

UNBUNDLED SERVICES

A. GENERAL

(C)

This section contains a schedule of rates and regulations applicable to the Unbundled Services.

1. Certain Withdrawn Network Elements

(a) In accordance with the Federal Communications Commission's Report and Order and Order on Remand and Further Notice of Proposed Rulemaking released on August 21, 2003 in CC Docket Nos. 01-338, 96-98, and 98-147 (the "Triennial Review Order"), and notwithstanding any other provision of this tariff, after April 15, 2005, the Telephone Company will no longer provision new orders for the following, whether alone or in combinations or platforms with other network elements, except as otherwise required under an effective interconnection agreement between the Telephone Company and the OTC:

- ISDN-PRI Local Switching Port
- ISDN-PRI Local Switching Port Features
- Local Switching (End Office) Trunk Ports for use with ISDN-PRI Local Switching Port
- Common (Shared) Transport for use with ISDN-PRI Local Switching Port
- UNE Primary Rate Interface ("PRI") ISDN Platform
- UNE Primary Rate Interface ("PRI") ISDN Foreign Exchange Platform
- Switched DS1 Local Switching Port
- Switched DS1 Local Switching Port Features
- Local Switching (End Office) Trunk Ports for use with Switched DS1 Local Switching Port
- Common (Shared) Transport for use with Switched DS1 Local Switching Port
- UNE DS1 DID/DOD/PBX Platform
- UNE DS1 DID/DOD/PBX Foreign Exchange Platform

Notwithstanding any other provision of this tariff, any of the following that is in service will be replaced with alternative arrangements after April 15, 2005, except as otherwise required under an effective interconnection agreement between the Telephone Company and the CLEC:

- ISDN-PRI Local Switching Port
- ISDN-PRI Local Switching Port Features
- Local Switching (End Office) Trunk Ports for use with ISDN-PRI Local Switching Port
- Common (Shared) Transport for use with ISDN-PRI Local Switching Port

ISSUED APRIL 15, 2005

EFFECTIVE APRIL 16, 2005

In compliance with the Order of the Pennsylvania Public Utility Commission entered April 14, 2005 in Docket Nos. R-00049524 and R-00049525.

UNBUNDLED SERVICES

A. GENERAL (Cont'd)

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1. Certain Withdrawn Network Elements (Cont'd)

- UNE Primary Rate Interface ("PRI") ISDN Platform
- UNE Primary Rate Interface ("PRI") ISDN Foreign Exchange Platform
- Switched DS1 Local Switching Port
- Switched DS1 Local Switching Port Features
- Local Switching (End Office) Trunk Ports for use with Switched DS1 Local Switching Port
- Common (Shared) Transport for use with Switched DS1 Local Switching Port
- UNE DS1 DID/DOD/PBX Platform
- UNE DS1 DID/DOD/PBX Foreign Exchange Platform

As used in this Section 3.A.1(a):

"ISDN (PRI) Local Switching Port" includes, but is not limited to, ISDN (PRI) Local Switching Port, ISDN-(PRI) Port, ISDN-PRI I Port and ISDN-PRI switch port.

"UNE Primary Rate Interface ("PRI") ISDN Platform" includes, but is not limited to, UNE Primary Rate Interface ("PRI") ISDN Platform and ISDN-PRI Platform.

"UNE Primary Rate Interface ("PRI") ISDN Foreign Exchange Platform" includes, but is not limited to, UNE Primary Rate Interface ("PRI") ISDN Foreign Exchange Platform and ISDN-PRI Foreign Exchange Platform.

"Switched DS1 Local Switching Port" includes, but is not limited to, Switched DS1 Local Switching Port and DS1 DID/DOD/PBX switch port.

"UNE DS1 DID/DOD/PBX Platform" includes, but is not limited to, UNE DS1 DID/DOD/PBX Platform and DS1 DID/DOD/PBX Platform.

"UNE DS1 DID/DOD/PBX Foreign Exchange Platform" includes, but is not limited to, UNE DS1 DID/DOD/PBX Foreign Exchange Platform and DS1 DID/DOD/PBX Foreign Exchange Platform.

2. Obligations of BA-PA

BA-PA is responsible to comply with the service requests it receives from the OTC and to provide Unbundled Services in accordance with this Tariff.

UNBUNDLED SERVICES

A. GENERAL (Cont'd)

(C)

3. Obligations of the Other Telephone Company (OTC)

The OTC is responsible to have a Letter of Authorization on file. The OTC is solely responsible to obtain authorization from the end user for the handling of the disconnection of the end user's service with BA-PA, the provision of service by the OTC and the provision of Unbundled Services. Should a dispute or discrepancy arise regarding the authority of an OTC to act on behalf of the end user, the OTC is responsible for providing written evidence of its authority to BA-PA.

If there is a conflict between an end user, and/or its agent, and the OTC that submitted the disconnection and provision of Unbundled Services, BA-PA will honor the selection made by the end user or its agent. If the end user's service has not been disconnected and Unbundled Services not yet been established, the OTC that submitted the order request will be responsible to pay the nonrecurring charge for Service Order as set forth in C. following. If the end user's service has been disconnected and the end user's service is to be restored with BA-PA, the OTC will be responsible to pay the applicable nonrecurring charges to restore the end user's prior service with BA-PA.

The OTC will be responsible to submit to BA-PA a disconnect order for Unbundled Services that are relinquished by the end user due to cessation of service or other reasons. The Unbundled Services facility will be returned to BA-PA when the disconnect order is complete.

If there is a conflict between an end user, and/or its agent, and the OTC that submitted the disconnection and provision of Unbundled Services, BA-PA will honor the selection made by the end user or its agent. If the end user's service has not been disconnected and Unbundled Services not yet been established, the OTC that submitted the order request will be responsible to pay the nonrecurring charge for Service Order as set forth in C. following. If the end user's service has been disconnected and the end user's service is to be restored with BA-PA, the OTC will be responsible to pay the applicable nonrecurring charges to restore the end user's prior service with BA-PA.

The OTC will be responsible to submit to BA-PA a disconnect order for Unbundled Services that are relinquished by the end user due to cessation of service or other reasons. The Unbundled Services facility will be returned to BA-PA when the disconnect order is complete.

UNBUNDLED SERVICES

A. GENERAL (Cont'd)

(C)

3. Obligations of the Other Telephone Company (OTC)

If the end user of Unbundled Services selects a different local exchange telecommunications provider, the new provider will be responsible to coordinate the disconnect and new connect orders of Unbundled Services with BA-PA.

The OTC ordering Unbundled Services is responsible for obtaining or providing facilities and equipment that are compatible with the service. The OTC will have responsibility for testing its portion of the equipment and its network facilities.

The OTC requesting Unbundled Loop Service will be responsible for providing battery and dial tone to its connection point by 6 A.M. on the day before the due date on the service order.

4. Liability of BA-PA

The liability of BA-PA does not extend to the OTC's customers or to any other third party. Liability of BA-PA to the OTC resulting from any and all causes shall not exceed an amount equal to the proportionate charge for the service or facility provided for the period during which the service was affected. No other liability whatsoever shall attach to BA-PA, except that BA-PA's liability, if any, for its willful misconduct is not limited by this tariff.

The OTC shall in its tariffs or other contracts for services with its customers provide that in no case shall BA-PA be liable to the OTC's customers or to any third party for any indirect, special or consequential damages, including but not limited to, economic loss, lost business profits, whether foreseeable or not, and regardless of notification by the OTC of the possibility of such damages. If the OTC fails to place such a provision in its tariffs and/or contracts, the OTC shall indemnify and hold BA-PA harmless from all claims based on any reason whatsoever from its customers. Nothing in this part shall be deemed to create a third party beneficiary relationship with the OTC customers.

BA-PA is not liable for incorrect referrals of end-users to an OTC for any ongoing OTC service, sales or repair inquiries, and with respect to such mistakes or incorrect referrals, the OTC shall hold harmless and indemnify BA-PA from any and all claims, demands, causes of action and liabilities whatsoever, including costs, expenses and reasonable attorney's fees incurred on account thereof, by third parties (including OTC employees).

UNBUNDLED SERVICES

A. GENERAL (Cont'd)

(C)

5. Installation, Maintenance and Testing

Facilities and lines furnished by BA-PA on the premises of an OTC's end user are the property of BA-PA and are provided upon the condition that such facilities and lines must be installed, relocated, rearranged and maintained by BA-PA and that BA-PA's employees and agents may enter said premises at any reasonable hour to test and inspect such facilities and lines in connection with such purposes or, upon termination or cancellation of the services, to remove such facilities and lines. The OTC bears responsibility for any and all consequences resulting from its failure to ensure that BA-PA has reasonable access to said premises.

The OTC ordering Unbundled Services will have responsibility for installation and maintenance of its portion of the equipment and its network facilities.

The OTC is responsible for coordinating with the BA-PA to ensure that services are installed in accordance with the service request.

Requests for UNE NID installation on a Unbundled Loop Service will require a BA-PA technician to make a field visit to the location and the OTC will incur the applicable charges for the visit. If NID placement is requested by the OTC, the OTC will be responsible for providing a location in the building and conducting all negotiations with the building owner for such space.

The OTC ordering Unbundled Services has the overall responsibility for the installation and maintenance of the service. The OTC is responsible for initiating, testing and sectionalizing (isolating) all end user trouble reports. When the trouble has been sectionalized to BA-PA provided Unbundled Services, BA-PA is responsible for testing, if necessary with the OTC, to clear a trouble. When BA-PA has been notified that the trouble is in the Unbundled Services and the trouble reported is found to be in the OTC provided facilities or in the facilities of the OTC's end user, a Maintenance Service Charge will be applied to the OTC.

The OTC is responsible for providing a contact number that is readily accessible 24 hours a day, 7 days a week. BA-PA's report time starts when BA-PA receives the trouble report from the OTC. Maintenance calls received from OTC end users will be referred to the OTC.

