Rate Bandwidth	N7AX3	3,100.00	0.00
OC3c SONET UNI Access Connection With 25 Mbps of Variable Bit Rate Bandwidth	N7AS3	6,000.00	0.00
OC3c Direct Fiber UNI Access Connection with 25 Mbps of Variable Bit Rate Bandwidth	N7AF3	3,800.00	0.00

#Service availability is limited. See regulations in Sections (D)(14) and (D)(15) preceding.

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) #(Cont'd)

(E) Rates and Charges (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge
1. User Network Interface, (UNI), Access Connection (Cont'd)			
c. Five Year Term			
DS1 UNI Access Connection with 1.544 Mbps of Variable Bit Rate Bandwidth	N7A15	$ 525.00	$0.00
DS3 UNI Access Connection with 10 Mbps of Variable Bit Rate Bandwidth	N7AX5	2,800.00	0.00
OC3c SONET UNI Access Connection with 25 Mbps of Variable Bit Rate Bandwidth	N7AS5	5,500.00	0.00
OC3c SONET Direct Fiber UNI Access Connection with 25 Mbps of Variable Bit Rate Bandwidth	N7AF5	3,450.00	0.00
2. Permanent Virtual Connections (PVCs)			
Constant Bit Rate VCC	VCHXC	2.00	50.00
Variable Bit Rate VCC	VCHXV	2.00	50.00
Constant Bit Rate VPC	VPEXC	4.00	50.00
Variable Bit Rate VPC	VPEXV	4.00	50.00
3. Optional Features			
a. For DS1 UNI Access Connections			
Upgrade of 1.544 Mbps of Variable Bit Rate Bandwidth to any Combination of Variable Bit Rate And Constant Bit Rate	CWVAE	10.00	50.00
b. For DS3 UNI Access Connections			
5 Mbps of Variable Bit Rate Sustained Cell Rate Bandwidth above the initial 10 Mbps	CSAXA	100.00	50.00

#Service availability is limited. See regulations in Sections (D)(14) and (D)(15) preceding.

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) #(Cont'd)

(E) Rates and Charges (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge
3. Optional Features (Cont'd)			
b. (Cont'd)			
Upgrade of initial 10 Mbps Variable Bit Rate Bandwidth to any combination of Constant Bit Rate or Variable Bit Rate Bandwidth	CWV1B	50.00	50.00
Upgrade of 5 Mbps Variable Bit Rate Bandwidth over the initial 10 Mbps to any combination of Constant Bit Rate or Variable Bit Rate Bandwidth	CWVAA	25.00	50.00
c. For OC3c SONET UNI Access Connections			
10 Mbps of Variable Bit Rate Sustained Cell Rate Bandwidth above the initial 25 Mbps	CSAXB	$150.00	$50.00
Upgrade of initial 25 Mbps Variable Bit Rate Bandwidth to any combination of Constant Bit Rate or Variable Bit Rate Bandwidth	CWV1D	125.00	50.00
Upgrade of 10 Mbps Variable Bit Rate Bandwidth over the initial 25 Mbps to any combination of Constant Bit Rate or Variable Bit Rate Bandwidth	CWVAB	50.00	50.00
5. Administrative Charge			
One or more changes made to a VCC or VPC on a single Service Order - Per VCC/VPC changed	REAKF		75.00

#Service availability is limited. See regulations in Sections (D)(14) and (D)(15) preceding.

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service#

(A) General

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) is a telecommunications transport and switching service that provides for high-speed connectivity between customer-designated locations. ATM CRS consists of two interfaces: User Network Interface (UNI) and Interim Inter-switch Signaling Protocol (IISP).

The UNI Port with Access Line Connection is a dedicated digital line that provides a link from the customer's premises to one of the Telephone Company's ATM CRS hubs. UNIs are also provisioned as an Inverse Multiplexing ATM (IMA) Port With Access Line Connection as defined in 16.6.1(B)(2) and as a Port Only Connection as defined in 16.6.1.(B)(4). (x)

The IISP Port with Access Line Connection, which is essentially equivalent to the UNI, provides a link from an Interexchange Carrier or another customer's network to one of the Telephone Company's ATM CRS hubs. IISPs are also provisioned as a Port Only Connection as defined in 16.6.1.(B)(4) following. (x)

Except as otherwise specified for Effective Bandwidth for Incremental UNIs, effective May 9, 2007, orders for new ATM CRS are no longer permitted. The Telephone Company will continue to provide ATM CRS pursuant to this Section 16.6.1 on any existing ATM CRS that is in-service as of May 9, 2007, or any order for ATM CRS that is placed with the Telephone Company prior to May 9, 2007 (collectively, Existing ATM CRS), subject to the following condition:

For any Existing ATM CRS that is currently subscribed to a term plan (i.e., commitment periods of 1-, 2-, 3-, and 5-years), the Telephone Company will continue to provide the Existing ATM CRS for an additional six (6) months beyond the expiration date of the customer's current commitment period at the prevailing rates of the current term plan, or until the customer replaces the Existing ATM CRS with a comparable Telephone Company provided service, or discontinues service, whichever comes first. Subject to availability of facilities and equipment, moves and/or changes to the Existing ATM CRS are permitted during the term plan commitment period provided that such moves and/or changes do not require a new commitment period. Orders for Effective Bandwidth for Incremental UNIs, including additions and changes, are permitted during the term plan commitment period and the six (6) month extension period. No other additions, changes or moves are permitted during the six (6) month extension period. (x)

(x) Issued under authority of Special Permission No. 08-019 of the Federal Communications Commission to withdraw material pending under Transmittal No. 952 and to reinstate material currently in effect
(Issued under Transmittal No. 957)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont’d)

(x)

(x)

(x) Issued under authority of Special Permission No. 08-019 of the Federal Communications Commission to withdraw material pending under Transmittal No. 952 and to reinstate material currently in effect

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(A) General (Cont'd) (M)

The Port Only Connection also provides either a UNI or IISP connection to an appropriate CIS cross-connect within a wire center. Collocated Interconnection Service (CIS) Port Connection customers will continue to receive the same uninterrupted service under the Port Only Connection regulations set forth in 16.6.1(B)(3) following.

ATM CRS is a fast-packet, cell-based technology that can support user applications requiring high-bandwidth, high-performance transport and switching. This connectivity is provided via Permanent Virtual Circuits (PVCs) and/or Switched Virtual Circuits (SVCs) that are implemented over access facilities and switches that are dedicated to high-speed telecommunications services.

UNIs, IISPs, Port Only Connections, PVCs and SVCs are further described in 16.6.1(B) following. (M)

ATM CRS may be connected to the following Telephone Company provided services, where such connections are technically and operationally feasible, as determined by the Telephone Company: (N)

- digital subscriber line service
- point-to-point SONET service
- internet protocol virtual private network service
- frame relay service (N)

(B) Service Components

The major components of ATM Cell Relay Service are:

- UNI Port with Access Line Connection
- UNI IMA Port With Access Line Connection
- IISP Port with Access Line Connection
- Port Only Connection
- Permanent Virtual Circuit (PVC)
- Switched Virtual Circuit (SVC)
- Effective Bandwidth
- Northern Corridor Option
- Southern Corridor Option

Certain material currently appearing on this page rpeviously appeared on 3rd Revised Page 16-78.

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(B) Service Components (Cont'd)

(1) User Network Interface (UNI) Port with Access Line Connection

UNI Port with Access Line Connections, which are available at the DS1, DS3, OC3c, and OC12c levels, provide dedicated transport between a customer-designated premises and an ATM CRS hub. There are two types of UNIs: Full and Incremental. The Full UNI includes all available bandwidth in one rate, and the Incremental UNI is sold and provisioned with Permanent Virtual Circuit (PVC) and/or Switched Virtual Circuit (SVC) bandwidth increments (the DS1 UNI is not offered in increments).

In order for customer traffic to be carried on the network, each Incremental UNI requires at least one 5 Mbps or 15 Mbps increment of either PVC or SVC bandwidth. At least one PVC must also be established to use PVC bandwidth. A customer may elect to subscribe to multiple PVCs. This feature is established over the UNI via connection identifiers, which enables the customer to have virtual connections to various locations.

UNIs are provided at nominal data rates of 1.544 Mbps (DS1), 45 Mbps (DS3), 155.52 Mbps (OC3c), or 622 Mbps (OC12c). OC3c and OC12c are provided as a concatenated signal in STS-3c and STS-12c (Synchronous Transport Signal) formats, respectively. The actual throughput into CRS is less than the line rate for the UNI provided.

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(B) Service Components (Cont'd)

(1) User Network Interface (UNI) Port with Access Line Connection (Cont'd)

The rates and charges for a UNI are differentiated by the capacity of the UNI, the location where the UNI originates (i.e., customer-designated premises) and, mileage ranges (expressed as tiers) associated with extending the UNI to the wire center designated as the ATM CRS hub.

The OC3c UNI Port with Access Line Connections are provisioned on either Unprotected, Protected or Protected Diverse Synchronous Optical Network (SONET) facilities. The OC12c UNI Port with Access Line Connections are provisioned on either Protected or Protected Diverse SONET facilities. SONET is a standards-based fiber optic communication network that transports both asynchronous and synchronous digital signals using the Synchronous Transport Signal (STS) format. ATM OC3c and OC12c Protected SONET UNI Port with Access Line Connections are provisioned over SONET as a survivable service with an alternate (not diverse) facility between the central office and the customer premises. ATM OC3c and OC12c Protected Diverse UNI Port with Access Line Connections are provisioned over SONET as a survivable service with an alternate and diverse path between the ATM CRS Hub and the customer premises. Unprotected SONET UNI is a type of OC3c ATM UNI that is provisioned over SONET with no alternate facility between the ATM CRS Hub and the customer premises. DS3, OC3c, OC12c, and other interfaces, both electrical and optical, are supported and defined to the technical specifications set forth in 16.6.1(B)(5) following.

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(B) Service Components (Cont'd)

(2) UNI Inverse Multiplexin ATM (IMA) Port With Access Line Connection

UNI IMA Port With Access Line Connection permits the provisioning of bandwidth greater than DS1 and less than DS3 by binding together multiple DS1 facilities. The inverse multiplexer at each end of the connection aggregates and de-aggregates multiple parallel DS1 leased lines into a single higher speed link. IMA will be offered as Full bandwidth only. Two to six DS1 facilities will be permitted in an IMA group providing nominal aggregated bandwidth from three to nine megabits per second. IMA allows for all class of service parameters up to the combined nominal line rate of the aggregated DS1s and all PVCs and/or SVCs that will fit within the bandwidth. Ordering of DS1s within an IMA group must be done in ascending order. Disconnecting DS1s within an IMA group must be done in a descending order. Customer must purchase a minimum of two IMA DS1s.

Requests to change existing UNI Port With Access Line Connections to UNI IMA Port With Access Line Connections will be treated as a disconnect and new install. Termination liability charges, as set forth in Section 5.10.12, may apply.

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(B) Service Components (Cont'd)

(3) Interim Inter-switch Signaling Protocol (IISP) Port with Access Line Connection

IISP Port with Access Line Connection, which is similar to the Full User Network Interface (UNI) described in (1) preceding, allows network-to-network connectivity through the use of Permanent Virtual Circuits (PVCs) and/or Switched Virtual Circuits (SVCs). The IISP interface specifies how a Telephone Company ATM CRS switch sends and receives data from an Interexchange Carrier's or other customer's ATM CRS network. The IISP connection consists of a 1.544 Mbps (DS1), a 45 Mbps (DS3), a 155.52 Mbps (OC3c), or a 622 Mbps (OC12c) digital facility from the IC's network to the Telephone Company's ATM CRS switch and the appropriate port interface connection. The monthly rates for the IISP Port With Access Line Connection interfaces apply only to the Tier 1 mileage band (0 to 5 miles).

The IISP Port With Access Line Connection, like the UNI Port With Access Line Connection, includes Protected and Unprotected OC3c and Protected Diverse OC12c SONET IISPs. ATM OC3c and OC12c Protected SONET IISP connections are provisioned over SONET as a survivable service with an alternate (not diverse) facility. ATM Protected Diverse OC3c and OC12c SONET IISP connections are provisioned over SONET as a survivable service with an alternate diverse path between the local serving office and the Customer premises. Unprotected fiber is one type of OC3c ATM IISP that is provisioned using an optical fiber interface with no alternate facility. DS3, OC3c, OC12c and other interfaces, both electrical and optical, are supported and defined to the technical specifications set forth in 16.6.1(B)(5) following.

(4) Port Only Connections

Port Only connections can be established as User to Network Interface (UNI) arrangement or Interim Inter-switch Signaling Protocol (IISP). UNI and IISP Port Only connection provides an ATM Cell Relay Network connection based on the port connection speed of DS1, DS3, OC3c and OC12c. The ATM port speed will be consistent with the channel speed of the access channel. The actual throughput of Customer traffic cannot exceed the bandwidth of the access channel and port speed.

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(B) Service Components (Cont'd)

(4) Port Only Connections (Cont'd)

UNI Port Only connections are available as either Incremental or Full. IISP Port Only Connections are available as Full. This refers to the bandwidth that is required to provision PVCs on the port. Incremental ports come with no bandwidth and bandwidth is purchased in increments based on the customer bandwidth requirements. Full ports come with all bandwidth included up to the maximum rate of the port. Each port can accommodate multiple PVCs or SVCs depending on the bandwidth purchased. UNI or IISP Port Only is available on a one-year, two-year, three-year and five-year term.

Customers may access Port Only connections via Company-provided digital access facilities or via facilities provided by another carrier. When access facilities are provided by Company, the associated regulations, rates and charges under the appropriate Company Tariff shall apply in addition to the regulations, rates and charges associated with ATM CRS. Interconnection charges to connect access line services provided by Company or another carrier may apply and will be billed separately. Any special construction or nonstandard charges assessed by the carrier supplying the access facilities will be the responsibility of Customer.

UNI Port Only connections also provide an ATM Cell Relay Network connection for a Collocated Interconnection Service (CIS) Cross-Connect Service or SPOT Bay Frame and Terminations service in a wire center. The respective CIS Cross-Connect service is described in Section 19. (See Note below.)

Service availability limited. Refer to # footnote on Page 16-78. (N)

Note: See Section 19 for additional information.

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16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd)

(B) Service Components (Cont'd)

(5) Permanent Virtual Circuit (PVC)

The PVC defines a virtual connection across a UNI or IISP between the customer premises and the Telephone Company's ATM hub. Each UNI or IISP requires at least one PVC in order for customer traffic to traverse the network. Each ATM cell carries a unique tag which identifies that ATM cell as belonging to a particular PVC. A PVC is a logical channel connecting two or more customer designated premises with virtual connections through a Telephone Company provided ATM CRS switch(es). The PVCs may be provided on a point-to-point or point-to-multipoint basis. When a PVC is provided as a point-to-point virtual connection, transmission is bi-directional allowing for ATM cells to be transmitted or received over the same PVC. For point-to-multipoint virtual connections, transmission is provided as transmit only. The virtual connection is set up by the Telephone Company based on information contained on a service order rather than by dial-up signaling. (D)

Service availability limited. Refer to # footnote on Page 16-78.

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(B) Service Components (Cont'd)

(5) Permanent Virtual Circuit (PVC) (Cont'd)

PVCs consist of two types: Virtual Channel Connections (VCCs) and Virtual Path Connections (VPCs). A VCC is a type of PVC with independent identity and defined service parameters that are provisioned via service order, and cannot be altered by the customer without additional service order activity. A VPC is a type of PVC with defined service parameters that is provisioned via service order. Customers may provision their own virtual channels within the VPC, provided that the sum of the service parameters of all of the virtual channels does not exceed the aggregate service parameters of the VPC.