UNBUNDLED SERVICES

B. REGULATIONS

1. Descriptions/Terms and Conditions

a. Description of an Unbundled Loop Service

The Bell Atlantic technical references applicable to this section are (C)
TR-72565, TR-72570 and TR-72675.

a.1 Description of DS3 High-Capacity Loops

DS3 are digital high-capacity loops conditioned for 45 megabits per second terminated on the POT bay at the OTC's collocation presence in BA-PA's central office where the end user is served or terminated on BA-PA's central office terminating frame where the end user is served.

a.2 Terms and Conditions for DS3 High-Capacity Loops

DS3 High-Capacity Loops are: 1) available on a two-point basis, 2) furnished on a full-time basis, 3) provided on digital optical equipment and lightwave facilities selected by BA-PA and are provided only from serving wire centers equipped to furnish such service within a LATA, and 4) subject to the availability of suitable lightwave facilities between the serving wire center and the OTC's end user's premises.

Rates and Charges are set forth in Section 3.C.1a. These Rates and Charges include recurring and nonrecurring charges for DS3 High-Capacity Loops. Also included are rates and charges associated with the ordering and provisioning of DS3 High-Capacity Loops. The Service Order and Service Connection-Other Charges always apply. The Service Connection Central Office Wiring Charge applies when wiring is required in the central office. The Installation Dispatch Charge applies when a technician must be physically dispatched.

It is the responsibility of the OTC (or any other party of interest, such as: the applicant for service or the owner or operator of the premises or the builder) to provide in a manner satisfactory to BA-PA, and without cost to BA-PA: a means of entrance of the fiber optic cable into the building; space for mounting the necessary terminals and equipment; power necessary for the terminals and equipment and, where required, a means to reach each floor and each suite or office on each floor where the telephone service is desired. (C)

This loop is designed to provide an average performance of at least 98% error-free seconds transmission measured over a continuous 24-hour period at the BA-PA interface.

The OTC's end user's equipment must comply with the jitter mask for a DS3 signal in both transmit and receive directions, as specified in ANSI T1.102.

BA-PA undertakes to maintain and repair the facilities which it furnishes hereunder. The OTC or OTC's end user may not rearrange, disconnect, remove or attempt to repair any equipment installed by BA-PA without prior written consent of BA-PA.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

b.1 Descriptions of Digital Loops (2W ADSL, 4W HDSL, Digital Four-Wire (56 KD) Loops and Digital Designed Loops) (C)

"Asymmetrical Digital Subscriber Line" or "ADSL" designates a transmission technology on twisted pair copper loop plant, which transmits an asymmetrical digital signal of up to 6 Mbps to the OTC and up to 640 Kbps from the OTC using one of a variety of line codes as specified in ANSI standards T1.413-1995-007R2 and Bell Atlantic Technical Reference TR-72575, Issue 2.

"High-Bit Rate Digital Subscriber Line" or "HDSL" designates a transmission technology which transmits over twisted copper cable pairs up to a DS1-level signal, as specified in Bell Atlantic Technical Reference TR-72575, Issue 2, using any one of the following line codes: (i) Binary/1 Quaternary ("2B1Q"), (ii) Carrierless AM/PM, (iii) Discrete Multitone ("DMT"), or (iv) Binary/1 Octel ("3B0"). Only unloaded and non-repeated twisted cable pairs that do not exceed a technical length limitation can support HDSL capabilities.

The digital four-wire loop (56 kbps Digital - 56 KD) provides a four-wire transmission channel that is suitable for the transport of digital data at a synchronous rate of 56 kbps simultaneously in both directions. The digital four-wire loop (56 KD) physically consists of a subscriber loop facility that extends from the central office distribution frame (e.g., MDF) to the end user customer premises Network Interface Device. The digital four-wire loop (56 KD) is provided using four-wire non-loaded copper (2 pairs) with no intermediate electronics, or Universal Digital Loop Carrier with 56 KD dataport transport capability. The digital four-wire loop (56 KD) is provisioned in conformance with the technical specifications described in Bell Atlantic Technical Reference TR72575, Issue 3. (C)

"Digital Designed Loops" are modifications to the 2W Digital ADSL-compatible basic unbundled loop offerings. "Digital Designed Loops" are designed loops that meet unique requests for loops over 18k ft. and/or for conditioned ADSL-compatible unbundled loops.

b.2 Terms and Conditions for Digital Loops (2W ADSL, 4W HDSL, Digital Four-Wire (56 KD) Loops and Digital Designed Loops) (C)

The digital two-wire loop (ADSL Capable) provides a channel equivalent to a two-wire, non-loaded, twisted copper pair loop of less than 18,000 feet from an end user's premises to a point of interconnection at a collocation arrangement in BA-PA's central office. The digital two-wire loop suitable for the transport of ADSL is provisioned in conformance with the technical specifications as described in Bell Atlantic Technical Reference TR 72575, Issue 2. The digital two-wire loop (ADSL Capable) is available where facilities exist. BA-PA will not construct new copper facilities to provide these loops.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

a. Description of an Unbundled Loop Service (Cont'd)

b.2 Terms and Conditions for Digital Loops (2W ADSL, 4W HDSL, Digital Four-Wire (56 KD) Loops and Digital Designed Loops) (Cont'd)

The digital four-wire loop (HDSL Capable) provides a channel equivalent to two two-wire, non-loaded, twisted pair copper loops of less than 12,000 feet from an end user's premises to a point of interconnection at a collocation arrangement in Verizon PA's central office. The digital four-wire loop suitable for the transport of a HDSL 1.568 Mbps digital signal is provisioned in conformance with the technical specifications described in Verizon Technical Reference TR 72575, Issue 2. The digital four-wire loop (HDSL Capable) is available where facilities exist. Verizon PA will not construct new copper facilities to provide these loops. (C)

In compliance with the Order of the Pennsylvania Public Utility Commission of September 30, 1999 in Docket Nos. P-991648 and P-991649, Verizon will make available digital capable loops for the provision of advanced services other than ADSL and HDSL. Verizon will undertake to condition or extend loops. Verizon PA will make Digital Designed Loops available for this purpose. These loops will be available as designed loops of types listed below. Requests for additional types of conditioning will be handled on a Bona Fide Request basis. (C)

- (a) Two-wire Digital Designed Metallic Loop with total loop lengths of 18,000 to 30,000 feet with options to remove load coils and bridged tap;
- (b) Two-wire digital Capable Loop of 12,000 to 18,000 feet with an option to remove bridge tap; (C)
- (c) Two-wire digital Capable Loop of less than 12,000 feet with an option to remove bridge tap; and (C)
- (d) Four-wire digital Capable Loop of less than 12,000 feet with an option to remove bridge tap. (C)

Rates and Charges are set forth in Section 3.C.1. These Rates and Charges include recurring and nonrecurring charges for 2W ADSL loops, 4W HDSL loops, Digital Four-Wire (56 KD) Loops and Digital Designed Loops. Also included are rates and charges associated with the ordering and provisioning of these loops. The Service Order Processing and Installation Charges always apply. One Service Order Charge applies per order. Additional Cooperative Testing, Wideband Access Testing, Manual and Mechanized Loop Qualification and Engineering Query Charges may apply to ADSL Capable and HDSL Capable loops.

- Mechanized Loop Qualification Charge - applies to a loop which is pre-qualified using the mechanized loop qualification database. It applies on a recurring basis.
- Manual Loop Qualification Charge - applies to any loop which is pre-qualified using the manual process. It applies on a nonrecurring basis. Loop information provided for this charge includes total loop length (including bridge taps), presence of load coils (yes or no), presence of Digital Loop Carrier (yes or no) and qualification for ADSL/HDSL (yes or no).

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

a. Description of an Unbundled Loop Service (Cont'd)

b.1 Descriptions of Digital Loops (2W ADSL, 4W HDSL, Digital Four-Wire (56 KD) Loops and Digital Designed Loops) (Cont'd)

- The Engineering Query Charge applies when an OTC requests additional loop make-up information from Verizon PA records beyond that supplied by the Manual Qualification. Information such as amount and location of bridge taps, location of load coils, location of DLC, or cable gauge at specific locations, from Verizon PA cable records may be requested. The Engineering Query Charge will always apply when an OTC orders a Digital Designed Loop.
- The Engineering Work Order Charge is a nonrecurring charge which applies when an OTC orders a Digital Designed Loop. The charge covers the engineering costs associated with verifying facilities availability and writing the work order.
- Removals of Bridged Tap Charges are nonrecurring charges that apply when Verizon PA removes bridge taps at the request of the OTC. There is one charge for removal of a single bridge tap. There is a different charge if multiple bridge taps are removed. This charge will not apply when a loop of less than 18,000 feet has bridge taps above 6,000 feet removed so that the total bridge tap length does not exceed 6,000 feet.
- Removals of Load Coil Charges are nonrecurring charges that apply when Verizon PA removes load coils. The charge varies depending on the length of the loop. No charge applies for removal of load coils on loops of less than 18,000 feet.
- Wideband Test Access Charges apply on a monthly basis to line-shared loops requiring additional testing to identify load coils, bridged taps and spectrum interference. These charges are optional for CLECs. (C)
- Cooperative Testing charges are nonrecurring charges that apply when Verizon PA provides cooperative tests at the request of and with the CLEC.
- Addition of ISDN Electronics is a nonrecurring charge that applies when Verizon PA adds electronics to a Two-Wire Digital ISDN Loop so that it may provide service at copper lengths greater than 18,000 feet.
- Access to existing loop make-up data from the Telephone Company's LFACS database is also available. Rates and charges for obtaining such data will be determined in the future and will be subject to true-up.

Verizon PA reserves the right to terminate the OTC's loop if it creates interference or impairment with other Verizon PA facilities or services.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

d. Description of an Unbundled Switch Port

The Bell Atlantic technical references applicable to this section are (C)
TR-72580 and TR-72585.

d.1 Description of the Analog Line Port (Local Switching Port) (C)

The voice grade Analog POTS Port provides a 2-wire electrical interface to the local switch. The analog line port provides access to the functions and capabilities of the local switch, including line supervision, dial tone, ringing, digit reception and interpretation, a network address (the local directory number) billing recording, the ability to pre-subscribe to a primary carrier of interLATA toll services and, where available, intraLATA toll services and region-to-region calls.

Analog Line Port Features

There are two (2) types of Analog Line Ports: 1) Analog POTS Line Port with all service features (Type A), and 2) Analog POTS Line Port with all service features except for the following (Type B): 3-Way Calling, Custom Ringing, Calling Number Delivery Blocking and Centrex Intercom.