(6) Switched Virtual Circuit (SVC)

Switched Virtual Circuits are similar in structure to PVCs. SVCs also consist of VCCs and VPCs, but SVCs are provisioned on demand by customer premises equipment that signals the ATM cell relay network to set up and tear down logical connections. The network will respond to these requests by provisioning a virtual connection across the network based on the class of service parameters requested, provided that sufficient network resources are available to establish the connection. Each UNI or IISP that is SVC signal enabled will be provided with a SVC ICD (International Code Designator) prefix that will uniquely identify the UNI or IISP. The customer must use this Telephone Company assigned prefix when requesting SVC virtual connections across the Telephone Company Cell Relay Network. Each Constant Bit Rate and Variable Bit Rate SVC will be limited to a maximum Peak Cell Rate of 20 Mbps and a maximum Sustained Cell Rate of 20 Mbps.

Closed User Group (CUG) capability is a feature associated with SVCs. A CUG provides the ability to contain SVC calls between certain User Network Interfaces (UNIs) or IISPs. A CUG functionally groups UNIs/IISPs into logical associations and allows calling privileges to be specified network wide. A CUG provides a network-wide mechanism for access control. CUGs provide a logical grouping of UNIs/IISPs, creating an SVC community of interest.

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(B) Service Components (Cont'd)

(7) Northern Corridor Option

The Northern Corridor Option provides UNI and IISP subscribers (UNI or IISP Port With Access Line Connection and UNI or IISP Port Only Connection subscribers) in the New Jersey – New York Corridor the ability to connect between locations in Newark or Jersey City Wire Centers and New York, New York as specified in Section 14 preceding.

(8) Southern Corridor Option

The Southern Corridor Option provides UNI and IISP subscribers (UNI or IISP Port With Access Line Connection and UNI or IISP Port Only Connection subscribers) in the New Jersey – Pennsylvania Corridor the ability to connect between locations in Delaware Valley New Jersey Wire Centers and Philadelphia, Pennsylvania Wire Centers as defined in Section 14 preceding.

(9) Effective Bandwidth

Effective bandwidth is the bandwidth reserved for each logical connection (Permanent Virtual Circuit or Switched Virtual Circuit) that is set up across a UNI or IISP. It is based on the Peak Cell Rate, Sustained Cell Rate, Maximum Burst Size, and the class of service parameters selected, i.e., Constant Bit Rate (CBR), VBRrt (Variable Bit Rate real time), VBRnrt (Variable Bit Rate non-real time), or UBR (Unspecified Bit Rate). The total effective bandwidth of all the logical connections on a UNI or IISP cannot exceed the total bandwidth available on the UNI or IISP. Effective bandwidth prices do not vary by class of service level selected. However, effective bandwidth is consumed in varying degrees based on the class of service parameters selected. The higher the class of service, the more bandwidth will be reserved. A CBR PVC with the same Peak Cell Rate as a VBR PVC will reserve more effective bandwidth.

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd)

(C) Technical Specifications

The technical specifications for ATM Cell Relay Service are delineated in Technical References TR-NWT-001112, Issue 1; GR-1110- (C)(x)
CORE, Issue 4; GR-1248-CORE, Issue 4; and SR-3330, Issue 2. (C)(x)

The technical specifications for DS1 and DS3 signals are delineated in Technical Reference GR-342-CORE, Issue 1. (C)(x)

The technical specifications for OC3c and OC12c signals are delineated in Technical Reference GR-253-CORE, Issue 4. (C)(x)

The technical specifications for IISP interfaces are delineated in Technical Reference ATM Forum Interim Inter-switch Signaling (T)
Protocol, Version 1.0 af-pnni-0026.000. (T)

The technical specifications for UNIs are delineated in Technical (T)
Reference ATM Forum ATM User Network Interface Specifications V3.0, (T)
af-uni-0010.001, and V3.1, af-uni-0010.002. Interface specifications for customer provided ATM compatible premises equipment or devices must also be in accordance with the specifications defined in these documents.

(x) GR-1110-CORE, Issue 4, replaces GR-1110-CORE in its entirety.
GR-1248-CORE, Issue 4, replaces GR-1248-CORE in its entirety.
GR-253-CORE, Issue 4, replaces GR-253-CORE, Issue 2, in its entirety.
GR-342-CORE, Issue 1, replaces TR-INS-000342 in its entirety.
SR-3330, Issue 2, replaces SR-3330 in its entirety.
TR-NWT-001112, Issue 1, replaces TR-NWT-001112 in its entirety.

Service availability limited. Refer to # footnote on Page 16-78.

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(D) Provision of Service

ATM Cell Relay Service includes:

(1) At least one UNI Port with Access Line or Port Only, two UNI IMA Port With Access Lines, or one IISP Port with Access Line or Port Only from an Interexchange Carrier or other customer's network to the C.O. based ATM CRS switch, which has maximum nominal capacity for either DS1 (1.544Mbps), DS3 (45 Mbps), OC3c (155 Mbps), or OC12c (622 Mbps). The OC3c and OC12c UNIs are provisioned over either protected or unprotected SONET facilities. The protected OC3c and OC12c SONET facilities provide a backup facility that automatically switches in the event of a failure on the primary facility. The unprotected OC3c SONET facilities do not have an alternate facility.

(2) Unlimited usage on purchased bandwidth.

(3) Incremental UNIs must have at least one increment of effective bandwidth (either PVC or SVC) in order for traffic to traverse the network. The DS1, DS3, OC3c, and OC12c Full UNIs are equipped with the full effective bandwidth.

(4) Either one or more Permanent Virtual Circuits. When PVC bandwidth is purchased, one or more PVCs must be selected for customer traffic to traverse the network.

(5) Two types of Permanent Virtual Circuits, (i) Virtual Channel Connections and (ii) Virtual Path Connections, which support the following Classes of Service:

(a) Constant Bit Rate (CBR)

(b) Variable Bit Rate real time (VBRrt)

(c) Variable Bit Rate non-real time (VBRnrt)

(d) Unspecified Bit Rate (UBR)

(E) Tier Structure for Local Serving Offices

Locations (wire centers) that provide ATM Cell Relay Service have been designated as ATM CRS hubs. Each local serving office has been placed in a Tier, either 1, 2 or 3, based on its location relative to the closest ATM CRS hub.

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(F) Service Functionality

The basic ATM Cell Relay Service functionality consists of transporting 53-byte cells of information from the customer location to a Telephone Company ATM hub over a UNI or IISP. The traffic is routed in the switch to another UNI or IISP, or other suitable network connection.

(G) Class of Service Parameters

(1) Constant Bit Rate (CBR)

(a) Peak/Sustained Cell Rate:

Customer specified in increments of 64 Kilobits per second up to the maximum speed of the UNI or IISP.

(b) Non-conforming cells:

Discarded

(c) Cell Delay Variation Tolerance (CDVT):

DS1 = 600 microseconds

DS3 = 600 microseconds

OC3c = 600 microseconds

OC12c = 600 microseconds

(2) Variable Bit Rate real time/non-real time

(a) Sustained Cell Rate (SCR):

Customer specified in increments of 64 Kilobits per second up to the maximum speed of the UNI or IISP.

(b) Peak Cell Rate (PCR):

Customer selectable in increments of 64 kbps up to line rate. Default is 200% of SCR for PVCs. (The ratio of PCR to SCR will be signaled by the customer premises equipment for SVCs. Therefore there is no default value.)

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(G) Class of Service Parameters (Cont'd)

(2) Variable Bit Rate real time/non-real time (Cont'd)

(c) Non-conforming cells:

Discarded

(d) Cell Delay Variation Tolerance (CDVT):

DS1 = 600 microseconds

DS3 = 600 microseconds

OC3c = 600 microseconds

OC12c = 600 microseconds

(e) Maximum Burst Size (MBS):

Customer selectable

Default is 100 cells on PVCs

As signaled on SVCs

(3) Unspecified Bit Rate

(a) No Class of Service descriptors

(b) Best effort service

(c) Cells exceeding network capacity are discarded

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(H) Special Conditions

(1) ATM CRS is available where facilities and conditions permit in accordance with the regulations specified in Sections 2 and 5 preceding. For locations where the customer requests ATM CRS and digital or SONET facilities are not available, special construction charges may apply.

(2) Maintenance Window

To meet customers' requirements, occasional network upgrades must be performed. These network upgrades are needed to provide improved performance and new features. Generally these upgrades will be performed between the hours of 11 p.m. and 8 a.m. Network upgrades are planned to provide customers reasonable and timely notification in order to minimize any impact on customer service.

(I) Responsibility of the Customer

The customer must provide the necessary premises equipment or ATM device capable of interfacing with the Telephone Company's Cell Relay Service. The customer-provided equipment or ATM device must conform to the technical specifications set forth in 16.6.1(B)(5) preceding.

(J) Responsibility of the Company

ATM CRS is supported by the Telephone Company's Single Point of Contact (SPOC) center that provides continuous support for ATM CRS twenty-four hours per day, seven days per week (24x7) with the ability to manage Telephone Company-provided ATM CRS services as a single network. The SPOC performs maintenance, trouble resolution and network management functions on a 24x7 basis. Service order processing and network installation functions are performed only during normal business hours.

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(K) Application of Rates and Charges

(1) Rate Elements

The following rate elements are applicable to ATM CRS:

- User Network Interfaces (UNIs) Port With Access Line Connection
- UNI Inverse Multiplexing ATM (IMA) Port With Access Line Connection
- User Network Interfaces (UNIs) Port Only Connection
- Interim Inter-Switch Signaling Protocol (IISP) Interfaces, Port With Access Line Connection
- Interim Inter-Switch Signaling Protocol (IISP) Interface, Port Only Connection
- Permanent Virtual Circuits (PVCs)
- Switched Virtual Circuits (SVCs)
- Effective Bandwidth for Incremental UNIs or IISPs
- Closed User Groups (CUG)
- Administrative Charge

(a) User Network Interfaces (UNIs) Port With Access Line Connection

A monthly rate applies on a per Port With Access Line Connection basis, based on the speed (i.e., DS1, DS3, OC3c or OC12c) and/or type (i.e., Full or Incremental, SONET, Protected or Protected Diverse) of the access connection. UNI Port With Access Line Connection is offered under one-year, two-year, three-year or five-year Extended Service Plans (ESP). No nonrecurring charges apply.

(b) UNI Inverse Multiplexing ATM (IMA) Port With Access Line Connection

A monthly rate applies on a per DS1 basis for each sequential DS1 ordered up to the desired bandwidth (i.e., 3 Mbps, 4.5 Mbps, 6 Mbps, 7.5 Mbps or 9 Mbps). IMA is offered as a one-year, two-year, three-year or five-year ESP. DS1s within an IMA group added subsequent to the initial installation of the first two DS1s will have their own term period. No nonrecurring charges apply.

(c) User Network Interfaces (UNIs) Port Only Connection

A monthly rate applies on a per Port Only basis, based on the speed (i.e., DS1, DS3, OC3c or OC12c) and/or type (i.e., Full or Incremental) of the port only connection. UNI Port Only is offered under one-year, two-year, three-year or five-year Extended Service Plans (ESP). No nonrecurring charges apply.

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(K) Application of Rates and Charges (Cont'd)

(1) Rate Elements (Cont'd)

(d) Interim Inter-Switch Signaling Protocol (IISP) Interfaces, Port With Access Line Connection

A monthly rate applies on a per Port With Access Line Connection basis, based on the speed (i.e., DS1, DS3, OC3c or OC12c) and/or type (i.e., Full or Incremental, SONET) of the access connection. IISP Port With Access Line Connection is only available in Tier 1 and is offered under one-year, two-year, three-year or five-year Extended Service Plans (ESP). No nonrecurring charges apply.

(e) Interim Inter-Switch Signaling Protocol (IISP) Interfaces, Port Only Connection

A monthly rate applies on a per Port Only Connection basis, based on the speed (i.e., DS1, DS3, OC3c or OC12c) and/or type (i.e., Full or Incremental) of the port only connection. IISP Port Only Connection is only available in Tier 1 and is offered under one-year, two-year, three-year or five-year Extended Service Plans (ESP). No nonrecurring charges apply.

(f) Permanent Virtual Circuit (PVCs

A nonrecurring charge applies per order for Virtual Channel Connection (VCC) or Virtual Path Connection (VPC). PVCs are ordered per UNI or IISP. If multiple UNIs or IISPs are involved, a nonrecurring charge will apply to each UNI or IISP Port on which the virtual connections will reside. The nonrecurring charge does not apply when PVCs are installed at the same time as the respective UNIs or IISPs.

(g) Switched Virtual Circuits (SVCs)

A nonrecurring charge applies per order for VCC or VPC. SVCs are ordered per UNI or IISP. If multiple UNIs or IISPs are involved, a nonrecurring charge will apply to each UNI or IISP Port on which the virtual connections will reside. The nonrecurring charge does not apply when SVCs are installed at the same time as the respective UNIs or IISPs.

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd)

(K) Application of Rates and Charges (Cont'd)

(1) Rate Elements (Cont'd)

(h) Effective Bandwidth for Incremental UNIs

A monthly rate applies for incremental UNIs for CBR or VBR PVC and SVC bandwidth at 5 Mbps for DS3 or OC3c and at 15 Mbps for OC12c. A monthly rate also applies for incremental UNIs for UBR PVC and SVC bandwidth for DS3, OC3c and OC12c. No nonrecurring charges apply.

The monthly rate for PVC and/or SVC Unspecified Bit Rate bandwidth will be waived when the combined Variable Bit Rate and Constant Bit Rate effective bandwidth purchased (either SVC or PVC or any combination) is equal to at least 50% of the effective bandwidth capacity of the UNI. When UBR bandwidth is made available, it is available for both PVCs and SVCs. No nonrecurring charges apply.

Incremental UNIs with UBR PVC of zero bandwidth are provided at no charge to the customer only when ATM Cell Relay Service is used to transport Telephone Company-provided digital subscriber line service. (T)

(i) Closed User Group (CUG)

A nonrecurring charge applies per order and per UNI/IISP for each CUG established and for each subsequent CUG member added to a CUG. The nonrecurring charge does not apply when a CUG is installed at the same time as the respective UNI or IISP.

Service availability limited. Refer to # footnote on Page 16-78.

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(K) Application of Rates and Charges (Cont'd)

(1) Rate Elements (Cont'd)

(j) Northern and Southern Corridor Options

The Northern Corridor Option and the Southern Corridor Option are available to customers at no charge.

(k) Administrative Charge

A nonrecurring charge applies (per order, per UNI or IISP) when a customer initiates a change to one or more of the following: UNI or IISP bandwidth, PVCs, class of service parameters, and/or other service parameters that do not require changes in physical facilities and that can be provisioned by the Company's without the dispatch of a technician to the customer location. For each service order issued, the charge will be one Administrative Charge regardless of the number of changes made. The Administrative Charge does not apply for those items ordered on the same service order with the installation of a UNI or IISP.

(2) Minimum Period

The minimum period for ATM Cell Relay Service is 1 month.

(3) Extended Service Plans

The ATM CRS UNI Port With Access Line Connection, UNI IMA Port With Access Line Connection, UNI Port Only, IISP Port and Access, and IISP Port Only rate elements are available under an ESP.

Term commitments of one-, two-, three- and five- years are available to ATM CRS UNI Port With Access Line Connection, UNI Port Only, IISP Port With Access Line Connection and IISP Port Only Customers and term commitments of one-, two-, three- and five-years are available to UNI IMA Port With Access Line Connections at the applicable rates set forth in Section 16.6.1 following, regardless of when they subscribe to an ESP arrangement.

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(K) Application of Rates and Charges (Cont'd)

(4) Termination Liability

In the event ATM CRS is terminated by the customer prior to completion of the initial term commitment period, Termination Liability charges, as set forth following, will apply.

In the event the service is terminated by the customer prior to completion of the current term commitment period, the customer shall be liable for an early termination charge, except as noted below. For customers entering into Extended Service Plans after December 6, 2003, the amount of the early termination charge will be 25% of the monthly recurring charge(s) (MRC) for the remainder of the term. For example:

25% x MRC x # of Lines/Channels/Paths x Remainder of Term = Termination Charge

Early termination charges will apply only to those rate elements under a term commitment period. If any rates for the service are increased during the term period, exclusive of any increase due to local, state or federal fees, taxes or surcharges, the customer may terminate the service without incurring an early termination charge.

For customers who entered into Extended Service Plans prior to December 6, 2003, the amount of the early termination charge will be the lesser of:

1. 25 % x MRC x # of Lines/Channels/Paths x Remainder of Term = Termination Charge

2. As an alternative for the five year term, the liability is equal to the total number of months completed in the term period times the difference between the three year and five year rate. For example, if 48 months had elapsed from the time the service was in effect, and the five year plan had initially been selected, the alternative termination liability would be calculated using the following formula:

   Termination Liability = 48 x (the three year rate minus the five year rate)

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(K) Application of Rates and Charges (Cont'd)

(4) Termination Liability (Cont'd)

For customers of record prior to December 6, 2003, if rates increase during the plan period, the customer may discontinue service without termination liability within 120 days of the rate increase. If the service is continued after the 120 days, all current plan terms and conditions apply, including termination liability.

End of Term Options

Prior to the end of the term commitment period, the customer may select one of the following options, to be effect at the end of the term:

Renew for the same commitment period;
Commit to a new term period of shorter or longer duration;
Arrange for a change of service; or
Discontinue service.

In the event the customer does not select one of the above options, the customer will be converted to the shortest-term period available under tariff (i.e., 1-year, etc.) for the same service, and will be subject to the applicable term commitment, if any, unless the customer terminates the service within sixty (60) days of the conversion date.

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(K) Application of Rates and Charges (Cont'd)

(5) Early termination charges will not be assessed under the following circumstances:

Customer moves existing service either to a new location within the same address and/or same building (inside move) or to a new location (outside move) and maintains that service for the remainder of the term;

Customer attempts to move the existing service to a new location within the company's service area, but the service is unavailable;

Customer converts to a new term commitment plan for the same service before the current term commitment expires and the value of the new term commitment is equal to or greater than the remaining value of the current term commitment; or

Customer changes to another service or upgrades service to a higher speed or capacity under a term commitment, provided the following conditions are met:

The value of the new term commitment is equal to or greater than the remaining value of the current term commitment,

Both the existing and the new services are provided solely by the company, and

The order to discontinue the existing service and the order for the new or upgraded service are received by the company at the same time.

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(K) Application of Rates and Charges (Cont'd)

(6) Moves

When a customer requests a move or relocation of the UNI or IISP, the move or relocation will be treated as a termination of the existing service and the establishment of a new service. Termination liability charges may be waived in certain conditions as specified in (5) preceding.

(7) Special Facilities Routing

A customer may request that the facilities used to provide ATM Cell Relay Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Enhanced Access Diversity, Alternate Serving Wire Center, Avoidance, Diversity and Cable-Only) are set forth in Section 11 preceding.

(8) Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation. Acceptance tests will include tests for the parameters applicable to the service as specified in the order for service.

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

(K) Application of Rates and Charges (Cont'd)

(9) Access Order Provisions

ATM Cell Relay Service is ordered under the Access Order provisions set forth in Section 5 preceding. Also included in that section are other charges that may be associated with ordering ATM Cell Relay Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

Service availability limited. Refer to # footnote on Page 16-78. (N)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

Service availability limited. Refer to # footnote on Page 16-78. (N)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges

(1) User Network Interfaces (UNIs) Port With Access Line Connection

(a) One-Year ESP	USOC	Monthly Rate	Nonrecurring Charge
- DS1 Full, each			
Tier 1 (0 to 5 miles)	UH511	$650.00	None
Tier 2 (Over 5 to 25 miles)	UH521	650.00	None
Tier 3 (Over 25 to 50 miles)	UH531	650.00	None
- DS3 Full, each			
Tier 1 (0 to 5 miles)	UH541	2,890.00	None
Tier 2 (Over 5 to 25 miles)	UH551	3,955.00	None
Tier 3 (Over 25 to 50 miles)	UH561	6,640.00	None
- DS3 Incremental, each			
Tier 1 (0 to 5 miles)	UH571	2,250.00	None
Tier 2 (Over 5 to 25 miles)	UH581	3,315.00	None
Tier 3 (Over 25 to 50 miles)	UH591	6,000.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(1) User Network Interfaces (UNIs) Port With Access Line Connection (Cont'd)

(a) One-Year ESP (Cont'd)	USOC	Monthly Rate	Nonrecurring Charge
OC3c SONET - Full			
- Protected, each			
Tier 1 (0 to 5 miles)	UH5A1	$5,390.00	None
Tier 2 (Over 5 to 25 miles)	UH5B1	7,325.00	None
Tier 3 (Over 25 to 50 miles)	UH5C1	9,890.00	None
- Protected Diverse, each			
Tier 1 (0 to 5 miles)	UH5D1	$5,840.00	None
Tier 2 (Over 5 to 25 miles)	UH5E1	7,775.00	None
Tier 3 (Over 25 to 50 miles)	UH5F1	10,340.00	None
- Unprotected, each			
Tier 1 (0 to 5 miles)	UH5G1	$4,890.00	None
Tier 2 (Over 5 to 25 miles)	UH5H1	6,700.00	None
Tier 3 (Over 25 to 50 miles)	UH5J1	9,390.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(1) User Network Interfaces (UNIs) Port With Access Line Connection (Cont'd)

(a) One-Year ESP (Cont'd)	USOC	Monthly Rate	Nonrecurring Charge
OC3c SONET - Incremental			
- Protected, each			
Tier 1 (0 to 5 miles)	UH5K1	$3,250.00	None
Tier 2 (Over 5 to 25 Miles)	UH5L1	5,190.00	None
Tier 3 (Over 25 to 50 Miles)	UH5M1	7,750.00	None
- Protected Diverse, each			
Tier 1 (0 to 5 miles)	UH5N1	$3,700.00	None
Tier 2 (Over 5 to 25 Miles)	UH5O1	5,640.00	None
Tier 3 (Over 25 to 50 Miles)	UH5P1	8,200.00	None
- Unprotected, each			
Tier 1 (0 to 5 miles)	UH5Q1	$2,750.00	None
Tier 2 (Over 5 to 25 Miles)	UH5R1	4,565.00	None
Tier 3 (Over 25 to 50 Miles)	UH5S1	7,250.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(1) User Network Interfaces (UNIs) Port With Access Line Connection (Cont'd)

(a) One-Year ESP (Cont'd)	USOC	Monthly Rate	Nonrecurring Charge
OC12c SONET - Full			
- Protected, each			
Tier 1 (0 to 5 miles)	UH5T1	$15,935.00	None
Tier 2 (Over 5 to 25 Miles)	UH5U1	21,741.00	None
Tier 3 (Over 25 to 50 Miles)	UH5V1	29,435.00	None
- Protected Diverse, each			
Tier 1 (0 to 5 miles)	UH5W1	17,229.00	None
Tier 2 (Over 5 to 25 Miles)	UH5X1	23,035.00	None
Tier 3 (Over 25 to 50 Miles)	UH5Y1	30,729.00	None
OC12c SONET - Incremental			
- Protected, each			
Tier 1 (0 to 5 miles)	UH5Z1	9,750.00	None
Tier 2 (Over 5 to 25 Miles)	UH611	15,570.00	None
Tier 3 (Over 25 to 50 Miles)	UH621	23,250.00	None
- Protected Diverse, each			
Tier 1 (0 to 5 miles)	UH631	11,053.00	None
Tier 2 (Over 5 to 25 Miles)	UH641	16,858.00	None
Tier 3 (Over 25 to 50 Miles)	UH651	24,553.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(1) User Network Interfaces (UNIs) Port With Access Line Connection (Cont'd)

(b) Two-Year ESP	USOC	Monthly Rate	Nonrecurring Charge
- DS1 Full, each			
Tier 1 (0 to 5 miles)	UH512	$618.00	None
Tier 2 (Over 5 to 25 miles)	UH522	618.00	None
Tier 3 (Over 25 to 50 miles)	UH532	618.00	None
- DS3 Full, each			
Tier 1 (0 to 5 miles)	UH542	2,746.00	None
Tier 2 (Over 5 to 25 miles)	UH552	3,757.00	None
Tier 3 (Over 25 to 50 miles)	UH562	6,308.00	None
- DS3 Incremental, each			
Tier 1 (0 to 5 miles)	UH572	2,138.00	None
Tier 2 (Over 5 to 25 miles)	UH582	3,149.00	None
Tier 3 (Over 25 to 50 miles)	UH592	5,700.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(1) User Network Interfaces (UNIs) Port With Access Line Connection (Cont'd)

(b) Two-Year ESP (Cont'd)	USOC	Monthly Rate	Nonrecurring Charge
OC3c SONET - Full			
- Protected, each			
Tier 1 (0 to 5 miles)	UH5A2	$5,121.00	None
Tier 2 (Over 5 to 25 miles)	UH5B2	6,959.00	None
Tier 3 (Over 25 to 50 miles)	UH5C2	9,396.00	None
- Protected Diverse, each			
Tier 1 (0 to 5 miles)	UH5D2	$5,548.00	None
Tier 2 (Over 5 to 25 miles)	UH5E2	7,386.00	None
Tier 3 (Over 25 to 50 miles)	UH5F2	9,823.00	None
- Unprotected, each			
Tier 1 (0 to 5 miles)	UH5G2	$4,646.00	None
Tier 2 (Over 5 to 25 miles)	UH5H2	6,365.00	None
Tier 3 (Over 25 to 50 miles)	UH5J2	8,921.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(1) User Network Interfaces (UNIs) Port With Access Line Connection (Cont'd)

(b) Two-Year ESP (Cont'd)	USOC	Monthly Rate	Nonrecurring Charge
OC3c SONET - Incremental			
- Protected, each			
Tier 1 (0 to 5 miles)	UH5K2	$3,088.00	None
Tier 2 (Over 5 to 25 Miles)	UH5L2	4,931.00	None
Tier 3 (Over 25 to 50 Miles)	UH5M2	7,363.00	None
- Protected Diverse, each			
Tier 1 (0 to 5 miles)	UH5N2	$3,515.00	None
Tier 2 (Over 5 to 25 Miles)	UH5O2	5,358.00	None
Tier 3 (Over 25 to 50 Miles)	UH5P2	7,790.00	None
- Unprotected, each			
Tier 1 (0 to 5 miles)	UH5Q2	$2,613.00	None
Tier 2 (Over 5 to 25 Miles)	UH5R2	4,337.00	None
Tier 3 (Over 25 to 50 Miles)	UH5S2	6,888.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(1) User Network Interfaces (UNIs) Port With Access Line Connection (Cont'd)

(b) Two-Year ESP (Cont'd)	USOC	Monthly Rate	Nonrecurring Charge
OC12c SONET - Full			
- Protected, each			
Tier 1 (0 to 5 miles)	UH5T2	$15,138.00	None
Tier 2 (Over 5 to 25 Miles)	UH5U2	20,654.00	None
Tier 3 (Over 25 to 50 Miles)	UH5V2	27,963.00	None
- Protected Diverse, each			
Tier 1 (0 to 5 miles)	UH5W2	16,368.00	None
Tier 2 (Over 5 to 25 Miles)	UH5X2	21,883.00	None
Tier 3 (Over 25 to 50 Miles)	UH5Y2	29,193.00	None
OC12c SONET - Incremental			
- Protected, each			
Tier 1 (0 to 5 miles)	UH5Z2	9,263.00	None
Tier 2 (Over 5 to 25 Miles)	UH612	14,792.00	None
Tier 3 (Over 25 to 50 Miles)	UH622	22,088.00	None
- Protected Diverse, each			
Tier 1 (0 to 5 miles)	UH632	10,500.00	None
Tier 2 (Over 5 to 25 Miles)	UH642	16,015.00	None
Tier 3 (Over 25 to 50 Miles)	UH652	23,325.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(1) User Network Interfaces (UNIs) Port With Access Line Connection (Cont'd)

(c) Three Year ESP	USOC	Monthly Rate	Nonrecurring Charge
- DS1 Full, each			
Tier 1 (0 to 5 miles)	UH513	$565.00	None
Tier 2 (Over 5 to 25 miles)	UH523	565.00	None
Tier 3 (Over 25 to 50 miles)	UH533	565.00	None
- DS3 Full, each			
Tier 1 (0 to 5 miles)	UH543	2,460.00	None
Tier 2 (Over 5 to 25 miles)	UH553	3,360.00	None
Tier 3 (Over 25 to 50 miles)	UH563	5,645.00	None
- DS3 Incremental, each			
Tier 1 (0 to 5 miles)	UH573	1,915.00	None
Tier 2 (Over 5 to 25 miles)	UH583	2,815.00	None
Tier 3 (Over 25 to 50 miles)	UH593	5,100.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(1) User Network Interfaces (UNIs) Port With Access Line Connection (Cont'd)

(c) Three Year ESP (Cont'd)	USOC	Monthly Rate	Nonrecurring Charge
OC3c SONET - Full			
- Protected, each			
Tier 1 (0 to 5 miles)	UH5A3	$4,580.00	None
Tier 2 (Over 5 to 25 Miles)	UH5B3	6,225.00	None
Tier 3 (Over 25 to 50 Miles)	UH5C3	8,405.00	None
- Protected Diverse, each			
Tier 1 (0 to 5 miles)	UH5D3	$4,965.00	None
Tier 2 (Over 5 to 25 Miles)	UH5E3	6,610.00	None
Tier 3 (Over 25 to 50 Miles)	UH5F3	8,790.00	None
- Unprotected, each			
Tier 1 (0 to 5 miles)	UH5G3	$4,155.00	None
Tier 2 (Over 5 to 25 Miles)	UH5H3	5,695.00	None
Tier 3 (Over 25 to 50 Miles)	UH5J3	7,980.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(1) User Network Interfaces (UNIs) Port With Access Line Connection (Cont'd)

(c) Three Year ESP (Cont'd)	USOC	Monthly Rate	Nonrecurring Charge
OC3c SONET - Incremental			
- Protected, each			
Tier 1 (0 to 5 miles)	UH5K3	$2,765.00	None
Tier 2 (Over 5 to 25 Miles)	UH5L3	4,410.00	None
Tier 3 (Over 25 to 50 Miles)	UH5M3	6,590.00	None
- Protected Diverse, each			
Tier 1 (0 to 5 miles)	UH5N3	$3,145.00	None
Tier 2 (Over 5 to 25 Miles)	UH5O3	4,795.00	None
Tier 3 (Over 25 to 50 Miles)	UH5P3	6,970.00	None
- Unprotected, each			
Tier 1 (0 to 5 miles)	UH5Q3	$2,340.00	None
Tier 2 (Over 5 to 25 Miles)	UH5R3	3,875.00	None
Tier 3 (Over 25 to 50 Miles)	UH5S3	6,165.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(1) User Network Interfaces (UNIs) Port With Access Line Connection (Cont'd)