Classification of Analog Line Ports

For the purposes of applying nonrecurring charges, Analog Port orders will be divided into classes, as follows:

POTS Conversion. A "POTS Conversion" order is an order for the provision of an Analog Line port for business or residence POTS service from an existing Analog Line port being provided as of the time the OTC places the Analog Port order.

POTS New Line. A "POTS New Line" order is an order for the provision of a Line Port for business or residence POTS service, which is not a POTS Conversion order.

d.2 Terms and Conditions for the Analog Line Port (Local Switching Port) (C)

Any Analog Line Port provided by BA-PA pursuant to this section will be provisioned using the same network facilities, in the same configurations, as BA-PA uses to provision its own retail services, except to the extent that the OTC is using its own Operator Services/Directory Assistance (OS/DA) Platform.

An OTC purchasing a voice grade Analog Line Port from BA-PA will be entitled to bill Interexchange Carriers for Switched Carrier Access charges, as approved by the PUC or FCC, with respect to calls originated or terminated through such Switch Port.

An OTC purchasing an Analog Line Port is responsible for testing, trouble isolation and requesting dispatch of the correct BA-PA technician for repair, using the trouble reporting system provided by BA-PA.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

e. Description of Unbundled Transport

In accordance with the Federal Communication Commission's Report and Order and Order on Remand and Further Notice of Proposed Rulemaking released on August 21, 2003 in CC Docket Nos. 01-338, 96-98, and 98-147 (the "Triennial Review Order"), beginning on November 1, 2003 Verizon PA will no longer provision new orders for OC3, OC12, or STS-1 interoffice transport as unbundled network elements under the terms and conditions of this tariff, except as otherwise required under an effective interconnection agreement between Verizon PA and the OTC. (C)

Existing OC3, OC12 or STS1 interoffice transport facilities will be discontinued on November 1, 2003, except as otherwise required under an effective interconnection agreement between Verizon PA and the OTC.

Description of Unbundled Transport, Entrance Facilities -
See Pa. P.U.C. No. 302, Section 6.1.3.b.1.

Description of Unbundled Transport, Multiplexing -
See Pa. P.U.C. No. 302, Section 6.1.3.b.5.a.6.

Description of Unbundled Transport, Channel Termination -
See F.C.C. No. 1, Section 7.1.2.a.

- Synchronous Transport Signal - Level 1 (STS-1)

STS-1 provides a total bandwidth of 51.84 Mb/s, including both overhead and payload. The interface to an STS-1 is a metallic-based electrical interface. This interface must comply with Bellcore GR-253-CORE which defines SONET requirements.

- Optical Carrier Levels (SONET)

Optical Carrier (OC) levels provide a range of bandwidths as specified in Bellcore GR-253-CORE and associated ANSI standards. The Telephone Company will provide interfaces at the following OC levels:

OC Level	Rate (Mb/s)
OC-3	155.52
OC-12	622.08

The physical interface for all Optical Carrier rates is optical fiber. The characteristics of this interface are also specified in GR-253-CORE.

f. Description of Intellimux (Digital Cross-Connect System)

Intellimux Service allows a customer access to Bell Atlantic Digital Cross Connection (DCS) equipment so they can reconfigure their DS0 or DS1 circuits to meet immediate needs. See also Pa. P.U.C. No. 304, Section 3.14.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

g.1 Description of Network Interface Device (NID)

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A UNE Network Interface Device (NID) is an FCC Part 68 registered jack from which customer premises wiring (inside wire) may be disconnected from BA-PA's network. BA-PA will provide OTC access to customer premises wiring through an existing BA-PA NID connection. Where suitable facilities exist, BA-PA shall make available a direct connection to its existing NID. Where suitable facilities do not exist, BA-PA will provide NID access to an existing customer's premises wiring through a cross connect arrangement where technically feasible. When necessary, BA-PA will rearrange its facilities to provide access to an existing customer's premises wiring. The OTC is not permitted to remove or otherwise rearrange BA-PA facilities or equipment.

g.2 Terms and Conditions for Network Interface Device (NID)

- (a) NID Access is subject to the general rules and regulations specified herein.
- (b) Nonrecurring charges apply, as specified in Section C.8. following, when an UNE NID is ordered on a stand-alone basis. Recurring rates also apply.
- (c) The OTC must initiate a request for NID Access.
- (d) The OTC is responsible for coordinating with BA-PA to ensure that facilities are installed in accordance with the elements requested.
- (e) The OTC is solely responsible for investigating any trouble reported by its end user customer. The OTC is responsible for initiating, testing and sectionalizing (isolating) end user trouble reports. BA-PA is responsible for dispatching to clear a trouble when the trouble has been previously sectionalized to BA-PA's NID by the OTC.
- (f) A change from one OTC (A) to another OTC (B) will be considered a disconnect of the NID element from OTC (A) and a connect to OTC (B). A conversion from a NID element to full service will be considered a disconnect from an OTC and a connect to a Telephone Company end user.
- (g) Rates and charges apply as specified in Section 3.C.8 following.
- (h) A request must be initiated by the OTC for access to the NID. Installation appointments for quantities of 1-9 pair is per SMARTS. Installation appointments for greater than 9 pair will be provided on a negotiated interval.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

g.2 Terms and Conditions for Network Interface Device (NID) (Cont'd)

(C)

- (i) The OTC must initiate a request for NID access with the associated service order. A service order charge will apply.
- (j) The OTC is responsible for coordinating with BA-PA to ensure that facilities are installed in accordance with the elements requested.

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h. Description of AIN Service Creation (ASC)

AIN Service Creation (ASC) service allows an OTC access to Bell Atlantic's Advanced Intelligent Network (AIN) service creation, testing and deployment capabilities in order to offer AIN services of its own design to customers using BA's network. ASC service includes:

- service creation
- laboratory testing and certification
- network testing and certification
- service trial
- service deployment
- electronic service ordering
- service provisioning
- maintenance
- billing

OTCs will have the option of accessing Bell Atlantic's Platform in two ways:

- through the scheduled use of physical facilities on a BA-PA premise
- through the scheduled remote dial-in access via an ISDN line to a server port

AIN Service Creation is subject to requirements found in the AIN Service Creation User Guide (and appendices) and AIN Service Creation Access Port document.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

i.1. Description of an Expanded Extended Loop (EEL) Arrangement

Verizon PA will perform the necessary functions to combine Loop and Transport Unbundled Network Elements to provide Expanded Extended Loop ("EEL") arrangements. EELs may be provisioned from an end user's premises to a point of interconnection at a collocation arrangement in the Telephone Company's central office or from an end user's premises to OTC's premises as described in i.2 following. (C)

The Telephone Company will also provide unbundled transport between the concentration facilities included in the EEL arrangements and the OTC collocation arrangement or premises. (C)

Concentration may be utilized with certain types of EEL arrangements. Concentration, as it applies to EEL, has the ability to assign a greater number of 2-wire Analog or 2-wire Digital ISDN channels to be assigned to a DS1 than can be achieved with standard Unbundled DS1 to DS0 multiplexing. In this manner, an OTC utilizing GR-303 concentration technology can reduce the total number of DS1 facilities required between the concentrator and the OTC switch, and reduce the total number of terminations required at the OTC switch. The Telephone Company will provide all necessary concentration and multiplexing the to extent required by applicable law. (C)

The installation nonrecurring charges for EEL arrangements will equal the sum of the tariffed nonrecurring charges applicable to the individual unbundled network elements involved in the provisioning of EEL, less the charges for the work activities, if any, not required to be performed due to the nature of the specific combination requested.

Below are the combinations of loop and transport to be offered as an EEL arrangement:

- Voice grade and DS0 loops with DS0 transport without multiplexing
- Voice grade and DS0 loops with DS0 transport as part of a multiplexed arrangement
- Voice grade and DS0 loops with DS1 transport without concentration
- Voice grade and DS0 loops with DS1 transport with concentration
- Voice grade and DS0 loops with DS3 transport without concentration
- Voice grade and DS0 loops with DS3 transport with concentration
- DS1 loops with DS1 transport
- DS1 loops with DS3 transport
- DS3 loops with DS3 transport

i.2 Terms and Conditions for an Expanded Extended Loop (EEL) Arrangement

OTCs may obtain Unbundled Services subject to the availability of facilities in the requested Verizon PA wire center. (C)

- An EEL arrangement may not cross LATA boundaries.
- An EEL arrangement may not in any manner be connected to a Verizon PA switch. (C)
- EEL concentration arrangements may only be used for 2-Wire Analog Loops and/or 2-Wire Digital ISDN Loops.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

i.2 Terms and Conditions for an Expanded Extended Loop (EEL) Arrangement
(Cont'd)

- Verizon PA will permit and will work with OTCs to resolve administrative, operational and other issues to enable two or more OTCs to jointly purchase and/or utilize shared concentration equipment. To the extent concentration equipment that may be utilized simultaneously by more than one OTC is developed or deployed by Verizon PA, another ILEC, equipment manufacturers or other entities. Verizon PA will work with requesting OTCs to deploy such equipment in Verizon PA's central offices or other premises. Verizon PA shall not prohibit OTCs from jointly purchasing and/or utilizing shared concentration equipment. (C)
- The OTC, either on its own or together with one or more other OTCs, will be responsible for all installation and surveillance of the concentration facilities. The cabinet should be provided by the OTC per Verizon PA's specification. The amount of spare plug-ins/cards required will be based on the manufacturer's recommended amount, unless otherwise mutually agreed upon by Verizon PA and the OTC(s). (C)
- The EEL concentration equipment must conform to the technical standards set forth in GR-303-CORE "Integrated Digital Loop Carrier - Requirements Objectives and Interface" and comply with the Telecordia Network Equipment Building System ("NEBS") Generic Equipment Requirement (documented in GR-000063-CORE). It is the OTC's responsibility to demonstrate and provide to Verizon PA adequate documentation from an accredited source certifying compliance. (C)
- While Verizon PA develops DSO transport processes, DSO transport, in compliance with the Global Order, will be available on a project basis. (C)
- OTC usage of EELs must be consistent with Federal Law and any applicable FCC decisions. Currently, EEL arrangements must be used to provide significant local exchange traffic and associated exchange access service to a particular end user customer. At such time as the FCC revises or removes the requirement that EEL arrangements be used to provide significant local exchange traffic, Verizon PA will revise this tariff to incorporate any such revisions or removal of the restrictions set forth below. At this time, it is presumed that the OTC is providing a significant amount of local exchange service to a particular customer if it meets one of three circumstances: (C)
 - 1. The OTC certifies that it is the exclusive provider of an end user's local exchange service. The loop-transport combinations must terminate at the OTC's collocation arrangement in at least one Verizon PA central office. This option does not allow loop-transport combinations to be connected to Verizon PA's tariffed services. Under this option, the OTC is the end user's only local service provider. (C)
 - 2. The OTC certifies that it provides local exchange and exchange access service to the end user customer's premises (C)