(c) Three Year ESP(Cont'd)	USOC	Monthly Rate	Nonrecurring Charge
OC12c SONET - Full			
- Protected, each			
Tier 1 (0 to 5 miles)	UH5T3	$13,545.00	None
Tier 2 (Over 5 to 25 Miles)	UH5U3	18,480.00	None
Tier 3 (Over 25 to 50 Miles)	UH5V3	25,020.00	None
- Protected Diverse, each			
Tier 1 (0 to 5 miles)	UH5W3	14,645.00	None
Tier 2 (Over 5 to 25 Miles)	UH5X3	19,580.00	None
Tier 3 (Over 25 to 50 Miles)	UH5Y3	26,120.00	None
OC12c SONET - Incremental			
- Protected, each			
Tier 1 (0 to 5 miles)	UH5Z3	8,295.00	None
Tier 2 (Over 5 to 25 Miles)	UH613	13,230.00	None
Tier 3 (Over 25 to 50 Miles)	UH623	19,770.00	None
- Protected Diverse, each			
Tier 1 (0 to 5 miles)	UH633	9,395.00	None
Tier 2 (Over 5 to 25 Miles)	UH643	14,330.00	None
Tier 3 (Over 25 to 50 Miles)	UH653	20,870.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (N)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(1) User Network Interfaces (UNIs) Port With Access Line Connection (Cont'd)

(d) Five Year ESP	USOC	Monthly Rate	Nonrecurring Charge
- DS1 Full, each			
Tier 1 (0 to 5 miles)	UH515	$525.00	None
Tier 2 (Over 5 to 25 miles)	UH525	525.00	None
Tier 3 (Over 25 to 50 miles)	UH535	525.00	None
- DS3 Full, each			
Tier 1 (0 to 5 miles)	UH545	2,315.00	None
Tier 2 (Over 5 to 25 miles)	UH555	3,165.00	None
Tier 3 (Over 25 to 50 miles)	UH565	5,315.00	None
- DS3 Incremental, each			
Tier 1 (0 to 5 miles)	UH575	1,800.00	None
Tier 2 (Over 5 to 25 miles)	UH585	2,650.00	None
Tier 3 (Over 25 to 50 miles)	UH595	4,800.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(1) User Network Interfaces (UNIs) Port With Access Line Connection (Cont'd)

(d) Five Year ESP (Cont'd)	USOC	Monthly Rate	Nonrecurring Charge
OC3c SONET - Full			
- Protected, each			
Tier 1 (0 to 5 miles)	UH5A5	$4,310.00	None
Tier 2 (Over 5 to 25 Miles)	UH5B5	5,860.00	None
Tier 3 (Over 25 to 50 Miles)	UH5C5	7,900.00	None
- Protected Diverse, each			
Tier 1 (0 to 5 miles)	UH5D5	$4,670.00	None
Tier 2 (Over 5 to 25 Miles)	UH5E5	6,220.00	None
Tier 3 (Over 25 to 50 Miles)	UH5F5	8,272.00	None
- Unprotected, each			
Tier 1 (0 to 5 miles)	UH5G5	$3,910.00	None
Tier 2 (Over 5 to 25 Miles)	UH5H5	5,360.00	None
Tier 3 (Over 25 to 50 Miles)	UH5J5	7,510.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(1) User Network Interfaces (UNIs) Port With Access Line Connection (Cont'd)

(d) Five Year ESP (Cont'd)	USOC	Monthly Rate	Nonrecurring Charge
OC3c SONET - Incremental			
- Protected, each			
Tier 1 (0 to 5 miles)	UH5K5	$2,600.00	None
Tier 2 (Over 5 to 25 Miles)	UH5L5	4,150.00	None
Tier 3 (Over 25 to 50 Miles)	UH5M5	6,200.00	None
- Protected Diverse, each			
Tier 1 (0 to 5 miles)	UH5N5	$2,960.00	None
Tier 2 (Over 5 to 25 Miles)	UH5O5	4,510.00	None
Tier 3 (Over 25 to 50 Miles)	UH5P5	6,560.00	None
- Unprotected, each			
Tier 1 (0 to 5 miles)	UH5Q5	$2,200.00	None
Tier 2 (Over 5 to 25 Miles)	UH5R5	3,650.00	None
Tier 3 (Over 25 to 50 Miles)	UH5S5	5,800.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(1) User Network Interfaces (UNIs) Port With Access Line Connection (Cont'd)

(d) Five Year ESP (Cont'd)	USOC	Monthly Rate	Nonrecurring Charge
OC12c SONET - Full			
- Protected, each			
Tier 1 (0 to 5 miles)	UH5T5	$12,748.00	None
Tier 2 (Over 5 to 25 Miles)	UH5U5	17,393.00	None
Tier 3 (Over 25 to 50 Miles)	UH5V5	23,548.00	None
- Protected Diverse, each			
Tier 1 (0 to 5 miles)	UH5W5	13,784.00	None
Tier 2 (Over 5 to 25 Miles)	UH5X5	18,428.00	None
Tier 3 (Over 25 to 50 Miles)	UH5Y5	24,583.00	None
OC12c SONET - Incremental			
- Protected, each			
Tier 1 (0 to 5 miles)	UH5Z5	7,800.00	None
Tier 2 (Over 5 to 25 Miles)	UH615	12,450.00	None
Tier 3 (Over 25 to 50 Miles)	UH625	18,600.00	None
- Protected Diverse, each			
Tier 1 (0 to 5 miles)	UH635	8,842.00	None
Tier 2 (Over 5 to 25 Miles)	UH645	13,487.00	None
Tier 3 (Over 25 to 50 Miles)	UH655	19,642.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(2) Interim Inter-Switch Signaling Protocol (IISP) Interfaces Port With Access Line Connection - Tier 1

(a) One-Year ESP	USOC	Monthly Rate	Nonrecurring Charge
(1) DS1 Full, each	SPXA1	$ 650.00	None
(2) DS3 Full, each	SPXB1	2,890.00	None
(3) OC3c SONET-Full			
- Protected, each	SPXC1	5,390.00	None
- Protected Diverse, each	SPXJ1	5,840.00	None
- Unprotected, each	SPXD1	4,890.00	None
(4) OC12c SONET-Full			
- Protected, each	SPXV1	15,935.00	None
- Protected Diverse, each	SPXW1	17,229.00	None
(b) Two-Year ESP			
(1) DS1 Full, each	SPXA2	618.00	None
(2) DS3 Full, each	SPXB2	2,746.00	None
(3) OC3c SONET-Full			
- Protected, each	SPXC2	4,646.00	None
- Protected Diverse, each	SPXJ2	5,121.00	None
- Unprotected, each	SPXD2	5,548.00	None
(4) OC12c SONET-Full			
- Protected, each	SPXV2	15,138.00	None
- Protected Diverse, each	SPXW2	16,368.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(2) Interim Inter-Switch Signaling Protocol (IISP) Interfaces Port With Access Line Connection - Tier 1 (Cont'd)

(c) Three-Year ESP	USOC	Monthly Rate	Nonrecurring Charge
(1) DS1 Full, each	SPXA3	565.00	None
(2) DS3 Full, each	SPXB3	2,460.00	None
(3) OC3c SONET-Full			
- Protected, each	SPXC3	4,580.00	None
- Protected Diverse, each	SPXJ3	4,964.00	None
- Unprotected, each	SPXD3	4,155.00	None
(4) OC12c SONET-Full			
- Protected, each	SPXV3	14,748.00	None
- Protected Diverse, each	SPXW3	14,645.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(2) Interim Inter-Switch Signaling Protocol (IISP) Interfaces Port With Access Line Connection - Tier 1 (Cont'd)

(d) Five Year ESP	USOC	Monthly Rate	Nonrecurring Charge
(1) DS1 Full, each	SPXA5	$ 525.00	None
(2) DS3 Full, each	SPXB5	2,315.00	None
(3) OC3c SONET-Full			
- Protected, each	SPXC5	4,310.00	None
- Protected Diverse, each	SPXJ5	4,672.00	None
- Unprotected, each	SPXD5	3,910.00	None
(4) OC12c SONET-Full			
- Protected, each	SPXV5	13,545.00	None
- Protected Diverse, each	SPXW5	13,784.00	None

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(3) Optional Features

(a) Permanent Virtual Circuits (PVCs for DS1, DS3, OC3c SONET, or OC12c SONET

	Nonrecurring Charge*
1. Virtual Channel Connections (VCCs)	
Constant Bit Rate (CBR)	$ 75.00
Variable Bit Rate real time (VBRrt)	75.00
Variable Bit Rate non-real time (VBRnrt)	75.00
Unspecified Bit Rate (UBR)	75.00
2. Virtual Path Connections (VPCs)	
Constant Bit Rate (CBR)	$ 75.00
Variable Bit Rate real time (VBRrt)	75.00
Variable Bit Rate non-real time (VBRnrt)	75.00
Unspecified Bit Rate (UBR)	75.00

b. Switched Virtual Circuits (SVCs)

	Nonrecurring Charge*
1. Virtual Channel Connections (VCCs)	
Constant Bit Rate (CBR)	$ 75.00
Variable Bit Rate real time (VBRrt)	75.00
Variable Bit Rate non-real time (VBRnrt)	75.00
Unspecified Bit Rate (UBR)	75.00
2. Virtual Path Connections (VPCs)	
Constant Bit Rate (CBR)	$ 75.00
Variable Bit Rate real time (VBRrt)	75.00
Variable Bit Rate non-real time (VBRnrt)	75.00
Unspecified Bit Rate (UBR)	75.00

Service availability limited. Refer to # footnote on Page 16-78. (N)

* A nonrecurring administrative charge applies per service order. PVCs/SVCs are ordered per UNI or IISP. If multiple UNIs or IISPs are involved, a service order will apply to each UNI or IISP Port on which the virtual connections will reside. The nonrecurring charge will be waived when PVCs/SVCs are installed at the same time as the respective UNIs or IISPs.

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(3) Optional Features (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge*
(b) Bandwidth for Incremental UNIs - DS3 or OC3c			
CBR or VBR PVC Bandwidth			
- 5 Mbps of Effective Bandwidth	CWVEA	$ 75.00	
UBR PVC and SVC Bandwidth			
- Bandwidth up to UNI line rate			
DS3	BWAUX	375.00	
OC3c	BWAUX	1,125.00	
CBR or VBR SVC Bandwidth			
- 5 Mbps of Effective Bandwidth	CWVSA	75.00	
(c) Bandwidth for Incremental UNIs – OC12c			
CBR or VBR PVC Bandwidth			
- 15 Mbps of Effective Bandwidth	CWVPV	175.00	
UBR PVC and SVC Bandwidth			
- Bandwidth up to UNI line rate			
OC12c	BWAUX	3,500.00	
CBR or VBR SVC Bandwidth			
- 15 Mbps of Effective Bandwidth	CWVSV	175.00	
(d) Closed User Groups (CUGs) per UNI/IISP			
- Each CUG established	REALK	None	$75.00
- Each subsequent CUG member added to a CUG	REALK	None	75.00

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)
16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)
16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff FCC No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(4) UNI Inverse Multiplexing ATM (IMA)Port with Access Line Connection, Per DS1

1. First DS1, each (1.536 Mbps total bandwidth)

	USOC	Monthly Rate
Full		
Tier 1 (0 to 5 Miles)		
One Year	UU3A1	$669.50
Two Year	UU3A2	636.03
Three Year	UU3A3	581.95
Five Year	UU3A5	540.75
Tier 2 (Over 5 to 25 Miles)		
One Year	UU3B1	669.50
Two Year	UU3B2	636.03
Three Year	UU3B3	581.95
Five Year	UU3B5	540.75
Tier 3 (Over 25 to 50 Miles)		
One Year	UU3C1	669.50
Two Year	UU3C2	636.03
Three Year	UU3C3	581.95
Five Year	UU3C5	540.75

2. Second DS1, each (3 Mbps total bandwidth)

Full		
Tier 1 (0 to 5 Miles)		
One Year	UU3D1	650.00
Two Year	UU3D2	617.50
Three Year	UU3D3	565.00
Five Year	UU3D5	525.00
Tier 2 (Over 5 to 25 Miles)		
One Year	UU3E1	650.00
Two Year	UU3E2	617.50
Three Year	UU3E3	565.00
Five Year	UU3E5	525.00
Tier 3 (Over 25 to 50 Miles)		
One Year	UU3F1	650.00
Two Year	UU3F2	617.50
Three Year	UU3F3	565.00
Five Year	UU3F5	525.00

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)
16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)
16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff FCC No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(4) UNI Inverse Multiplexing ATM (IMA)Port with Access Line Connection, Per DS1 (Cont'd)

3. Third DS1, each (4.5 Mbps total bandwidth)

	USOC	Monthly Rate
Full		
Tier 1 (0 to 5 Miles)		
One Year	UU3G1	611.00
Two Year	UU3G2	580.45
Three Year	UU3G3	531.10
Five Year	UU3G5	493.50
Tier 2 (Over 5 to 25 Miles)		
One Year	UU3H1	611.00
Two Year	UU3H2	580.45
Three Year	UU3H3	531.10
Five Year	UU3H5	493.50
Tier 3 (Over 25 to 50 Miles)		
One Year	UU3J1	611.00
Two Year	UU3J2	580.45
Three Year	UU3J3	531.10
Five Year	UU3J5	493.50

4. Fourth DS1, each (6 Mbps total bandwidth)

Full		
Tier 1 (0 to 5 Miles)		
One Year	UU3K1	611.00
Two Year	UU3K2	580.45
Three Year	UU3K3	531.10
Five Year	UU3K5	493.50
Tier 2 (Over 5 to 25 Miles)		
One Year	UU3L1	611.00
Two Year	UU3L2	580.45
Three Year	UU3L3	531.10
Five Year	UU3L5	493.50
Tier 3 (Over 25 to 50 Miles)		
One Year	UU3M1	611.00
Two Year	UU3M2	580.45
Three Year	UU3M3	531.10
Five Year	UU3M5	493.50

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)
16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)
16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff FCC No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(4) UNI Inverse Multiplexing ATM (IMA)Port with Access Line Connection, Per DS1 (Cont'd)

5. Fifth DS1, each (7.5 Mbps total bandwidth)

	USOC	Monthly Rate
Full		
Tier 1 (0 to 5 Miles)		
One Year	UU3N1	611.00
Two Year	UU3N2	580.45
Three Year	UU3N3	531.10
Five Year	UU3N5	493.50
Tier 2 (Over 5 to 25 Miles)		
One Year	UU3O1	611.00
Two Year	UU3O2	580.45
Three Year	UU3O3	531.10
Five Year	UU3O5	493.50
Tier 3 (Over 25 to 50 Miles)		
One Year	UU3P1	611.00
Two Year	UU3P2	580.45
Three Year	UU3P3	531.10
Five Year	UU3P5	493.50

6. Sixth DS1, each (9 Mbps total bandwidth)

Full		
Tier 1 (0 to 5 Miles)		
One Year	UU3Q1	611.00
Two Year	UU3Q2	580.45
Three Year	UU3Q3	531.10
Five Year	UU3Q5	493.50
Tier 2 (Over 5 to 25 Miles)		
One Year	UU3R1	611.00
Two Year	UU3R2	580.45
Three Year	UU3R3	531.10
Five Year	UU3R5	493.50
Tier 3 (Over 25 to 50 Miles)		
One Year	UU3S1	611.00
Two Year	UU3S2	580.45
Three Year	UU3S3	531.10
Five Year	UU3S5	493.50

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(5) UNI Port Only Connection

(a) One-Year ESP	USOC	Monthly Rate	Nonrecurring Charge
DS1, Full	APTT1	$ 390.00	NONE
DS3, Incremental	APTO1	1,125.00	NONE
DS3, Full	APTU1	1,765.00	NONE
OC3c, Incremental	APTS1	1,625.00	NONE
OC3c, Full	APTV1	3,665.00	NONE
OC12c, Incremental	APTJ1	4,875.00	NONE
OC12c, Full	APTK1	10,125.00	NONE
(b) Two-Year ESP			
DS1, Full	APTT2	$ 371.00	NONE
DS3, Incremental	APTO2	1,069.00	NONE
DS3, Full	APTU2	1,677.00	NONE
OC3c, Incremental	APTS2	1,544.00	NONE
OC3c, Full	APTV2	3,482.00	NONE
OC12c, Incremental	APTJ2	4,631.00	NONE
OC12c, Full	APTK2	9,619.00	NONE
(c) Three-Year ESP			
DS1, Full	APTT3	$ 332.00	NONE
DS3, Incremental	APTO3	956.00	NONE
DS3, Full	APTU3	1,500.00	NONE
OC3c, Incremental	APTS3	1,381.00	NONE
OC3c, Full	APTV3	3,115.00	NONE
OC12c, Incremental	APTJ3	4,144.00	NONE
OC12c, Full	APTK3	8,606.00	NONE
(d) Five-Year ESP			
DS1, Full	APTT5	$ 312.00	NONE
DS3, Incremental	APTO5	900.00	NONE
DS3, Full	APTU5	1,412.00	NONE
OC3c, Incremental	APTS5	1,300.00	NONE
OC3c, Full	APTV5	2,932.00	NONE
OC12c, Incremental	APTJ5	3,900.00	NONE
OC12c, Full	APTK5	8,100.00	NONE

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(6) IISP Port Only Connection

(a) One-Year ESP	USOC	Monthly Rate	Nonrecurring Charge
DS1, Full	APTP1	$ 390.00	NONE
DS3, Full	APTQ1	1,765.00	NONE
OC3c, Full	APTR1	3,665.00	NONE
OC12c, Full	APTL1	10,125.00	NONE
(b) Two-Year ESP			
DS1, Full	APTP2	$ 371.00	NONE
DS3, Full	APTQ2	1,677.00	NONE
OC3c, Full	APTR2	3,482.00	NONE
OC12c, Full	APTL2	9,619.00	NONE

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service# (Cont'd) (T)

This service will be provided by the Telephone Company only in the State of New Jersey. Provision of this service in all other states will be provided through the Telephone Company's Tariff F.C.C. No. 20, Communications Services.

(L) Rates and Charges (Cont'd)

(6) IISP Port Only Connection (Cont'd)

(c) Three-Year ESP	USOC	Monthly Rate	Nonrecurring Charge
DS1, Full	APTP3	$ 332.00	NONE
DS3, Full	APTQ3	1,500.00	NONE
OC3c, Full	APTR3	3,115.00	NONE
OC12c, Full	APTL3	8,606.00	NONE

(d) Five-Year ESP			
DS1, Full	APTP5	$ 312.00	NONE
DS3, Full	APTQ5	1,412.00	NONE
OC3c, Full	APTR5	2,932.00	NONE
OC12c, Full	APTL5	8,100.00	NONE

Service availability limited. Refer to # footnote on Page 16-78. (N)

16. Packet Data Services (Cont'd)

16.7 Channel Extension Service# (T)

Channel Extension Service provides dedicated point to point broadband data transmission between mainframe computers, between mainframes and peripheral devices and/or between Local Area Networks (LANs) using either a repeater backbone architecture or a dense wave division multiplexing (DWDM) backbone architecture.

16.7.1 Service Description

The repeater backbone architecture can support an ESCON (International Business Machines Corporation's (IBM's) Enterprise Systems CONnection protocol, ESCON® is an IBM registered trademark) or External Time Reference (ETR) interface with a bandwidth of 200 Mbps. The DWDM backbone architecture can support a bandwidth of up to 1.25 Gbps. Channel Extension Service is provided as a two point transmission between customer designated premises.

The ETR centralized time reference unit maintains time of day synchronization. This interface can be used on both the repeater backbone and the DWDM backbone architectures.

Channel Extension Service is provided over two fiber optic strands connecting the network interfaces at the customer designated premises. The repeater backbone architecture provides one ESCON channel over each fiber pair. The DWDM backbone architecture can provide up to fourteen channels over each fiber pair. For path redundancy, DWDM requires a second pair of fiber optic strands and a switch protection module in the equipment.

Effective October 5, 2007, orders for new Channel Extension Service are no longer permitted. The Telephone Company will continue to provide Channel Extension Service pursuant to this Section 16.7 on any existing Channel Extension Service that is in-service as of October 5, 2007, or any order for Channel Extension Service that is placed with the Telephone Company prior to October 5, 2007 (collectively, Existing CES), subject to the following condition: (N)

The Telephone Company will continue to provide Existing CES to a term plan customer for the remainder of the customer’s current commitment period plus an additional six (6) months beyond the expiration date of such commitment period at the existing rates of the current term plan, or until the customer replaces the Existing CES with a comparable Telephone Company provided service, or until the customer discontinues service, whichever occurs first. During the remainder of the current commitment period, and subject to the availability of facilities and equipment, orders involving additions and/or changes to Existing CES are permitted provided that they do not require a new commitment period. Orders involving additions and/or changes to Existing CES are not permitted during the additional six (6) month period. (N)

16. Packet Data Services (Cont'd)

16.7 Channel Extension Service# (Cont'd)

16.7.2 Technical Specifications

The technical specifications for Channel Extension Service using the repeater backbone architecture are described in the following Technical References: (T)

ANSI INCITS 296-1997 (R2007) Fiber Channel Single-byte Command Code Sets Connection Architecture (SBCON) (C)(x)

Enterprise Systems Architecture/390 ESCON I/O Interface, Physical Layer
SA23-0394-06 (C)(x)

ESA/390 ESCON I/O Interface
SA22-7202-02 (T)

ESCON Introduction
GA23-0383-01 (T)

Channel Extension Service using the DWDM backbone architecture is transparent for any data communications protocol and uses the application protocol of the attached device.

The compatible network channel interface code for Channel Extension Service using the repeater backbone architecture is 02FCF.20, and using the DWDM backbone architecture is 02FCF.125.

(x) ANSI INCITS 296-1997 (R2007) replaces ANSI X3.271 in its entirety.
SA23-0394-06 replaces SA23-0394-02 in its entirety.

Service availability limited. Refer to # footnote on Page 16-104.

16. Packet Data Services (Cont'd)

16.7 Channel Extension Service# (Cont'd) (T)

16.7.3 Terms and Conditions

Channel Extension Service is available between a customer's two premises where suitable single mode fiber optic facilities exist to provide such service. Where suitable facilities do not exist to provide the service, the Telephone Company may require that facilities be specially constructed subject to the provisions set forth in Sections 2.1.4, Provision of Services, and 5.1.3, Special Construction, preceding.

Channel Extension Service is provided under a 3 year or 5 year term plan as selected by the customer. Each channel is established with a contract that begins with the date of installation.

Channel Extension Service is provided on a Negotiated Interval as described in Section 5 preceding.

The Company will provide monitoring of the signal to the parameters specified in the technical references.

The Company cannot guarantee the successful performance of this service on the repeater backbone architecture when the distance between premises exceeds 20 kilometers or when transmission loss is greater than 14db. In these instances, a repeater is required. The maximum distance from end to end is approximately 43 kilometers, and the maximum number of repeaters per channel is one. The Telephone Company will determine the wire center in which such repeaters will be utilized.

The Telephone Company cannot guarantee the successful performance of this service on the DWDM backbone architecture when the transmission loss between premises is greater than 17db with Path Protection and 23db without Path Protection. The DWDM architecture does not have regeneration capabilities. The customer's interface will be 13nm.

The customer is responsible for purchasing the appropriate circuits and associated equipment required to provide the Telephone Company with out-of-band monitoring of the network devices. These circuits will connect the equipment located at the customer's premises to a control center location.

Service availability limited. Refer to # footnote on Page 16-104. (N)

16. Packet Data Services (Cont'd)

16.7 Channel Extension Service# (Cont'd) (T)

16.7.3 Terms and Conditions (Cont'd)

Network maintenance and network upgrades for Channel Extension Service are performed between 11:00pm and 8:00am. At times, during the hours of maintenance activity, it will be necessary to place a customer's service in an inactive (out of service) condition. The amount of time that this scheduled out of service condition will exist is called a "maintenance window." The Company will provide notice to the customer prior to the maintenance window. Down time during a maintenance window does not qualify for credit allowance as a service outage.

Moves and relocations of a channel termination are treated as disconnects.

Channel Extension Service is supported by the Telephone Company's Single Point of Contact (SPOC) center, which provides continuous maintenance, trouble resolution, and network monitoring twenty-four hours per day, seven days per week (24x7). Service order processing and network installation functions are preformed during normal business hours only.

Service availability limited. Refer to # footnote on Page 16-104. (N)

16. Packet Data Services (Cont'd)

16.7 Channel Extension Service# (Cont'd) (T)

16.7.4 Rate Regulations

The minimum payment period for Channel Extension Service is 3 years.

All rate elements of the same channel are charged in the same term plan.

At the expiration of a term plan, the customer’s Channel Extension Service will automatically be renewed at the currently effective 3 year or 5 year rate or the customer may subscribe to a new term plan.

Termination liability charges apply when a service is disconnected prior to the end of the selected term period. Liability is assessed as follows:

For the termination of a 3 year term plan prior to its expiration date, the termination liability is equal to 100% of the applicable monthly charges (channel terminations, mileage and either repeater or redundant path switching) for each month or fraction thereof remaining in the term plan.

For the termination of a 5 year term plan, the termination liability is equal to the difference between the monthly rates for 36 months at the 3-year term rates and the actual number of months the plan has been in effect multiplied by the 5-year monthly rates.

Termination liability is not assessed when the customer elects to change a current plan to a longer term plan. The current plan is cancelled and the new longer term plan is established.

Service availability limited. Refer to # footnote on Page 16-104. (N)

16. Packet Data Services (Cont'd)

16.7 Channel Extension Service# (Cont'd) (T)

16.7.5 Rate Categories

Applicable rate categories with monthly recurring rates are channel termination, channel mileage, and where applicable, repeater or redundant path switching rate elements.

A channel termination rate element applies for each customer designated premises at which the channel is terminated. It includes the interface at each designated premises and the communications path from the premises to the serving wire center. As a two point service, each Channel Extension Service has two channel terminations. An Initial Channel Termination monthly recurring charge applies for the first channel termination at each premises. A Subsequent Channel Termination Charge applies for the second and any subsequent channel terminations added at each premises.

The channel mileage rate category applies for the interoffice transmission facilities between the serving wire centers. It consists of a fixed and a per mile rate element. See Section 7.4.6 preceding for mileage measurement.

The Repeater rate element applies when repeater equipment is required in a wire center to meet the transmission requirements for the service using the repeater backbone architecture. The Initial monthly recurring Repeater Charge applies for the first Channel Extension service requiring a repeater in a serving wire center. The Subsequent Repeater Charge applies to the second and all succeeding services requiring a repeater in the same wire center.

The Redundant Path Switching rate element applies when path redundancy is provided in the network for the service using the DWDM backbone redundancy.

Nonrecurring charges apply to the channel termination rate category. There are Initial and Subsequent charges that are applied on the same basis as the recurring rate element.

Service availability limited. Refer to # footnote on Page 16-104. (N)

16. Packet Data Services (Cont'd)

16.7 Channel Extension Service# (Cont'd) (T)

16.7.6 Rates and Charges

	USOC	Monthly Rate	Nonrecurring Charge
(A) **Repeater Backbone Architecture**			
(1) **Channel Terminations**			
3 Year			
Per Initial Termination	TZU1X		
N-MSA		$3,600.00	$1,500.00
Price Band 4		3,600.00	1,500.00
Price Band 5		3,600.00	1,500.00
Price Band 6		3,600.00	1,500.00
Per Subsequent Termination	TYH1X		
N-MSA		1,250.00	1,100.00
Price Band 4		1,250.00	1,100.00
Price Band 5		1,250.00	1,100.00
Price Band 6		1,250.00	1,100.00
5 Year			
Per Initial Termination	TZU4X		
N-MSA		3,250.00	1,500.00
Price Band 4		3,250.00	1,500.00
Price Band 5		3,250.00	1,500.00
Price Band 6		3,250.00	1,500.00
Per Subsequent Termination	TYH4X		
N-MSA		900.00	1,100.00
Price Band 4		900.00	1,100.00
Price Band 5		900.00	1,100.00
Price Band 6		900.00	1,100.00

Service availability limited. Refer to # footnote on Page 16-104. (N)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.7 Channel Extension Service# (Cont'd) (T)

16.7.6 Rates and Charges (Cont'd)

(A) **Repeater Backbone Architecture** (Cont'd)

(2) **Channel Mileage**

		Monthly Rate	
		Fixed	Per Mile
3 Year	1Y9LS		
N-MSA		20.00	135.00
Price Band 4		20.00	135.00
Price Band 5		20.00	135.00
Price Band 6		20.00	135.00
5 Year	1Y97S		
N-MSA		15.00	100.00
Price Band 4		15.00	100.00
Price Band 5		15.00	100.00
Price Band 6		15.00	100.00

Service availability limited. Refer to # footnote on Page 16-104. (N)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.7 Channel Extension Service# (Cont'd) (T)

16.7.6 Rates and Charges (Cont'd)

(A) **Repeater Backbone Architecture** (Cont'd)

(3) **Repeater**

	USOC	Monthly Rate	Nonrecurring Charge
3 Year			
Per Initial Circuit	RP613		
N-MSA		1,700.00	N/A
Price Band 4		1,700.00	N/A
Price Band 5		1,700.00	N/A
Price Band 6		1,700.00	N/A
Per Subsequent Circuit	RP6A3		
N-MSA		800.00	N/A
Price Band 4		800.00	N/A
Price Band 5		800.00	N/A
Price Band 6		800.00	N/A
5 Year			
Per Initial Circuit	RP615		
N-MSA		1,500.00	N/A
Price Band 4		1,500.00	N/A
Price Band 5		1,500.00	N/A
Price Band 6		1,500.00	N/A
Per Subsequent Circuit	RP6A5		
N-MSA		600.00	N/A
Price Band 4		600.00	N/A
Price Band 5		600.00	N/A
Price Band 6		600.00	N/A

Service availability limited. Refer to # footnote on Page 16-104. (N)

16. Packet Data Services (Cont'd)

16.7 Channel Extension Service# (Cont'd) (T)

16.7.6 Rates and Charges (Cont'd)

(B) **Dense Wave Division Multiplexing Backbone Architecture**

(1) **Channel Terminations**

	USOC	Monthly Rate	Nonrecurring Charge
3 Year			
Per Initial Termination	TZUQX		
N-MSA		$4,600.00	$1,000.00
Price Band 4		4,600.00	1,000.00
Price Band 5		4,600.00	1,000.00
Price Band 6		4,600.00	1,000.00
Per Subsequent Termination	TYHQX		
N-MSA		900.00	500.00
Price Band 4		900.00	500.00
Price Band 5		900.00	500.00
Price Band 6		900.00	500.00
5 Year			
Per Initial Termination	TZURX		
N-MSA		4,500.00	1,000.00
Price Band 4		4,500.00	1,000.00
Price Band 5		4,500.00	1,000.00
Price Band 6		4,500.00	1,000.00
Per Subsequent Termination	TYHRX		
N-MSA		750.00	500.00
Price Band 4		750.00	500.00
Price Band 5		750.00	500.00
Price Band 6		750.00	500.00