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

i.2 Terms and Conditions for an Expanded Extended Loop (EEL) Arrangement
(Cont'd)

2. (Cont'd)

and handles at least one third of the end user customer's local traffic measured as a percent of total end user customer local dialtone lines; and for DS1 circuits and above, at least 50 percent of the activated channels on the loop portion of the loop-transport combination have at least 5 percent local voice traffic individually, and the entire loop facility has at least 10 percent local voice traffic. When a loop-transport combination includes multiplexing (e.g., DS1 multiplexed to DS3 level), each of the individual DS1 circuits must meet this criteria. The loop-transport combination must terminate at the OTC's collocation arrangement in at least one Verizon PA central office. This option does not allow loop-transport combinations to be connected to Verizon PA's tariffed services. (C)

3. The OTC certifies that at least 50 percent of the activated channels on a circuit are used to provide originating and terminating local dialtone service, and at least 50 percent of the traffic on each of these local dialtone channels is local voice traffic, and that the entire loop facility has at least 33 percent local voice traffic. When a loop-transport combination includes multiplexing (e.g., DS1 multiplexed to DS3 level), each of the individual DS1 circuits must meet this criteria. This option does not allow loop-transport combinations to be connected to Verizon PA's tariffed services. Under this option, collocation is not required. (C)

Verizon PA will convert special access circuits to EEL arrangements in accordance with, but only to the extent required by, applicable law and in accordance with, and subject to, the terms and conditions set forth in "Verizon Guidelines for Converting Special Access Services to Expanded Extended Loops" as amended, modified, or revised from time to time in accordance with requirements established by the Commission. Verizon PA will revise this tariff to incorporate any revisions in applicable law governing the conversion of special access circuits to EEL arrangements. (C)

The following installation, maintenance and testing regulations are specific to EEL arrangements:

- Concerning EEL arrangements without concentration, until procedures and technical arrangements are available that will permit testing and sectionalizing of reporting troubles, Verizon PA will test and sectionalize all OTC-reported troubles. Where capabilities exist, the OTC is responsible for testing and sectionalizing troubles on the EEL arrangement within the Verizon PA network. The trouble reporting procedure must conform to the established mechanized process. (C)

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

i.2 Terms and Conditions for an Expanded Extended Loop (EEL) Arrangement
(Cont'd)

The following installation, maintenance and testing regulations are specific to EEL arrangements: (Cont'd)

- OTCs are responsible for all surveillance and testing associated with EEL arrangements with concentration including each network element and the concentration equipment, including test unit plug-ins.
- When an OTC requests to change from one EEL arrangement to another, the change will be considered a disconnect and a new connect of service.
- The OTC will have assignment control of all multiplexers and transport and must specify a Connecting Facility Assignment (CFA) for each low-speed channel assignment that is connected to a transport facility, multiplexer, concentrator or loop. The OTC must maintain an inventory of its CFA assignments for maintenance purposes.
- The OTC is responsible for compatibility between the Concentration facilities and the remote OTC switch.
- There may be a distance limitation between the different components of the Concentration equipment provided by the OTC. As a result of this distance limitation, the OTC may be required to purchase additional common control equipment from its vendor to support the additional capacity requirements beyond the initial deployment.

i.3 Obligations of the OTC specific to EEL arrangements

- Prior to an initial request, the OTC must indicate that it is certified as a Local Exchange Carrier and has its own local exchange tariff.
- To facilitate adequate infrastructure planning to meet customer service requirements within standard intervals, OTCs are requested to provide BA-PA with a two-year detailed forecast of its volume requirements for all EEL arrangements. This forecast should include requirements for both new growth and volume change.
- The OTC will certify in writing for each request for EELs that the EEL arrangement is being used to provide a significant amount of local exchange service and associated exchange access service to a particular customer, as described in B.1.i.2. The OTC must specify under what local usage option it qualifies. (C) (C)

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

i.3 Obligations of the OTC specific to EEL arrangements (Cont'd)

- The OTC must provide written semi-annual certification that the use of EEL arrangement is consistent with the requirements set forth in B.1.i.2, and the certification must specify under what local usage option the OTC qualifies. (C)
- BA-PA has the right to audit at any time to confirm the OTC's compliance with the local usage requirements in B.1.i.2. BA-PA will hire and pay for an independent auditor to perform the audit, and the OTC will reimburse BA-PA if the audit uncovers noncompliance with the local usage options. BA-PA will provide at least 30 days' written notice to an OTC that has purchased a combination of unbundled loop and transport elements that it will conduct an audit. BA-PA will not conduct more than one audit of the OTC in any calendar year unless the audit finds noncompliance. If BA-PA determines that an audit is warranted, the OTC must provide information including, but not limited to, the following: all NPA-NXX and 4-digit telephone number suffixes associated with each EEL arrangement and associated usage data, as requested. (C)
- The OTC must submit an accurate, timely and complete order request via electronic interface.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

j.1 Description of Unbundled Network Element Platform (UNE-P)

An Unbundled Network Element Platform consists of a single specific loop and a single specific switch port, combined with each other. It contains, at a minimum, the loop, the switch port, switch usage, and transport elements. BA-PA will provide an Unbundled Network Element Platform (conversions or new connects) to OTCs subject to the terms, conditions, and limitations set forth in this Tariff. No collocation arrangement is required at the serving end office.

Platform and Feature Descriptions The unbundled loop and/or port is combined with shared transport, which offers routing to other BA central offices, tandems, IXC Points of Presence (POPs) and 911 hubs through shared interoffice facilities. Shared transport is set up via the CLEC Network Design Request (NDR) process. (C) (C)

Types of UNE Platforms Available

CLECS may choose the type of UNE Platform as follows:

- UNE Analog POTS Platform

The UNE voice grade POTS Platform is a combination, with no collocation arrangement required at the serving end office, of an unbundled 2-wire analog loop and an analog line port which provides unbundled local switching at the end office, subject to the limitations noted below. The unbundled local switching is combined with shared transport, which offers routing to other BA central offices, tandems, IXC Points of Presence (POPs), 911 hubs and BA Operator/DA tandems (optional) through shared interoffice facilities. (C) (C)

- UNE ISDN-BRI Platform

The UNE ISDN-BRI Platform is a combination, with no collocation arrangement required at the serving end office, of an unbundled 2-wire ISDN-BRI compatible loop and an ISDN-BRI line port which provides unbundled local switching at the end office, subject to the limitations noted below. The unbundled local switching is combined with shared transport, which offers routing to other BA central offices, tandems, IXC Points of Presence (POPs), 911 hubs and BA Operator/DA tandems (optional) through shared interoffice facilities. (C)

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

j.1 Description of Unbundled Network Element Platform (UNE-P) (Cont'd)

- UNE Analog Centrex Platform

The UNE voice grade Centrex Platform is a combination (no collocation arrangement required) of an unbundled 2-wire analog loop and an analog Centrex line port (unbundled local switching), subject to the limitations noted below. The unbundled local switching is combined with shared transport, which offers routing to other BA central offices, tandems, IXC Point of Presence (POPs), 911 hubs and BA Operator/DA tandems (optional) through shared interoffice facilities. Shared transport is provided via the CLEC Network Design Request (NDR) process if a CLEC chooses to route calls over BA facilities/networks. (C)

All Features available to UNE-Centrex Port Service are available when a Centrex platform Service is ordered.

- UNE ISDN-BRI Centrex Platform

The UNE ISDN-BRI/Centrex Platform is a combination (no collocation arrangement required) of an unbundled 2-wire digital loop and an ISDN-BRI/Centrex Line Port (unbundled local switching), subject to the limitations noted below. The unbundled local switching is combined with shared transport, which offers routing to other BA central offices, tandems, IXC Points of Presence (POPs), 911 hubs and BA Operator/DA tandems (optional) through shared interoffice facilities. Shared transport is provided via the CLEC Network Design Request (NDR) process if a CLEC chooses to route calls over BA facilities/networks. (C)

All Features available to UNE-Centrex Port Service are available when a Centrex platform Service is ordered.

- UNE Analog POTS Foreign Exchange Platform

The UNE voice grade analog POTS Foreign Exchange Platform is a combination, with no collocation arrangement required at the serving end office, of an unbundled 2-wire analog loop, an analog line port, and an Interoffice Facility (IOF) which provides unbundled local switching at the end office, subject to the limitations noted below. The unbundled local switching is combined with shared transport, which offers routing to other BA central offices, tandems, IXC Points of Presence (POPs), 911 hubs and BA Operator/DA tandems (optional) through shared interoffice facilities. (C)

Foreign Exchange Service (FX) is an exchange other than the end user's normal exchange and from a requested wire center different from the requested foreign exchange's normal serving wire center. Service is furnished with individual lines only (not provided with semi-public coin service). FX service cannot cross LATA boundaries. (C)

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

j.1 Description of Unbundled Network Element Platform (UNE-P) (Cont'd)

- UNE ISDN BRI Foreign Exchange Platform

The UNE voice grade ISDN BRI Foreign Exchange Platform is a combination, with no collocation arrangement required at the serving end office, of an unbundled 2-wire digital loop, an ISDN BRI line port, and an Interoffice Facility (IOF) which provides unbundled local switching at the end office, subject to the limitations noted below. The unbundled local switching is combined with shared transport, which offers routing to other BA central offices, tandems, IXC Points of Presence (POPs), 911 hubs and BA Operator/DA tandems (optional) through shared interoffice facilities. (C) (C)

Foreign Exchange Service (FX) is an exchange other than the end user's normal exchange and from a requested wire center different from the requested foreign exchange's normal serving wire center. Service is furnished with individual lines only (not provided with semi-public coin service). FX service cannot cross LATA boundaries.

- UNE DS1 DID/DOD/PBX Platform

The UNE DS1 DID/DOD/PBX Platform is a combination, with no collocation arrangement required at the serving end office, of an unbundled DS1 Loop and a DS1 DID/DOD/PBX switch port which provides unbundled local switching at the end office, subject to the limitations noted below. The unbundled local switching is combined with shared transport, which offers routing to other BA central offices, tandems, IXC Points of Presence (POPs), 911 hubs and BA Operator/DA tandems (optional) through shared interoffice facilities. (C) (C)

- UNE Primary Rate Interface ("PRI") ISDN Platform

The UNE Primary Rate Interface ("PRI") is a combination, with no collocation arrangement required at the serving end office, of an unbundled DS1 Loop and an ISDN-PRI switch port which provides unbundled local switching at the end office, subject to the limitations noted below. The unbundled local switching is combined with shared transport, which offers routing to other BA central offices, tandems, IXC Points of Presence (POPs), 911 hubs and BA Operator/DA tandems (optional) through shared interoffice facilities. (C) (C)

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

j.1 Description of Unbundled Network Element Platform (UNE-P) (Cont'd)

- UNE DS1 DID/DOD/PBX Foreign Exchange Platform

The UNE DS1 DID/DOD/PBX Foreign Exchange Platform is service furnished upon a customer request from an exchange other than the one normally serving the customer's premises. The UNE DS1 DID/DOD/PBX Foreign Exchange Platform is a combination, with no collocation arrangement required at either the local serving end office or the foreign serving end office, of an unbundled DS1 Loop and a DS1/DID/DOD/PBX switch port, and an Interoffice DS1 facility between the two central offices, subject to the limitations noted below. The unbundled local switching is combined with shared transport, which offers routing to other BA central office, tandems, IXC Points of Presence (POPs), 911 hubs and BA Operator/DA tandems (optional) through shared interoffice facilities. (C) (C)

- UNE Primary Rate Interface ("PRI") ISDN Foreign Exchange Platform

The UNE Primary Rate Interface ("PRI") Foreign Exchange Platform is service furnished upon a customer request from an exchange other than the one normally serving the customer request from an exchange other than the one normally serving the customer's premises. The UNE Primary Rate Interface ("PRI") Foreign Exchange Platform is a combination, with no collocation arrangement required at either the local serving end office or the foreign serving end office, of an unbundled DS1 Loop and an ISDN-PRI switch port, and an Interoffice DS1 facility between the two central offices, subject to the limitations noted below. The unbundled local switching is combined with shared transport, which offers routing to other BA central offices, tandems, IXC Points of Presence (POPs), 911 hubs and BA Operator/DA tandems (optional) through shared interoffice facilities. (C) (C)

- UNE Coin Platform

The UNE Coin Platform is a combination (no collocation arrangement required) of an unbundled 2-wire analog loop and a UNE Coin line port, subject to the limitations noted below. The unbundled local switching is combined with shared transport, which offers routing to other BA central offices, tandems, IXC Points of Presence (POPs), 911 hubs and BA Operator/DA tandems (optional) through shared interoffice facilities. Shared transport is provided via the CLEC establishment process, if a CLEC chooses to route calls over BA facilities/networks. (C)

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

j.1 Description of Unbundled Network Element Platform (UNE-P) (Cont'd)

Classification Platform

Platform orders will be divided into the following classes:

1. Conversion - The transfer of existing retail business or residence service of the Telephone Company to the already combined UNEs that comprise the underlying retail service.
2. New - The connection of a previously uncombined unbundled loop and port (to a specific business or residence end user customer) for the provision of local exchange and associated switched exchange access service.

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UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

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UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

k.1 Description of Unbundled Dark Fiber

Dark fiber provides a telecommunications carrier (TC) with two (2) unlit continuous fiber optic strands within an existing, in-place Telephone Company fiber optic cable sheath solely for use in the provision of telecommunications services.

The Telephone Company provides access to the following types of Dark Fiber:

Loop Dark Fiber

Loop Dark Fiber provides a TC with two (2) unlit continuous fiber optic strands within an existing, in-place Telephone Company fiber optic cable sheath between the TC's collocation arrangement in the Telephone Company's central office, and the end user's premises in the same serving wire center. All terms and conditions as described in Sections B.1.a and B.1.2 preceding will apply, except as set forth following.

Interoffice (IOF) Dark Fiber

IOF Dark Fiber provides a TC with two (2) unlit continuous fiber optic strands within an existing, in-place Telephone Company fiber optic cable sheath between TC collocation arrangements in Telephone Company central offices, or between a TC collocation arrangement in the Telephone Company central office and the TC's central office. The following terms and conditions will apply.

In accordance with the Federal Communication Commission's Report and Order on Remand and Further Notice of Proposed Rulemaking released on August 21, 2003 in CC Docket Nos. 01-338, 96-98, and 98-147 (the "Triennial Review Order"), beginning on November 1, 2003 Verizon PA will no longer provision new orders for IOF Dark Fiber between a TC collocation arrangement in a Telephone Company central office and the TCs central office (Dark Fiber Channel Termination) as an unbundled network element under the terms and conditions of this tariff except as otherwise required under an effective interconnection agreement between the Telephone Company and the TC. (C)

Existing Dark Fiber Channel Termination arrangements will be discontinued on November 1, 2003, except as otherwise required under an effective interconnection agreement between the Telephone Company and the TC.

A dark fiber UNE consists of two (2) fiber strands.

A strand is not considered continuous if splicing is required to provide fiber continuity between locations.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

k.1 Description of Unbundled Dark Fiber (Cont'd)

Dark fiber is only available where in-place, spare facilities exist. The Telephone Company will not construct new or additional facilities and will not introduce additional splice points to accommodate dark fiber requests.

Dark fiber is provided subject to the availability of facilities on a first-come first-served basis. Reservations for dark fiber are not accepted.

The Telephone Company reserves the right to petition for relief from its obligation to provide dark fiber if it believes that a TC request would strand an unreasonable amount of fiber capacity or would result in service disruption or degradation of service to other customers.

k.2 Terms and Conditions for Unbundled Dark Fiber

Ordering Conditions

Prior to ordering a dark fiber UNE, a TC must have the Telephone Company conduct a review of its existing cable records to determine whether spare Dark Fiber is available by submitting a Dark Fiber Inquiry Form.

Written inquiries for a dark fiber UNE must designate the two locations between which Dark Fiber is desired and the quantity of fiber pairs requested. Additional locations will require additional inquiries.

If the records indicate spare fiber exists, the Telephone Company will notify the TC and provide the estimated mileage. This does not constitute a reservation, and the Telephone Company does not guarantee that dark fiber will be available at the time the CLEC places an order.

The TC may proceed to place an order for a dark fiber UNE via an Access Service Request (ASR) any time following completion of the inquiry. The TC will be charged a Record Review Charge to perform the Dark Fiber Inquiry.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

k.2 Terms and Conditions for Unbundled Dark Fiber (Cont'd)

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(C)

Obligations of the TC

The TC is responsible for determining whether the transmission characteristics of the dark fiber provided by the Telephone Company will accommodate its requirements.

The TC is responsible for obtaining any governmental or private property permit, easement or other authorization or approval required for access to dark fiber on or before the date that the TC places an order for a dark fiber UNE.

Establishment of applicable fiber optic transmission equipment needed to power unbundled dark fiber in order to transmit information is the responsibility of the TC.

The TC assumes all risks associated with the unforeseen introduction of future splices on dark fiber.

The TC is responsible for establishing a demarcation point at a Customer location that shall be established either in the main telco room of a building where the Telephone Company is located or, if the building does not have a main telco room, then at a location to be determined by Verizon. The Telephone Company shall connect a Dark Fiber Loop to the TC demarcation point by installing a fiber jumper no greater than 30 feet in length. A TC demarcation point at a TC CO shall be established at a location that is no more than 30 feet from the Telephone Company's accessible terminal on which the Dark Fiber IOF terminates. The Telephone Company shall connect a Dark Fiber IOF to the TC demarcation point.

(C)

The TC is responsible for ensuring that appropriate cross connects and POT Bay terminations are in place prior to submitting an order for a dark fiber UNE.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

k.2 Terms and Conditions for Unbundled Dark Fiber (Cont'd)

Obligations of the Telephone Company

The Telephone Company does not guarantee or make any warranty with respect to the accuracy or completeness of its cable records.

Dark fiber, where available, conformed to those Telephone Company standard transmission characteristics in place at the time the fiber was installed.

The Telephone Company does not guarantee the transmission characteristics of dark fiber will remain constant over time.

The Telephone Company will not re-terminate or re-splice fibers in order to improve transmission characteristics.

Where a dark fiber UNE terminates in a location other than a Telephone Company wire center, the Telephone Company will install a fiber jumper no more than 30 feet from Verizon's accessible terminal on which the Dark Fiber terminates to the TC's fiber patch panel.

Where a dark fiber UNE terminates at a collocation arrangement, the Telephone Company will install a fiber jumper connecting the dark fiber UNE on the Telephone Company's accessible terminal such as a fiber distribution frame to the TC's POT bay.

Maintenance Spares

In order to maintain network survivability and reliability of the Telephone Company network, the Telephone Company reserves the right to designate up to five percent of fibers in a sheath with a minimum of two fibers in cables with twelve to twenty-four fibers and no more than twelve fibers in larger fiber cables as maintenance spares. These maintenance spares are not available for dark fiber.

If the Telephone Company denies a request for dark fiber and has reserved fibers in excess of these amounts for its own business needs, the Telephone Company shall inform the TC of its doing so, and the reasons therefore.

(C)

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

k.2 Terms and Conditions for Unbundled Dark Fiber (Cont'd)

Installation Intervals

The following intervals apply to requests for installation of unbundled dark fiber and information regarding the availability of dark fiber:

<u>Request</u>	<u>Interval</u>
Cable Records Review	15 business days for quantities up to 10, Negotiated Interval for quantities greater than 10 inquiries per LATA per week.
Dark Fiber ASR	30 business days for quantities up to 8, Negotiated Interval for quantities greater than 8.

Mileage Measurement

The mileage measurement to be used to calculate the per-mile monthly rates for IOF Dark Fiber is calculated on the airline distance between the two locations.