Service availability limited. Refer to # footnote on Page 16-104. (N)

16. Packet Data Services (Cont'd)

16.7 Channel Extension Service# (Cont'd) (T)

16.7.6 Rates and Charges (Cont'd)

(B) **Dense Wave Division Multiplexing Backbone Architecture** (Cont'd)

(2) **Channel Mileage**

	USOC	Monthly Rate Fixed	Monthly Rate Per Mile
3 Year	1YAJS		
N-MSA		$20.00	$135.00
Price Band 4		20.00	135.00
Price Band 5		20.00	135.00
Price Band 6		20.00	135.00
5 Year	1YAKS		
N-MSA		15.00	100.00
Price Band 4		15.00	100.00
Price Band 5		15.00	100.00
Price Band 6		15.00	100.00

(3) **Redundant Path Switching**

	USOC	Monthly Rate	Nonrecurring Charge
3 Year			
Per Network	RP8E3		
N-MSA		600.00	N/A
Price Band 4		600.00	N/A
Price Band 5		600.00	N/A
Price Band 6		600.00	N/A
5 Year			
Per Network	RP8E5		
N-MSA		500.00	N/A
Price Band 4		500.00	N/A
Price Band 5		500.00	N/A
Price Band 6		500.00	N/A

Service availability limited. Refer to # footnote on Page 16-104. (N)

16. Packet Data Services (Cont'd)

16.8 Reserved for Future Use (T)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

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16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

(D)

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16. Packet Data Services (Cont'd)

(D)

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16. Packet Data Services (Cont'd)

(D)

(D)

16. Packet Data Services (Cont'd)

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(D)

16. Packet Data Services (Cont'd)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.9 Reserved for Future Use (T)

(D)

(D)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

(D)

(D)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.10 Reserved for Future Use (T)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

16. Packet Data Services (Cont'd)

(D)

(D)

16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

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(D)

16. Packet Data Services (Cont'd)

(D)

(D)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service#

This service is offered to customers in the State of New Jersey and in the New Jersey and New York Corridor, as described in Section 14.3.2 preceding.

(A) General

(1) Transparent LAN Service (TLS) is a high speed data service which provides Ethernet transport within a LATA and within the New Jersey and New York Corridor (Ethernet TLS) or allows interconnection of Ethernet TLS as described herein between LATAs (National TLS). Ethernet TLS is provided over a shared network and utilizes FDDI, ATM, Gigabit Ethernet or a combination, to transport the customers' data between customer locations within a LATA and within the New Jersey and New York Corridor. National TLS interconnects Ethernet TLS with an Interexchange Carrier or other Service Provider, allowing the customers' data to be transported to a different Ethernet TLS in a different LATA by use of National TLS Ethernet Virtual Circuits across the Telephone Company's Multi-Protocol Label Switching network ("National TLS Network").

Ethernet TLS is available in two service types: Ethernet Multipoint Service (EMS) and Ethernet Relay Service (ERS). EMS is a connection-less Ethernet TLS service that allows connectivity among multiple customer designated locations within a LATA. ERS is a connection-oriented Ethernet TLS service that allows point-to-point connectivity between customer designated locations within a LATA.

EMS and ERS are available in two interfaces: User to Network Interface (UNI) or Network to Network Interface (NNI). Ethernet Virtual Circuits (Ethernet TLS EVCs), which are available with the ERS service type only, are required to create point-to-point virtual connections. (x)

Effective March 30, 2007, orders for new TLS are no longer permitted. The Telephone Company will continue to provide TLS pursuant to this Section 16.11 on any existing Ethernet TLS or National TLS that is in-service as of March 30, 2007, or any order for Ethernet TLS or National TLS that is placed with the Telephone Company prior to March 29, 2007 (collectively, Existing Ethernet TLS or Existing National TLS, as applicable), subject to the following conditions:

a. The Telephone Company will continue to provide Existing Ethernet TLS to a term plan customer for an additional six (6) months beyond the expiration date of the customer's current commitment period, or until the customer replaces the Existing Ethernet TLS with a comparable Telephone Company provided service, or discontinues service, whichever comes first. Moves, additions, and/or changes are not permitted. (x)

b. The Telephone Company will continue to provide Existing Ethernet TLS purchased on a month-to-month basis until September 30, 2007, or until the customer replaces the Existing Ethernet TLS with a comparable Telephone Company provided service, or discontinues service, whichever comes first. Moves, additions, and/or changes are not permitted. (x)

c. The Telephone Company will continue to provide Existing National TLS to a term plan customer until the customer replaces the Existing National TLS with a comparable Telephone Company provided service, discontinues service, or until the service is withdrawn from the Tariff, whichever comes first. Moves, additions, and/or changes are not permitted. (x)

(x) Issued under authority of Special Permission No. 08-019 of the Federal Communications Commission to withdraw material pending under Transmittal No. 952 and to reinstate material currently in effect

(Issued under Transmittal No. 957)

16. Packet Data Services (Cont'd)
16.11 Transparent LAN Service# (Cont'd)
(A) General
(1) (Cont'd)

(a) The UNI Port With Access Line Connection consists of a dedicated fiber pair that provides a link from the customer's premises to one of the Telephone Company's TLS nodes/switches and the appropriate port interface connection. If the serving wire center of the customer is not a Telephone Company TLS node/switch, Interoffice Mileage applies from the serving wire center to the TLS node/switch.

(b) The NNI Port Only Connection provides a port Interface connection from an interexchange carrier's network or service provider's point of presence to one of the Telephone Company's TLS switches.

(c) The Ethernet TLS EVC provides an Ethernet point-to-point virtual connection between customer locations.

UNIs, NNIs and Ethernet TLS EVCs are further described in (B) following.

National TLS consists of two service components: National TLS Ethernet Virtual Circuit (National TLS EVC) and Telephone Company provided Internet Protocol Interface (IP Interface). National TLS EVCs and IP Interface are further described in (B)(2) following.

(2) Ethernet TLS creates a network with the ability to function as a shared public network. The customer must select either Ethernet Multipoint Service (EMS) or Ethernet Relay Service (ERS) as the service type for each domain.

With the EMS service type, Ethernet TLS protects data privacy by using closed user groups (CUGs), also known as virtual LANs. CUGs or virtual LANs are used to provide traffic separation, privacy and security between customers on the shared switch and backbone. When (D)
Ethernet TLS is used to access the National TLS Network, CUGs or virtual LANs are between a customer designated premises and the National TLS Network. Subscribers in a CUG can only access their own data. An EMS domain is comprised of the access lines designated by the customer to be included in a closed user group (CUG) or virtual LAN. EMS provides multipoint-to-multipoint connectivity among all of the customer's access lines within a given domain.

With the ERS service type, Ethernet TLS EVCs provide point-to-point virtual connectivity between two customer access lines, between a customer's access line and an NNI, between a customer's access line (D)
and a National TLS EVC. An ERS domain is comprised of the Ethernet TLS EVCs (one Ethernet TLS EVC = one virtual LAN) designated by the customer to be included in the ERS domain.
A customer may have more than one domain within a LATA, but connections between EMS domains or between domains of different service types are not permitted.

Service availability limited. Refer to # footnote on Page 5-136.

16. Packet Data Services (Cont'd)
16.11 Transparent LAN Service# (Cont'd)

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(x)

(B) Service Components
(1) Ethernet TLS

The major components of Ethernet TLS are:

(a) UNI Port With Access Line Connections are available in the following configurations:
(i) EMS – Standard UNI Port With Access Line Connection
(ii) ERS – Standard UNI Port With Access Line Connection
(iii) EMS – Real Time (RT) UNI Port With Access Line Connection
(iv) ERS - Premier UNI Port With Access Line Connection
(b) NNI Port Only Connection(s) are available in the following configuration:
(i) 1000 Mbps (1 Gbps) via a single port interface
(c) Ethernet Virtual Circuit (Ethernet TLS EVC)
(d) Interoffice Mileage
(e) Domain/Ethernet TLS EVC/LAN Extension Equipment Charges
(f) Optional Features

(a) UNI Port With Access Line Connection
(i) EMS – Standard UNI Port With Access Line Connection

EMS – Standard UNI Port With Access Line Connections, which are available at 10, 100 and 1000 Mbps, provide connectivity between the customer premises and the serving wire center. EMS – Standard UNI Port With Access Line Connections are only available where facilities and conditions permit. Connectivity can be established only between/among UNI/NNIs of the same service type.

(ii) ERS – Standard UNI Port With Access Line Connection

ERS – Standard UNI Port With Access Line Connections, which are available at 10, 100 and 1000 Mbps, provide connectivity between the Customer premises and the serving wire center. ERS – Standard UNI Port With Access Line Connections are only available where facilities and conditions permit. Connectivity can be established only between/among UNI/NNIs of the same service type. ERS – Standard UNI Port With Access Line Connection requires purchase of Standard ERS EVCs, as described in Section 16.11(B)(1)(f) following, in order to establish point-to-point connectivity among the Customer's access lines.

Service availability limited. Refer to # footnote on Page 5-136.
(x) Issued under authority of Special Permission No. 08-019 of the Federal Communications Commission to withdraw material pending under Transmittal No. 952 and to reinstate material currently in effect
(Issued under Transmittal No. 957)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(B) Service Components (Cont'd)

(1) Ethernet TLS (Cont'd)

(a) UNI Port With Access Line Connection (Cont'd)

(iii) EMS - Real Time (RT) UNI Port With Access Line Connection

EMS - RT UNI Port With Access Line Connections, which are available at 100 Mbps or 1,000 Mbps, provide connectivity between the Customer premises and the serving wire center. This enhanced service class configures a fixed portion of the UNI to be configured for Real Time Traffic, where each 100 Mbps UNI has a Committed Information Rate (CIR) equal to 2 Mbps and an Excess Information Rate (EIR) equal to 0 and where each 1,000 Mbps UNI has CIR equal to 10 MBPS and EIR equal to 0. The remainder of the UNI can be used for CIR = 0 with EIR = 0 traffic. Connectivity can be established between/among EMS service types (RT and Standard) but not between EMS and ERS service types.

(iv) ERS - Premier UNI Port With Access Line Connection

ERS - Premier UNI Port With Access Line Connections, which are available at 100 Mbps or 1,000 Mbps, provide connectivity between the Customer premises and the serving wire center. ERS – Premier UNI Port With Access Line Connection requires some combination of ERS-B, ERS-PD, and/or ERS-RT EVC service classes, as described in Section 16.11(B)(1)(f) following, in order to establish point-to-point connectivity among the Customer's access lines. A Customer cannot mix ERS-Premier UNI ports with any other UNI type.

All of the following requirements must be met in order to provision ERS – Premier UNI Port with Access Line Connections:

The percentage allocated for EVC bandwidth for ERS-B is less than or equal to 500% of UNI Speed; and

The percentage allocated for EVC bandwidth for ERS-PD is less than or equal to 100% of UNI Speed; and

The percentage allocated for EVC bandwidth for ERS-RT is less than or equal to 50% of UNI Speed; and

The percentage allocated for EVC bandwidth for ERS-PD and ERS-RT is less than or equal to 100% of UNI Speed; and

The percentage allocated for EVC bandwidth for ERS-B and ERS-PD and ERS-RT is less than or equal to 600% of UNI Speed.

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(B) Service Components (Cont'd)

(1) Ethernet TLS (Cont'd)

(a) UNI Port With Access Line Connection (Cont'd)

(iv) ERS - Premier UNI Port With Access Line Connection (Cont'd)

ERS - Premier UNI Port With Access Line Connection are offered at the following CLLIs.

State	CLLI
NJ	CMDNNJCE
NJ	ELZBNJEL
NJ	FRHDNJFH
NJ	FRLNNJFL
NJ	HCKNNJHK
NJ	IVTNNJES
NJ	JRCYNJJO
NJ	MDTWNJMD
NJ	NBWKNJNB
NJ	NWRKNJ02
NJ	PLFDNJPF
NJ	PSVLNJPL
NJ	RHWYNJRA
NJ	RMSYNJRM
NJ	TRENNJTE
NJ	WDBDNJWD
NJ	WOVLNJWO

(b) Network to Network Interface (NNI) Port Only Connection

The TLS NNI Port Only configuration is used for connecting two networks together for bidirectional messaging and is available on a private basis only. NNI Port Only Connections are available as either EMS or ERS. Connectivity can be established only between/among UNI/NNIs of the same service type.

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(B) Service Components (Cont'd)

(1) Ethernet TLS (Cont'd)

(c) Ethernet Virtual Circuit (Ethernet TLS EVC) (Cont'd)

The number of EVCs permitted on each ERS – Standard UNI Port With Access Line Connection and/or ERS Premier UNI Port With Access Line Connection is limited as follows:

10 Mbps	=	2 EVCs
100 Mbps	=	No more than 10 EVCs
1000 Mbps	=	No more than 75 EVCs

Ethernet TLS EVCs are available with the following classes of service:

ERS Standard – This service class is available with ERS – Standard UNI Port With Access Line Connections at 10, 100 and 1000 Mbps. ERS Standard is designed for Customer applications that do not require a Committed Information Rate (CIR) or low delay, where CIR equals 0 and Excess Information Rate (EIR) equals the number of Mbps of the selected ERS-Standard EVC service class.

ERS Basic (ERS-B): This service class is available with ERS – Premier UNI Port With Access Line Connections at various bandwidths between 1 Mbps and 1000 Mbps. ERS-B is designed for Customer applications that do not require a CIR or low delay, where the CIR equals 0 and EIR equals the number of Mbps of the selected ERS-B EVC service class.

ERS-Priority Data (ERS-PD): This service class is available with ERS – Premier UNI Port With Access Line Connections at various bandwidths between 1 Mbps and 500 Mbps. ERS-PD is designed for Customer applications which do not require low delay, but require a CIR, where the CIR equals the number of Mbps of the selected ERS-PD EVC service class and EIR equals the number of Mbps of the selected ERS-PD EVC service class.

ERS-Real Time (ERS-RT): This service class is available with ERS – Premier UNI Port With Access Line Connections at various bandwidths between 1 Mbps and 100 Mbps. ERS-RT is designed for Customer applications which require a CIR and low delay for some portion of their traffic, where CIR equals the number of Mbps of the selected ERS-RT EVC service class and EIR equals 0.

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(B) Service Components (Cont'd)

(1) Ethernet TLS (Cont'd)

(c) Ethernet Virtual Circuit (Ethernet TLS EVC) (Cont'd)

Each ERS EVC can include up to three service classes (ERS-B, ERS-PD and ERS-RT) as described preceding, subject to the threshold requirements specified in Section 16.11(B)(1)(a)(iv) preceding. The Customer will be required to identify the Basic, PD and RT Class of Service Ethernet frames by one of the following choices: setting the VLAN Class of Service (CoS) ID (for 802.1q tagged Ethernet Frames), or setting the DiffServ Code Point (DSCP) (for tagged or untagged Ethernet frames) or setting the VLAN ID (for tagged or untagged Ethernet frames), appropriately. The Telephone Company provides no performance guarantees or Credit Allowances due to performance levels defined in these Classes of Service.