The Dark Fiber rates are shown in C. 13. following. To determine the mileage charges to be billed, first compute the mileage using the V&H coordinates method, as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF, F.C.C. No. 4. If the calculation results in a fraction of a mile the calculation is rounded up to the next whole mile. Then multiply the mileage by the appropriate per mile rate.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

k.2 Terms and Conditions for Unbundled Dark Fiber (Cont'd)

Application of Rates and ChargesMonthly Rates

The Dark Fiber IOF Mileage rate applies on a per mile basis, per fiber pair, when IOF dark fiber is between two Telephone Company offices as set forth in C. 13. following. A minimum of one mile applies.

The Dark Fiber Loop rates apply on a fixed basis, per fiber pair, as set forth in C. 13. following.

The Dark Fiber Channel Termination rate applies on a fixed basis, per fiber pair, when IOF dark fiber is between a Telephone Company office and a TC office within the same serving wire center as set forth in C. 13. following.

The Serving Wire Center Charge applies, per fiber pair, for each end originating or terminating at a Telephone Company office as set forth in C. 13. following.

Nonrecurring Charges

A Record Review Charge applies per Dark Fiber inquiry as set forth in C. 13. following.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

k.3 Regulations - For Dark Fiber Access At Accessible Terminal
Adjacent to Existing Splice Points

(C)

A. Description

The following Regulations are in compliance with The Pennsylvania Public Utility Commission's Order, entered June 3, 2002 in PUC Docket Nos. R-00005261 and R-00005261C0001 associated with providing telecommunications carrier (TC) access to Verizon Pennsylvania Inc. (the Telephone Company) Dark Fiber Unbundled Network Element (UNE) at existing splice points through the construction and use of an accessible terminal adjacent to the existing fiber splice point.

B. Terms and Conditions

- 1) The requesting TC must commit to a 3-year minimum lease of the dark fiber as a condition to the Telephone Company constructing a new accessible terminal adjacent to a splice point.
- 2) Only the Telephone Company technicians shall perform the work necessary to construct the new accessible terminal.
- 3) The Telephone Company will determine the adjacent accessible terminal location with an effort to place the adjacent accessible terminal as close as possible to the existing splice point as requested by the TC. The Telephone Company will determine the type, i.e., vendor and model, of the adjacent accessible terminal to be constructed.
- 4) The requesting TC(s) must compensate the Telephone Company for all costs and expenses associated with the construction of the new accessible terminal, based upon reasonable time and materials used.
- 5) TCs requesting access to "ribbon" fiber must order the fibers in ribbons of at least 12 strands. The TC may also access individual unspliced fibers at the splice point if the Telephone Company existing splice point contains individual fiber.

C. Obligations of The Telephone Company

- 1) The Telephone Company shall provide the TC with a written cost estimate to construct the new accessible terminal adjacent to the splice point.
- 2) The Telephone Company shall commence construction of the new adjacent accessible terminal providing access to the Dark Fiber at the splice point after receipt of written authorization from the TC accepting the price.

D. Obligations of the TC

- 1) The TC shall communicate in writing to the Telephone Company its request for access to Dark Fiber UNE at an existing splice point providing the Telephone Company with the originating and terminating points of the Dark Fiber span and the number of fiber pairs desired.

ISSUED JUNE 24, 2002

EFFECTIVE JULY 24, 2002

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

1.1 Descriptions of a Unbundled Feeder Sub-loop Element (UFSE)

An Unbundled Feeder Sub-loop Element provides a dedicated two-point transmission path over a feeder facility in the Telephone Company's network between a Telephone Company end office and a CRTEE or a TOPIC arrangement. (C) (C)

An Unbundled Feeder Sub-loop Element provides a two-point digital channel which provides for simultaneous two-way transmission of serial digital signals at the transmission speed of 56 Kbps (DS0); or for simultaneous two-way transmission of serial, bipolar, return-to-zero, isochronous digital signals at a transmission speed of 1.544 Mbps (DS1); or for simultaneous two way transmission of serial, bipolar, return-to-zero, isochronous digital electrical signals at a transmission rate of 44.736 Mbps + 20 ppm (DS3).

An Unbundled Feeder Sub-Loop Element provisioned as either 2-wire or 4-wire provides either a voice grade or digital grade transmission path that extends from the MDF located in the Telephone Company central office to a Telephone Company feeder distribution interface (FDI). When used by a CLEC to provision voice grade services, copper feeder will be provisioned "as is" and may contain load coils, bridge tap, etc. When used by a CLEC to provision digital grade services, copper feeder may be conditioned, upon CLEC request, to remove load coils and unnecessary bridge tap. (C)

An Unbundled Feeder Sub-loop Element conditioned for 56 Kbps is called a DS0 Unbundled Feeder Sub-loop Element when it is terminated at the CLEC's collocation presence in the Telephone Company central office where the end user is served. DS0 UNE feeder can be provided on copper where such facilities exist or on fiber where such facilities exist.

An Unbundled Feeder Sub-loop Element conditioned for 1.544 Mbps is called a DS1 Unbundled Feeder Sub-loop Element when it is terminated at the CLEC's collocation presence in the Telephone Company central office where the end user is served. DS1 UNE feeder can be provided on copper where such facilities exist or on fiber where such facilities exist.

An Unbundled Feeder Sub-loop Element conditioned for 44.736 Mbps is called a DS3 Unbundled Feeder Sub-loop Element when it is terminated at the CLEC's collocation presence in the Telephone Company central office where the end user is served.

For DS3 Unbundled Feeder Sub-loop Elements, the CLEC's end user's equipment must comply with the jitter mask for a DS3 signal in both transmit and receive directions as specified in ANSI T1. 102.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

1.2 Terms and conditions for Unbundled Feeder Sub-loop Elements

Access to Unbundled Feeder Sub-loop Elements is only available where in-place, spare facilities exist. The Telephone Company is not obligated to construct new or additional facilities, or to open an existing splice case to reach the wire or fiber within in order to accommodate requests for access to Unbundled Feeder Sub-loop Elements.

Unbundled Feeder Sub-loop Elements which are furnished on a full time basis are available on a two-point basis.

For 2-wire, 4-wire, DS0 and DS1 Unbundled Feeder Sub-loop Elements, nonrecurring charges and deaveraged monthly rates apply per link, specified in C. following. (C)

For DS3 Unbundled Feeder Sub-loop Elements, non-recurring charges and monthly rates apply on a fixed basis per link. (C)

Collocation cross-connection charge elements contained in Pa. P.U.C. No. 218, and this Section also apply, once at the remote terminal end of the USFE and once at the central office end of the USFE.

CRTEE rates and charges contained in Pa. P.U.C. No. 218, Section 2 also apply.

m.1 Description of Unbundled Sub-Loop Arrangement (USLA)

USLA provides a CLEC with access to the Telephone Company's metallic distribution pairs/facilities at the Telephone Company Feeder Distribution Interface (FDI). USLA provides a 2-wire or 4-wire transmission channel between the CLEC Outside Plant Interconnection Cabinet (TOPIC) and the rate demarcation point at the end user location.

USLA may be used by the CLEC to provide service to an end user's location. The service can entail either conversion of service to an end user's location reusing an existing working sub-loop or the establishment of original service using an existing spare sub-loop. Distribution pairs currently in place to serve Telephone Company retail service can be converted to USLA.

Power is not provided with USLA.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

(C)

m.2 Terms and Conditions for Unbundled Sub-Loop Arrangement (USLA)

Prior to ordering USLA sub-loops, the CLEC must request TOPIC interconnection cabinet through its Telephone Company point of contact. The TOPIC will be purchased based on rates, terms, and conditions in tariff Pa. P.U.C.-No. 218.

The CLEC may request an Engineering Query from the Telephone Company to obtain loop information as described in B.1.b.1. preceding.

The application for the interconnection cabinet must include the existing Telephone Company FDI locations where the CLEC desires USLA, detailed initial requirements and a forecast detailing anticipated growth in demand of the number of sub-loops to be requested at each location.

The application will also include any optional requests for FDI Serving Address Inquiry, Central Office Remote Terminal (CORT) or Preliminary Engineering Records Review.

FDI Serving Address Inquiry – Identifies the range of customer addresses served by an FDI location.

Upon request, Verizon will provide a CORT report for a central office identified to Verizon by a requesting CLEC. In response to the request, Verizon will conduct a search of its records and return a list of the remote terminals subtending the central office, the addresses of each remote terminal, the remote terminal CLLI code, the addresses of the end user locations subtending each remote terminal, the number of terminating lines fed by the remote terminal, and the type of feeder cable (copper/fiber) of each remote terminal. A non-recurring charge will be assessed for processing each request.

Preliminary Engineering Records Review – Provides information about an FDI location from Telephone Company records as to the type of enclosure and the number of distribution pairs that terminate at the FDI.

If review is specified on an application, the CLEC will be notified of the results of these inquiries before the Telephone Company processes the rest of the application. The CLEC will be given the option of canceling the application based on the results of these inquiries.

Upon receipt of a completed application, the application fee and any applicable inquiry and review fees, the Telephone Company will proceed with the site survey, design the required work order and prepare a cost estimate for completion of the required work. The Telephone Company will provide the CLEC with the work order and cost estimate for the Telephone Company effort necessary to support interconnection with the TOPIC within 45 business days after receipt of the application.

If the CLEC elects to proceed with TOPIC interconnection, the CLEC will have 45 business days from receipt of the work order and cost estimate to pay 50% of the estimated cost to initiate the Telephone Company implementation effort. The remaining 50% will be billed by the Telephone Company upon completion of the work.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

(C)

m.2 Terms and Conditions for Unbundled Sub-Loop Arrangement (Cont'd)

Upon completion of TOPIC interconnection, the CLEC may request USLA sub-loops. The CLEC will request the cross connection of Telephone Company sub-loops from the Telephone Company. The installation of sub-loops may occur as part of a conversion from Telephone Company retail service or may occur as part of the installation of new service to an end user.