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(B) Service Components (Cont'd)

(1) Ethernet TLS (Cont'd)

(d) Interoffice Mileage

If customer's normal serving wire center is not equipped with TLS equipment, customer may obtain service from a TLS equipped wire center by ordering interoffice mileage. Interoffice mileage charges will apply in addition to TLS UNI/NNI charges. The dB loss cannot exceed the maximum allowable range, as specified in (D)(2) following.

The Telephone Company has no obligation to notify the customer when TLS equipment is deployed in customer's normal serving wire center or in a serving wire center that is closer to the customer's normal serving wire center. Should the customer decide to initiate a move of its TLS facilities when service becomes available in its normal serving wire center or a closer serving wire center, the regulations set forth in (E)(11) following will apply.

(e) Domain/Ethernet TLS EVC/LAN Extension Equipment Changes

A domain change is the reassignment of the customer's computer data to different virtual LAN, at the customer's request. The change is accomplished via software changes in the Telephone Company's database.

An Ethernet TLS EVC change is any change in the bandwidth of an Ethernet TLS EVC.

LAN extension equipment changes, other than for maintenance or repair, involve the physical replacement of Telephone Company-provided network interface on an existing TLS access line, at the same location on the customer's premises.

Service availability limited. Refer to # footnote on Page 5-136. (N)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(B) Service Components (Cont'd)

(1) Ethernet TLS (Cont'd)

(f) Optional Features

1. Customer Service Management (CSM)

CSM is an optional feature that provides customers with web-based reports. The reports give the customer the ability to extract "read-only" network traffic information, enabling them to monitor and manage their network performance. Network traffic information is not available on any EVC mapped to an NNI. CSM is provided per customer domain.

CSM is available where conditions and facilities permit. CSM is not available with National TLS.

The Telephone Company reserves the right to temporarily interrupt CSM for maintenance, for software upgrades and in emergency situations.

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(B) Service Components (Cont'd)

(2) National TLS

National TLS consists of two service components: National TLS Ethernet Virtual Circuits (National TLS EVCs) and IP Interface.

(a) National TLS Ethernet Virtual Circuits (National TLS EVCs)

The National TLS EVC provides a point-to-point virtual connection from Ethernet TLS into the National TLS Network where it physically connects to an IP Interface on the Telephone Company's network. National TLS EVCs are available at 4, 6, 8, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 200, 300, 400, 500 and 600 Mbps and only where facilities and conditions permit.

The customer must utilize suitable Ethernet TLS access facilities to connect to the National TLS EVC on the National TLS Network.

The customer's selection for speed and/or service performance issues on the Ethernet TLS access facilities may impact the performance of National TLS. The associated regulations, rates and charges for Ethernet TLS apply for such access facilities.

(b) IP Interface

An IP Interface is an Internet Protocol service consisting of a port on a LATA Core Router that provides an interface to the Telephone Company's IP network. The IP Interface is available subject to technical specifications and operational feasibility, as determined by the Telephone Company. Technical specifications for an IP Interface are as set forth in Section 22.2.7 following.

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(B) Service Components (Cont'd)

(2) National TLS

(c) Availability

Subject to the availability of equipment and facilities, National TLS EVCs are offered in the following LATAs. To determine what points are within a specific LATA, refer to the Local Exchange Routing Guide (LERG).

LATA
222
224

Subject to general regulations contained in Section 2 preceding, National TLS will be provided seven days a week, 24 hours a day, with the exception specified in (D)(7) following.

Service availability limited. Refer to # footnote on Page 5-136. (N)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd)

(C) Technical Specifications

The technical specifications for Ethernet TLS are delineated in Technical References IEEE 802.3-2005/Cor2/D2.0-2007 and IEEE 802.1Q-2005/Cor1-2008. (C)(x) (C)(x)

(x) IEEE 802.3-2005/Cor2/D2.0-2007 replaces IEEE802.3-2002 in its entirety.
IEEE 802.1Q-2005/Cor1-2008 replaces IEEE802.1Q in its entirety.

Service availability limited. Refer to # footnote on Page 5-136.

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(B) Service Components (Cont'd)

(1) Ethernet TLS (Cont'd)

(b) Network to Network Interface (NNI) Port Only Connection (Cont'd)

NNI Port Only Connections are available at the speed of 1000 Mbps (1 Gbps) with a single port interface.

NNI Port Only Connections can only be accessed via:

(i) LAN Extension Service, subject to the regulations, rates and charges specified in Section 7 of this tariff. The channel speed of the LAN Extension Service channel must be sufficient to accommodate the NNI Port speed. The commitment period for the NNI Port Only Connection must be the same as the commitment period of the corresponding LAN Extension Service.

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(B) Service Components (Cont'd)

(1) Ethernet TLS (Cont'd)

(b) Network to Network Interface (NNI) Port Only Connection (Cont'd)

(ii) Collocated Interconnection Service (CIS), subject to the regulations, rates and charges for cross-connection to a physical or virtual CIS arrangement specified in Section 19 of this tariff. Customer must provide connecting facility assignment (CFA) to which NNI will be cross connected in such an arrangement. The connection between a CIS and TLS must occur within the same Telephone Company wire center, except when LAN Extension Service, Verizon Optical (T)
Networking, Telephone Company provided dedicated fiber (C)
transport with network interface device, or Telephone |
Company provided ethernet private line service are used to (C)
provide the transport between a CIS and a TLS NNI Port Only Connection that are not in the same wire center.

(iii) Verizon Optical Networking, subject to the regulations, rates and charges specified in Section 7 of this tariff. The channel speed of the Verizon Optical Networking service channel must be sufficient to accommodate the NNI Port speed. The commitment period for the NNI Port Only Connection must be the same as the commitment period of the corresponding Verizon Optical Networking service.

(iv) Telephone Company provided dedicated fiber transport with (N)
network interface device, where such access is technically |
and operationally feasible, as determined by the Telephone |
Company. |
|
(v) Telephone Company provided ethernet private line service, |
where such access is technically and operationally feasible, |
as determined by the Telephone Company. (N)

(c) Ethernet Virtual Circuit (Ethernet TLS EVC)

Ethernet TLS EVCs, which are available in various bandwidths, provide point-to-point virtual Ethernet connectivity between two UNIs, between a UNI and an NNI, between a UNI and a National TLS EVC, or between a UNI and an IP-VPN i-VC. Ethernet TLS EVCs are only available with ERS.

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(D) Terms and Conditions

(1) A typical Ethernet TLS network will be limited to central offices in a specific geographic location. Customers gain access to the shared Ethernet TLS network via TLS equipment deployed in the customer's serving wire center.

(2) Ethernet TLS provided with a UNI is available to customers whose serving wire center is equipped with TLS equipment and whose location is within the maximum allowable range of the serving central office. The maximum allowable range is determined by the dB loss rate so the actual distance between the TLS equipped serving central office and the customer's location may vary due to the facility used in each serving arrangement. The maximum dB loss cannot exceed 20dB @1310nm for 10 Mbps service, 26dB @1310nm for 100 Mbps service, 9.5dB @1330nm for 1000 Mbps, or 22dB @1550nm for 1000 Mbps.

(3) Ethernet TLS includes:

	When Provided With	
	UNI Interface	NNI Interface
Network Interface Device (NID) at Customer's Premises to terminate the fiber pair.	X	
Dedicated fiber pair from Customer's premises to the serving wire center.	X	
Network management including fault monitoring and diagnostics, performance and network configuration applications, and manual monitoring when necessary.	X	X
A dedicated port on the node/switch.	X	X
One or more Ethernet TLS EVCs (ERS service type only)	X	X
TLS interoffice mileage, where applicable*.	X	
Optional features, if applicable.	X	X

* TLS interoffice mileage will not apply for Ethernet TLS provided with an NNI Interface. However, when LAN Extension Service, Verizon Optical (T)
Networking, Telephone Company provided dedicated fiber transport with network (C)
interface device or Telephone Company provided ethernet private line service (C)
are used to access NNI as specified in 16.11(B)(1)(b) preceding, channel mileage under those services will apply.
Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(D) Terms and Conditions (Cont'd)

(4) Availability of Service

Subject to general regulations contained in Section 2 preceding, Ethernet TLS will be provided seven days a week, 24 hours a day, from wire centers equipped to provide this service with the exception specified in (D)(7) following. Ethernet TLS is available where facilities and conditions permit. Special construction charges may apply.

(5) Ethernet TLS Connections

(a) The network interface is the LAN interface on the TLS equipment at the customer's premises. The customer is responsible for any inside wire required in connecting the LAN to the TLS equipment.

(b) The customer is responsible for installation, operation, and maintenance of any customer-provided equipment.

(c) The Telephone Company has the service responsibility up to and including the network interface.

(6) Limitations

The customer's location must be within the maximum allowable range of the Ethernet TLS equipped wire center.

(7) Maintenance Window

To meet the Ethernet TLS customers' requirements, occasional network upgrades must be performed. These network upgrades are needed to provide improved performance and new features. Generally, these upgrades will be performed between the hours of 11 p.m. and 8 a.m. Network upgrades are planned to provide the customer with reasonable and timely notification in order to minimize any impact on the customer's service.

To meet the National TLS customers' requirements, the Telephone Company performs occasional network upgrades as needed to provide the service and enhancements to the service. Generally, these upgrades will be performed between the hours of 2:00 AM and 6:00 AM on Tuesdays and Thursdays. The Telephone Company cannot guarantee availability of EVCs during such periods that maintenance and network upgrades are being performed.

However, the Telephone Company reserves the right to perform maintenance at any time, at its discretion, when it believes such unscheduled maintenance is necessary to maintain network performance. The Telephone Company will make reasonable effort to provide notice to those customers likely to be affected by such maintenance work.

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(D) Terms and Conditions (Cont'd)

(8) Transmission Mode for Ethernet TLS

The transmission mode supported is dependent on the access rate. The supported transmission mode for 10 Mbps, 100 Mbps and 1000 Mbps access is full duplex.

(E) Application of Rates

The following rate elements are applicable to TLS:

Ethernet TLS
- UNI Port With Access Line Connection
  - EMS - Standard UNI Port With Access Line Connection
  - ERS - Standard UNI Port With Access Line Connection
  - EMS – Real Time UNI Port With Access Line Connection
  - ERS - Premier UNI Port With Access Line Connection
- NNI Port Only Connection
- Ethernet Virtual Circuit (Ethernet TLS EVC)
  - ERS EVC Setup
  - ERS EVC Standard
  - ERS EVC Bandwidth (Basic, Priority Data and Real Time)
- Interoffice Mileage
- Domain/Ethernet TLS EVC/LAN Extension Equipment Changes
- Optional Features
- Customer Service Management (CSM)

National TLS
- National TLS Ethernet Virtual Circuit (National TLS EVC)

- National TLS Administrative Change Charge
- National TLS EVC Expedite Charge

(1) UNI Port With Access Line Connection
A monthly rate applies on a per-line basis, based on the speed of the access connection (i.e., 10 Mbps, 100 Mbps, or 1000 Mbps). The UNI Port With Access Line Connection is offered on a month-to-month basis or as a 3 Year or 5 Year Term Plan. A nonrecurring charge applies to the installation of the UNI Port With Access Line Connection provided on a month-to-month basis.

(2) NNI Port Only Connection
A monthly rate applies on a per port connection basis. The NNI Port Only Connection is offered on a 3 Year or 5 Year Term Plan. A nonrecurring charge applies to the installation of the NNI Port Only Connection.

(3) Ethernet Virtual Circuit (Ethernet TLS EVC)
For Customers who order the ERS – Standard EVC, a monthly rate and a nonrecurring charge applies on a per ERS EVC – Standard (ERS EVC-Std) basis and varies by the bandwidth selected. The EVC bandwidth must be equal to the lower speed bandwidth of the two end points it is connecting.

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(E) Application of Rates (Cont'd)

(3) Ethernet Virtual Circuit (Ethernet TLS EVC) (Cont'd)

For Customers who order the ERS-B, ERS-PD, or ERS-RT EVC, a monthly rate applies, per Class of Service, on a per EVC basis, and varies by the bandwidth selected. A nonrecurring Setup Charge applies per ERS EVC. A Customer may have more than one Class of Service on the EVC, but only one EVC Setup Charge applies.

(4) Interoffice Mileage

The Interoffice Mileage charge is applied per line based on the Per-Mile charge multiplied by the distance between the customer's serving central office and the nearest TLS equipped central office. The mileage measurement is calculated using the V&H Coordinates method as specified by NATIONAL EXCHANGE CARRIER ASSOCATION TARIFF F.C.C. No. 4. This monthly charge applies in addition to the applicable rates and charges for the TLS Access Line.

(5) Domain/Ethernet TLS EVC/LAN Extension Equipment Changes

Customer requests for changes in domains, changes in bandwidth of Ethernet TLS EVCs or replacement of LAN extension equipment will be charged a nonrecurring charge per location per change.

(6) Optional Features

(a) Customer Service Management (CSM)

A monthly rate and a nonrecurring charge apply for each CSM arrangement. The customer will be charged on a per domain basis. The nonrecurring charge applies in addition to all other applicable service charges.

(7) National TLS Ethernet Virtual Circuit (National TLS EVC)

A monthly rate applies on a per National TLS EVC basis and is differentiated by the speed of the connection. The National TLS EVC is offered under 1 Year, 2 Year, or 3 Year Term Plans. A nonrecurring charge applies to the installation of a National TLS EVC provided under a 1 Year Term Plan.

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(E) Application of Rates (Cont'd)

(9) National TLS Administrative Change Charge

A nonrecurring National TLS Administrative Change Charge applies in the following circumstances:
- When a customer requests a later provisioning due date
- When a customer cancels an order which is already in progress
- When a customer upgrades service in accordance with (14)(c) following
- When a National TLS EVC is remapped at a Customer's request, except when such remapping is required as a result of the disconnection of an IP Interface.

One National TLS Administrative Change Charge shall apply per order.

(10) National TLS EVC Expedite Charge

The Telephone Company offers an expedite capability on National TLS EVCs but does not guarantee that every request will be accepted or expedited per the requested time. When requested by the customer, the National TLS EVC Expedite Charge will apply, on a per National TLS EVC basis, when the Telephone Company meets an interval shorter than the standard interval. The National TLS EVC Expedite Charge is in lieu of the Special Handling Charge set forth in Section 5.2.2(D) preceding.

(11) Minimum Period

The minimum period for Ethernet TLS under the month-to-month plan is nine months. The minimum period for National TLS is twelve months. The regulations applicable to TLS provided under a Term Payment Plan are specified in (13) following.

(12) Moves, Changes, and Upgrades

When Customer requests a move or relocation of the Ethernet TLS access line to a different address and/or different building, the move or relocation will be treated as a termination of the existing service and the establishment of a new service for the application of all charges.

When the Customer requests an upgrade in UNI/NNI speed (10 Mbps to 100 Mbps) or change in service type (EMS to ERS), at an existing address, the upgrade in UNI/NNI speed or change in service type will be treated as a termination of the existing service and the establishment of a new service for the application of all charges.

Early termination charges may be waived under the conditions specified in (14)(d) following.

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(E) Application of Rates (Cont'd)

(13) Term Payment Plan

The TLS UNI Port With Access Line Connection, NNI Port Only Connection and National TLS EVC are offered under the Term Payment Plans specified in (F) following.

(a) End of Term Options

1. Prior to the end of the term commitment period, the customer may select one of the following options, to be effective at the end of the term:

- Renew for the same commitment period;
- Commit to a new term period of shorter or longer duration;
- Arrange for a change of service; or
- Discontinue service

2. In the event the customer does not select one of the above options, the customer will be converted to the shortest-term period available under tariff (i.e., month-to-month, etc) for the same service, and will be subject to the applicable term commitment, if any, unless the customer terminates service within sixty (60) days of the conversion date.