The CLEC will report the intended use of the sub-loop (i.e., voice, ADSL, 2-wire HDSL or 4-wire HDSL) and request any conditioning (i.e., removal of bridge tap or load coils) at the time of the sub-loop distribution order.

m.3 Responsibility of the CLEC

The CLEC is responsible for obtaining any rights of way necessary to implement the provisions of this tariff. The CLEC is responsible for any fines, penalties and expenses for zoning, environmental, safety, sanitation, property infringement, noise, quality of life or property violations or law suits associated with the TOPIC, its supporting structure and associated power and any additional tax assessment levied on the Telephone Company as a result of the supporting structure.

The CLEC must provide and install the TOPIC within 100 feet of the FDI on an easement or right of way obtained by the CLEC. The TOPIC will comply with industry standards and house the interconnection point between the Telephone Company and CLEC networks.

The CLEC must provide any trenching or other supporting structure for the portion of the cable that runs beyond the Telephone Company easement at the FDI.

The CLEC, at its option, may share the TOPIC with other CLECs.

The CLEC will request the cross connection of Telephone Company sub-loops from the Telephone Company. Installation of sub-loops may occur as part of a conversion from Telephone Company retail service or as part of the installation of new service to an end user.

Cross wires within the TOPIC will be run by the CLEC. The CLEC will have assignment responsibilities for the pairs in the interconnecting cable.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

(C)

m.4 Responsibility of the Telephone Company

The Telephone Company will furnish and place an interconnecting cable between the Telephone Company FDI and the TOPIC and install the termination block within the TOPIC.

The Telephone Company will work cooperatively with the CLEC to provide any supporting structure on the Telephone Company right of way or easement.

The Telephone Company's service responsibility ends at the interface point in the TOPIC.

n.1 Description of Unbundled Drop Sub-loop Element (UDSE)

Unbundled Drop Sub-Loop Element (UDSE) provides a CLEC access to Verizon's copper drop pairs/facilities at the Verizon Drop Terminal. UDSE provides either a 2-wire or 4-wire transmission channel between the CLEC Drop Telecommunications Outside Plant Interconnection Cabinet (TOPIC) located adjacent to a Verizon pedestal/terminal and the Network Interface Device (NID) or Rate Demarcation Point at the End User premise, where facilities are currently available. Access at Verizon splice cases are not supported. All power requirements are the responsibility of the CLEC. Verizon will not provide power in conjunction with UDSE. Line regeneration is not available with UDSE. Access to optical facilities is not supported with UDSE.

For labor, security, and capacity reasons, access by CLEC personnel to the Verizon terminal is not supported. Under the recommended service architecture, Verizon will furnish and place an interconnect cable between the Verizon terminal and the Drop TOPIC and install the termination block within the Drop TOPIC. The CLEC must provide any trenching or other supporting structure for the portion of the cable that runs beyond the Verizon easement. The CLEC will install the Drop TOPIC within 100 feet of the Verizon terminal/pedestal. The CLEC may, at its discretion, share the Drop TOPIC with other CLECs. Verizon's service responsibility will end at the Interface Point in the Drop TOPIC.

n.2 Terms and Conditions for Unbundled Drop Sub-loop Element

Under the first stage, the CLEC arranges for Verizon to place the interconnect cable from the Verizon terminal to the Drop TOPIC. The CLEC will pay an application fee and submit an application for each terminal location at which the CLEC is interested in access to Verizon's drop/entrance cable. This application will include detailed initial requirements and a forecast projecting the CLEC's anticipated growth in demand for the number of drop pairs to be requested at each location. Once the application is submitted, Verizon will proceed with the survey, design the required work order and prepare a cost estimate

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

(C)

n.2 Terms and Conditions for Unbundled Drop Sub-loop Element (Cont'd)

for completion of the required work. The CLEC will be provided with the design and construction estimate. If the CLEC elects to proceed, the CLEC will place a deposit of 50% of the estimated cost (minus the Application Fee associated with the pedestal specific request). At this point the design would be completed and forwarded to construction for implementation. Once the Verizon work order is completed the CLEC will be invoiced the remainder of the accepted costs quote. Stage two of the UDSE process will not commence until all costs due are received by Verizon from the requesting CLEC for the work rendered.

The CLEC is responsible for securing any right of way authorization, required from the local municipalities, necessary for the placement of the Drop TOPIC. Additionally, the CLEC is also responsible for any fines, penalties and expenses for zoning, environmental safety, sanitation, property infringement, noise, quality of life or property violations or law suites associated with the Drop TOPIC, it's supporting structure and associated power and any additional tax assessment levied on the CLEC as a result of the supporting structure.

Under the second stage of UDSE provisioning, the CLEC requests the cross connection of Verizon's drop/entrance cable facilities from the CLEC end user to the CLEC facilities at the Drop TOPIC. The CLEC will report the intended use of the drop/entrance cable at the time of ordering.

The CLEC will be responsible for running the cross-wires within the Drop TOPIC. The CLEC will also have assignment responsibility for the pairs in the interconnect cable. The interconnect cable will be inventoried by Verizon.

Upon disconnect of the drop/entrance cable, Verizon will not attempt to restore the full loop absent a customer order requesting that this be done.

For new service installation, the CLEC will pre-position its service to appear on the CLEC side of the Verizon pedestal some time before the due date. On the due date, the Verizon technician will run the appropriate cross-connections at the Verizon FDI and will do any necessary work at the terminal or drop.

UNBUNDLED SERVICES

B. REGULATIONS (Cont'd)

1. Descriptions/Terms and Conditions (Cont'd)

(C)

n.2 Terms and Conditions for Unbundled Drop Sub-loop Element (Cont'd)

Verizon will conduct repair and maintenance at the request of the CLEC. False dispatch charges will apply where a repair request is submitted and it is determined that the problem is not in the Verizon network.

CLEC's will be allowed to provision DSL services via UDSE to the extent that the use of these technologies complies with all Verizon standards and does not impair service to other subscribers within Verizon's outside plant facilities. Any standards associated with interference and non-conformance will be developed through national standards organization such as T1E1 as spectrum management issues are identified.

UNBUNDLED SERVICES

C. RATES

1. Unbundled Loop

(NOTE: Installation charges not applicable if existing loop and port UNES are ordered together.)

	Rate	
	<u>Recurring</u>	<u>Nonrecurring</u>
a. <u>POTS (Analog 2-Wire)</u>		
Service Order Processing Charge.....		\$ 0.00 (D)
Installation Charge, no premises visit (initial and each additional loop).....		1.44
Installation Charge, premises visit required... (initial loop).....		1.44
Installation Charge, premises visit required (each additional loop).....		1.44
Disconnect, per loop.....		1.30
Density Cell, per loop, per month		
Cell 1.....	\$ 6.77 (D)	
Cell 2.....	9.25	
Cell 3.....	12.39	
Cell 4.....	22.39 (I)	
b. <u>Off Premises Extension</u>		(C)
Service Order Processing Charge.....		0.00 (D)
Installation Charge, no premises visit (initial and each additional loop).....		1.44
Installation Charge, premises visit required... (initial loop).....		1.44
Installation Charge, premises visit required (each additional loop).....		1.44
Disconnect, per loop.....		1.30
Density Cell, per loop, per month		
Cell 1.....	6.77 (D)	
Cell 2.....	9.25	
Cell 3.....	12.39	
Cell 4	22.39 (I)	

UNBUNDLED SERVICES

C. RATES (Cont'd)

1. Unbundled Loop (Cont'd)

	Rate	
	<u>Recurring</u>	<u>Nonrecurring</u>
c. <u>Customer-Specified Signaling (2-Wire)</u>		
Service Order Processing Charge.....		\$ 0.00 (D)
Installation Charge, no premises visit (initial and each additional loop).....		1.44
Installation Charge, premises visit required (initial loop).....		1.44
Installation Charge, premises visit required (each additional loop).....		1.44
Disconnect, per loop.....		1.30
Coordinated Cutover, per order, no premises visit.....		1.49
Coordinated Cutover, per order, premises visit.		1.49
CSS Design, per order.....		0.00
Density Cell, per loop, per month		
Cell 1.....	\$ 13.54 (I)	
Cell 2.....	16.26	
Cell 3.....	19.36	
Cell 4.....	28.11	
d. <u>Customer-Specified Signaling (4-Wire)</u>		
Service Order Processing Charge.....		0.00 (D)
Installation Charge, no premises visit (initial and each additional loop).....		9.96 (I)
Installation Charge, premises visit required (initial loop).....		9.96 (D)
Installation Charge, premises visit required (each additional loop).....		9.96 (D)
Disconnect, per loop.....		8.01 (I)
Coordinated Cutover, per order, no premises visit		19.73 (I)
Coordinated Cutover, per order, premises visit.		19.73 (I)
CSS Design, per order.....		0.00 (D)
Density Cell, per loop, per month		
Cell 1.....	19.93	
Cell 2.....	22.81	
Cell 3.....	28.69	
Cell 4.....	34.43	

UNBUNDLED SERVICES

C. RATES (Cont'd)

1. Unbundled Loop (Cont'd)

	Rate	
	<u>Recurring</u>	<u>Nonrecurring</u>
e. <u>ISDN - BRI</u>		
Service Order Processing Charge.....		\$ 0.00 (D)
Installation Charge, no premises visit (initial and each additional loop).....		1.44
Installation Charge, premises visit required (initial loop).....		1.44
Installation Charge, premises visit required (each additional loop).....		1.44
Disconnect, per loop.....		1.30
Density Cell, per loop, per month		
Cell 1.....	\$ 8.27 (D)	
Cell 2.....	10.72	
Cell 3.....	13.90	
Cell 4.....	23.66 (I)	
f. <u>DS1/ISDN - PRI</u>		
Service Order Processing Charge.....		0.00 (D)
Installation Charge, no premises visit (initial and each additional loop).....		25.23 (I)
Installation Charge, premises visit required (initial loop).....		25.23
Installation Charge, premises visit required (each additional loop).....		25.23
Disconnect, per loop.....		17.46
Coordinated Cutover, per order, no premises visit		34.92
Coordinated Cutover, per order, premises visit.		34.92
CSS Design, per order.....		0.00 (D)
Density Cell, per loop, per month		
Cell 1.....	67.90 (D)	
Cell 2.....	93.62	
Cell 3.....	101.84	
Cell 4.....	131.51	

(C)