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(E) Application of Rates (Cont'd)

(14) Termination Liability

(a) In the event the service is terminated by the customer prior to completion of the current term commitment period, the customer shall be liable for an early termination charge, except as noted in (b), (c) or (d) following.

1. Termination Liability for Ethernet TLS

Termination liability will be 25% of the monthly recurring charge(s) (MRC) for Ethernet TLS for the remainder of the term. For customers who entered into term plans prior to December 27, 2003, when there is a term plan less than the actual time the term plan has been in effect, the termination liability charge will be the lesser of:

- the difference between the discounted monthly rates resulting from the highest term plan commitment period that could be satisfied prior to the disconnection and the discounted monthly rates resulting from the term plan multiplied by the actual number of months the service has been in effect; or

- 25% of the monthly recurring charge(s) (MRC) for the remainder of the term. For example:

  25% X MRC X # of Lines/Channels/Paths X Remainder of Term = Termination Charge

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(E) Application of Rates (Cont'd)

(14) Termination Liability (Cont'd)

(a) (Cont'd)

2. Termination Liability for National TLS:

Termination liability applies to National TLS EVCs when National TLS is disconnected after the minimum period but prior to the expiration of the term plan.

Termination liability regulations applicable to National TLS EVCs are set forth as follows:

For disconnects prior to the expiration of a one-year term plan, termination liability is equal to the minimum period obligation, or 100% of the applicable MRCs for the unexpired portion of the plan.

For disconnects within the first twelve months of a two- or three- year term plan, the termination liability charge is equal to 100% of the applicable MRCs for the unexpired portion of the first twelve months and 50% of the applicable MRCs for the remainder of the plan.

For disconnects after the first twelve months of a two- or three-year term plan, the termination liability charge is equal to 50% of the applicable MRCs for the remainder of the plan.

(b) Early termination charges will apply only to those rate elements under a term commitment period. If any rates for the service are increased during the term period, exclusive of any increase due to local, state, or federal fees, taxes, or surcharges, the customer may terminate the service without incurring an early termination charge.

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(E) Application of Rates (Cont'd)

(14) Termination Liability (Cont'd)

(c) Early termination charges for Ethernet TLS will not be assessed under the following circumstances:

1. The customer moves its existing service either to a new location within the same address and/or same building (inside move) or to a new location (outside move) and maintains that service for the remainder of the term;

2. The customer attempts to move the existing service to a new location within the Company's service area, but the service is unavailable;

3. The customer converts a new term commitment plan for the same service before the current term commitment expires, and the dollar value of the new term commitment is equal to or greater than the remaining dollar value of the current term commitment; or

4. The customer changes to another service or upgrades service to a higher speed or capacity under a term commitment, provided the following conditions are met:

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(E) Application of Rates (Cont'd)

(14) Termination Liability (Cont'd)

(c) (Continued)

4. (Continued)

a. The dollar value of the new term commitment is equal to or greater than the remaining dollar value of the current term commitment,

b. Both the existing and new services are provided solely by the Company; and

c. The order to discontinue the existing service and the order for the new or upgraded service are received by the Company at the same time.

(d) Early termination charges for National TLS will not be assessed under the following circumstances:

1. The customer subscribes to a new term commitment for the same service before the term plan expires, and the aggregate amount of all MRCs included under the new term plan is equal to or greater than the aggregate amount of the MRCs remaining under the expiring term plan. A National TLS Administrative Change Charge will apply if there is no nonrecurring charge associated with the new term plan.

2. The customer upgrades National TLS EVC service components under a term plan to a higher speed provided that each of the following conditions are met. A National TLS Administrative Change Charge will apply if there is no nonrecurring charge associated with the new term plan.

- The aggregate amount of all MRCs included under the term plan for the upgraded service components is equal to or greater than the aggregate amount of the MRCs remaining for the existing service components;

- Both the existing and the upgraded service components are provided solely by the Telephone Company; and

- The order to discontinue the existing National TLS EVC service components and the order for the upgraded service components are received by the Telephone Company at the same time on the same order.

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(E) Application of Rates (Cont'd)

(14) Termination Liability (Cont'd)

(d) (Cont'd)

3. In the event the Telephone Company initiates a rate increase, exclusive of any increase due to local, state or federal fees, taxes or surcharges, and the total discounted monthly rates increase by 8% or more, the customer may cancel its term plan for the affected service without termination liability. The customer must exercise its option to cancel the term plan for the affected service within 30 days of the date of the effective rate increase. The Telephone Company will provide written notification to the customer before any rate increase is filed in the tariff, and said notification will apprise customer of its options.

Service availability limited. Refer to # footnote on Page 5-136. (N)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(F) Rates and Charges

	USOC	Nonrecurring Charge	Monthly Rate
(1) EMS or ERS – Standard UNI Port with Access Line Connection, per line			
(a) Month to Month Plan	LNHLX		
10 Mbps		$1,300.00	$1,200.00
100 Mbps		1,300.00	2,400.00
1000 Mbps		1,300.00	4,000.00
(b) Three Year Plan	LNHL3		
10 Mbps		N/A	1,000.00
100 Mbps		N/A	2,000.00
1000 Mbps		N/A	3,500.00
(c) Five Year Plan	LNHL5		
10 Mbps		N/A	900.00
100 Mbps		N/A	1,800.00
1000 Mbps		N/A	3,200.00
2. EMS - Real Time UNI Port With Access Line Connection, per line			
(a) Month to Month Plan			
100 Mbps	LNHLX	1,300.00	2,500.00
1000 Mbps	LNHLX	1,300.00	4,500.00
(b) Three Year Plan			
100 Mbps	LNHL3	N/A	2,100.00
1000 Mbps	LNHL3	N/A	4,000.00
(c) Five Year Plan			
100 Mbps	LNHL5	N/A	1,900.00
1000 Mbps	LNHL5	N/A	3,700.00

Service availability limited. Refer to # footnote on Page 5-136. (N)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(F) Rates and Charges (Cont'd)

	USOC	Nonrecurring Charge	Monthly Rate
3. ERS - Premier UNI Port With Access Line Connection, per line			
(a) Month to Month Plan			
100 Mbps	LNHLX	$1,300.00	$1,200.00
1000 Mbps	LNHLX	1,300.00	2,400.00
(b) Three Year Plan			
100 Mbps	LNHL3	N/A	1,000.00
1000 Mbps	LNHL3	N/A	2,000.00
(c) Five Year Plan			
100 Mbps	LNHL5	N/A	900.00
1000 Mbps	LNHL5	N/A	1,800.00
(4) NNI Port Only Connection, EMS or ERS, per port			
(a) Three Year Plan			
1000 Mbps	P9CB3	N/A	3,700.00
(b) Five Year Plan			
1000 Mbps	P9CB5	N/A	3,500.00
(c) NNI Port Only Installation, per port	NHCES	1,300.00	N/A
(5) Ethernet TLS EVC			
(a) ERS EVC Standard (ERS-Std), Per EVC			
10 Mbps	EVVFX	200.00	50.00
100 Mbps	EVVGX	200.00	100.00
1000 Mbps	EVVHX	200.00	200.00

Service availability limited. Refer to # footnote on Page 5-136. (N)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(F) Rates and Charges (Cont'd)

(5) Ethernet TLS EVC (Cont'd)

(b) ERS EVC Bandwidth, per Class of Service, per EVC

Basic (ERS-B) Class of Service

	USOC	Nonrecurring Charge	Monthly Rate
1 Mbps	EVV1X	N/A	$ 15.00
2 Mbps	EVV2X	N/A	30.00
3 Mbps	EVV3X	N/A	45.00
4 Mbps	EVV4X	N/A	60.00
5 Mbps	EVV5X	N/A	75.00
6 Mbps	EVV6X	N/A	90.00
7 Mbps	EVV7X	N/A	105.00
8 Mbps	EVV8X	N/A	120.00
9 Mbps	EVV9X	N/A	135.00
10 Mbps	EVZAA	N/A	150.00
20 Mbps	EVVJX	N/A	300.00
30 Mbps	EVVKX	N/A	450.00
40 Mbps	EVVLX	N/A	600.00
50 Mbps	EVVMX	N/A	750.00
60 Mbps	EVVNX	N/A	850.00
70 Mbps	EVVOX	N/A	950.00
80 Mbps	EVVPX	N/A	1,050.00
90 Mbps	EVVQX	N/A	1,150.00
100 Mbps	EVZBA	N/A	1,250.00
200.Mbps	EVVRX	N/A	1,350.00
300 Mbps	EVVSX	N/A	1,450.00
400 Mbps	EVVTX	N/A	1,550.00
500 Mbps	EVVUX	N/A	1,650.00
600 Mbps	EVVVX	N/A	1,740.00
700 Mbps	EVVWX	N/A	1,830.00
800 Mbps	EVVXX	N/A	1,920.00
900 Mbps	EVVYX	N/A	2,010.00
1000 Mbps	EVZCA	N/A	2,100.00

Service availability limited. Refer to # footnote on Page 5-136. (N)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(F) Rates and Charges (Cont'd)

(5) Ethernet TLS EVC (Cont'd)

(b) ERS EVC Bandwidth,
per Class of Service, per EVC (Continued)

Priority Data (ERS-PD) Class of Service

	USOC	Nonrecurring Charge	Monthly Rate
1 Mbps	EVV1P	N/A	$ 40.00
2 Mbps	EVV2P	N/A	80.00
3 Mbps	EVV3P	N/A	120.00
4 Mbps	EVV4P	N/A	160.00
5 Mbps	EVV5P	N/A	200.00
6 Mbps	EVV6P	N/A	220.00
7 Mbps	EVV7P	N/A	240.00
8 Mbps	EVV8P	N/A	260.00
9 Mbps	EVV9P	N/A	280.00
10 Mbps	EVVFP	N/A	300.00
20 Mbps	EVVJP	N/A	600.00
30 Mbps	EVVKP	N/A	900.00
40 Mbps	EVVLP	N/A	1,200.00
50 Mbps	EVVMP	N/A	1,500.00
60 Mbps	EVVNP	N/A	1,720.00
70 Mbps	EVVOP	N/A	1,940.00
80 Mbps	EVVPP	N/A	2,100.00
90 Mbps	EVVQP	N/A	2,300.00
100 Mbps	EVVGP	N/A	2,500.00
200 Mbps	EVVRP	N/A	2,700.00
300 Mbps	EVVSP	N/A	2,900.00
400 Mbps	EVVTP	N/A	3,100.00
500 Mbps	EVVUP	N/A	3,300.00

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(F) Rates and Charges (Cont'd)

(5) Ethernet TLS EVC (Cont'd)

(b) ERS EVC Bandwidth, per Class of Service, per EVC (Continued)

Real Time (ERS-RT) Class of Service

	USOC	Nonrecurring Charge	Monthly Rate
1 Mbps	EVV1R	N/A	$ 120.00
2 Mbps	EVV2R	N/A	240.00
3 Mbps	EVV3R	N/A	360.00
4 Mbps	EVV4R	N/A	480.00
5 Mbps	EVV5R	N/A	600.00
6 Mbps	EVV6R	N/A	660.00
7 Mbps	EVV7R	N/A	720.00
8 Mbps	EVV8R	N/A	780.00
9 Mbps	EVV9R	N/A	840.00
10 Mbps	EVVFR	N/A	900.00
20 Mbps	EVVJR	N/A	1,175.00
30 Mbps	EVVKR	N/A	1,450.00
40 Mbps	EVVLR	N/A	1,725.00
50 Mbps	EVVMR	N/A	2,000.00
60 Mbps	EVVNR	N/A	2,200.00
70 Mbps	EVVOR	N/A	2,400.00
80 Mbps	EVVPR	N/A	2,600.00
90 Mbps	EVVQR	N/A	2,800.00
100 Mbps	EVVGR	N/A	3,000.00

(c) ERS EVC Setup Charge for ERS Premier UNI Port With Access Line Connection or NNI Port Only Connection, per EVC

	NHCET	200.00	N/A

(6) Interoffice Mileage, per line

	1HOLS		
Per Mile		N/A	100.00

(7) Domain/Ethernet TLS EVC/ LAN Extension Equipment Changes

	NHCER	400.00	N/A

(8) Customer Service Management, per customer, Per Domain

	NM9WX	350.00	150.00

Service availability limited. Refer to # footnote on Page 5-136. (N)

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16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(F) Rates and Charges (Cont'd)

	Nonrecurring Charge	Monthly Rate
9. National TLS Ethernet Virtual Circuit (EVC), per EVC		
(a) One Year Plan		
4 Mbps	$200.00	$ 100.00
6 Mbps	200.00	145.00
8 Mbps	200.00	180.00
10 Mbps	200.00	210.00
20 Mbps	200.00	400.00
30 Mbps	200.00	590.00
40 Mbps	200.00	780.00
50 Mbps	200.00	970.00
60 Mbps	200.00	1,160.00
70 Mbps	200.00	1,330.00
80 Mbps	200.00	1,500.00
90 Mbps	200.00	1,660.00
100 Mbps	200.00	1,700.00
200 Mbps	200.00	3,300.00
300 Mbps	200.00	4,900.00
400 Mbps	200.00	6,400.00
500 Mbps	200.00	7,900.00
600 Mbps	200.00	9,300.00
(b) Two Year Plan		
4 Mbps	N/A	100.00
6 Mbps	N/A	145.00
8 Mbps	N/A	180.00
10 Mbps	N/A	210.00
20 Mbps	N/A	390.00
30 Mbps	N/A	570.00
40 Mbps	N/A	750.00
50 Mbps	N/A	920.00
60 Mbps	N/A	1,100.00
70 Mbps	N/A	1,250.00
80 Mbps	N/A	1,410.00
90 Mbps	N/A	1,575.00
100 Mbps	N/A	1,600.00
200 Mbps	N/A	3,200.00
300 Mbps	N/A	4,700.00
400 Mbps	N/A	6,300.00
500 Mbps	N/A	7,800.00
600 Mbps	N/A	9,000.00

Service availability limited. Refer to # footnote on Page 5-136. (N)

ACCESS SERVICE

16. Packet Data Services (Cont'd)

16.11 Transparent LAN Service# (Cont'd) (T)

(F) Rates and Charges (Cont'd)

	Nonrecurring Charge	Monthly Rate
9. National TLS Ethernet Virtual Circuit (EVC), per EVC (Cont'd)		
(c) Three Year Plan		
4 Mbps	N/A	$ 90.00
6 Mbps	N/A	125.00
8 Mbps	N/A	145.00
10 Mbps	N/A	165.00
20 Mbps	N/A	330.00
30 Mbps	N/A	495.00
40 Mbps	N/A	640.00
50 Mbps	N/A	800.00
60 Mbps	N/A	950.00
70 Mbps	N/A	1,095.00
80 Mbps	N/A	1,235.00
90 Mbps	N/A	1,380.00
100 Mbps	N/A	1,400.00
200 Mbps	N/A	2,700.00
300 Mbps	N/A	4,000.00
400 Mbps	N/A	5,300.00
500 Mbps	N/A	6,600.00
600 Mbps	N/A	7,800.00
10. National TLS Administrative Change Charge, per request	$200.00	N/A
11. National TLS EVC Expedite Charge, per EVC	250.00	N/A

Service availability limited. Refer to # footnote on Page 5-136. (N)

16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

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16. Packet Data Services (Cont'd)

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