UNBUNDLED SERVICES

C. RATES (Cont'd)

1. Unbundled Loop (Cont'd)

		Rate	
		<u>Recurring</u>	<u>Nonrecurring</u>
g. <u>DS3</u>			
Service Order Processing Charge.....			\$ 0.00 (D)
Installation Charge, no premises visit (initial and each additional loop).....			19.30 (I)
Installation Charge, premises visit required (initial loop).....			19.30 (D)
Installation Charge, premises visit required (each additional loop).....		19.30	
Disconnect, per loop.....		10.84	(I)
Coordinated Cutover, per order, no premises visit		33.39	
Coordinated Cutover, per order, premises visit..		33.39	
CSS Design, per order.....			00.00 (D)
All Density Cells, per loop, per month	\$1,187.71 (I)		(C)
*	*		*
h. <u>ADSL Capable (2-Wire)</u>			
Service Order Processing Charge.....			0.00 (D)
Installation Charge, no premises visit (initial and each additional loop).....		1.44	
Installation Charge, premises visit required (initial loop).....		1.44	
Installation Charge, premises visit required (each additional loop).....		1.44	
Disconnect, per loop.....		1.30	
Coordinated Cutover, per order, no premises visit		1.49	
Coordinated Cutover, per order, premises visit..		1.49	
CSS Design, per order.....			0.00
Manual Pre-Qualification, per loop.....			0.00
Engineering Query, per loop.....			0.00
Cooperative Testing, per loop.....			0.00
Mechanized Pre-Qualification, per loop.....	0.00		
Wideband Test Access, per line-shared loop.....	1.83* (I)		
Density Cell, per loop, per month			
Cell 1.....	6.77 (D)		
Cell 2.....	9.25		
Cell 3.....	12.39		
Cell 4.....	22.39 (I)		

* This charge is optional for CLECs.

ISSUED AUGUST 2, 2004

EFFECTIVE OCTOBER 1, 2004

In compliance with the Order of the Pennsylvania Public Utility Commission
entered July 16, 2004 in Docket No. R-00016683

UNBUNDLED SERVICES

C. RATES (Cont'd)

1. Unbundled Loop (Cont'd)

	Rate	
	<u>Recurring</u>	<u>Nonrecurring</u>
i. <u>HDSL Capable (4-Wire)</u>		
Service Order Processing Charge.....		\$ 0.00 (D)
Installation Charge, no premises visit (initial and each additional loop).....		9.96 (I)
Installation Charge, premises visit required (initial loop).....		9.96 (D)
Installation Charge, premises visit required (each additional loop).....		9.96
Disconnect, per loop.....		8.01 (I)
Coordinated Cutover, per order, no premises visit required.....		19.73
Coordinated Cutover, per order, premises visit required.....		19.73
CSS Design, per order.....		0.00 (D)
Manual Pre-Qualification, per loop.....		0.00
Engineering Query, per loop.....		0.00
Cooperative Testing, per loop.....		0.00
Mechanized Pre-Qualification, per loop.....	\$ 0.00	
Wideband Test Access, per line-shared loop.....	1.83*	
Density Cell, per loop, per month		
Cell 1.....	19.93	(C)
Cell 2.....	22.81	
Cell 3.....	28.69	
Cell 4.....	34.43	
j. <u>Digital Designed Loops</u>		
Service Order Processing Charge.....		0.00 (D)
Installation Charge, no premises visit required (initial and each additional loop).....		1.44
Installation Charge, premises visit required (initial loop).....		1.44
Installation Charge, premises visit required (each additional loop).....		1.44
Disconnect, per loop.....		1.30

* This charge is optional for CLECs.

UNBUNDLED SERVICES

C. RATES (Cont'd)

1. Unbundled Loop (Cont'd)j. Digital Designed Loops (Cont'd)

	Rate	
	<u>Recurring</u>	<u>Nonrecurring</u>
Manual Pre-Qualification, per loop.....		\$0.00
Engineering Query, per loop.....		0.00
Cooperative Testing, per loop.....		0.00
Engineering Work Order, per loop.....		0.00
Mechanized Pre-Qualification, per loop.....	\$0.00	
Wideband Test Access, per line-shared loop...	1.83* (I)	
2W Digital Metallic Loop 18-30k ft Unloaded, with Standard Bridged Taps		
Removal of load coils (21k ft), per loop.....		0.00
Removal of load coils (27k ft), per loop.....		0.00
2W Digital Metallic Loop 18-30k ft with all Bridged Taps Removed		
Removal of load coils (21k ft), per loop.....		0.00
Removal of load coils (27k ft), per loop.....		0.00
Removal of Single Bridged Tap, per loop.....		0.00
Removal of Multiple Bridged Taps, per loop...		0.00
2W ADSL (12 or 18k ft) with all Bridged Taps Removed		
Removal of Single Bridged Tap, per loop.....		0.00
Removal of Multiple Bridged Taps, per loop...		0.00
4W HDSL with all Bridged Tap Removed		
Removal of Single Bridged Tap, per loop.....		0.00
Removal of Multiple Bridged Taps, per loop...		0.00
Addition of ISDN Electronic, per loop.....		0.00

* This charge is optional for CLECS.

ISSUED AUGUST 2, 2004

EFFECTIVE OCTOBER 1, 2004

In compliance with the Order of the Pennsylvania Public Utility Commission
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UNBUNDLED SERVICES

C. RATES (Cont'd)

1. Unbundled Loop (Cont'd)

	Rate		(C)
	<u>Recurring</u>	<u>Nonrecurring</u>	
k. <u>Digital Four-Wire</u> (56 KD)			
Service Order Processing Charge		\$ 0.00 (D)	
Installation Charge, no premises visit (initial and each additional loop)		9.96 (I)	
Installation Charge, premises visit required (initial loop)		9.96 (D)	
Installation Charge, premises visit required (each additional loop)		9.96	
Disconnect, per loop			
Coordinated Cutover, per order, no premises visit		8.01 (I)	
Coordinated Cutover, per order, premises visit ...		19.73	
CCS Design, per order		19.73	
		0.00 (D)	
Density Cell, per loop, per month			
Cell 1	\$14.14		
Cell 2	17.81		
Cell 3	21.92		
Cell 4	29.02		
1. <u>OC-3</u>			
Service Order Processing Charge		\$ 0.00	
Installation Charge, no premises visit (initial and each additional loop)		0.00	
Installation Charge, premises visit required (initial loop)		0.00	
Installation Charge, premises visit required (each additional loop)		0.00	
Disconnect, per loop		0.00	
All density cells, per loop, per month	\$1,930.99		
m. <u>OC-12</u>			
Service Order Processing Charge		\$ 0.00	
Installation Charge, no premises visit (initial and each additional loop)		0.00	
Installation Charge, premises visit required (initial loop)		0.00	
Installation Charge, premises visit required (each additional loop)		0.00	
Disconnect, per loop		0.00	
All density cells, per loop, per month	\$3,098.75		

ISSUED AUGUST 2, 2004

EFFECTIVE OCTOBER 1, 2004

UNBUNDLED SERVICES

C. RATES (Cont'd)

2. Unbundled Switching

(NOTE: Installation charges not applicable if existing loop and port UNES are ordered together.)

	Rate	
	Recurring	Nonrecurring
a. Local Switching Ports		
POTS/PBX/Centrex		
Service Order Processing Charge.....		\$ 0.00 (D)
Installation Charge, per port.....		1.40
Disconnect, per port.....		1.30
Rate per port, per month		
with all vertical features.....	\$ 1.91 (D)	
Rate per port, per month	1.68	
with all vertical features except:		
Three-Way Calling, per month	0.13	
Centrex Intercom, per month	0.26	
Custom Ringing, per month	0.002	
Calling Number Delivery Block, per call	0.002	
ISDN (BRI)		
Service Order Processing Charge.....		0.00 (D)
Installation Charge, per port.....		1.40
Disconnect, per port.....		1.30
Rate per port, per month.....	7.73 (D)	
ISDN (PRI)		
Service Order Processing Charge.....		0.00 (D)
Installation Charge, per port.....		19.18
Disconnect, per port.....		14.11 (I)
Rate per port, per month.....	74.18 (D)	
Features: ISDN-BRI and PRI		
Intercom.....	0.26	
Announcement.....	2.76	
Three-Way Calling.....	0.13	
Six-Way Conference.....	0.28	
Call Pickup.....	0.0002	
Selective Call Rejection.....	0.02	
Call Transfer Individual - All Calls.....	0.02	
Calling Name and Number Delivery.....	2.49	

UNBUNDLED SERVICES

C. RATES (Cont'd)

2. Unbundled Switching (Cont'd)

(C)

		Rate
	Recurring	Nonrecurring
a. Local Switching Ports (Cont'd)		
	*	*
DID		
Service Order Processing Charge.....		\$ 0.00 (D)
Installation Charge, per port.....		0.00
Disconnect, per port.....		0.00
Rate per port, per month.....	\$ 3.08 (D)	
Switched DS1		
Service Order Processing Charge.....		0.00 (D)
Installation Charge, per port.....		19.18 (I)
Disconnect, per port.....		14.11
Rate per port, per month.....	44.18 (D)	

UNBUNDLED SERVICES

C. RATES (Cont'd)

2. Unbundled Switching (Cont'd)

	Rate	
	<u>Recurring</u>	<u>Nonrecurring</u>

a. Local Switching Ports (Cont'd)IDLC Analog

Service Order Processing Charge.....		\$ 0.00 (D)
Installation Charge, per port.....		1.40
Disconnect, per port.....		1.30
Rate per port, per month.....	\$42.63 (D)	

Unbundled Public Access Line (UPALP)

Service Order Processing Charge.....		0.00 (D)
Installation Charge, per port.....		1.40
Disconnect, per port.....		1.30
Rate per port, per month.....	1.06 (D)	

Unbundled Coin (UCP)

Service Order Processing Charge.....		0.00 (D)
Installation Charge, per port.....		1.40
Disconnect, per port.....		1.30
Rate per port, per month.....	1.10 (D)	

*

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(C)

Simplified Message Desk Interface (SMDI)

(T)

Service Order Processing Charge.....		0.00 (D)
Installation Charge, per port.....		0.00
Disconnect, per port.....		0.00
Rate per port, per month.....	193.87 (D)	

Automatic Identified Outward Dialing (AIOD)

(C)

Service Order Processing Charge.....		0.00
Installation Charge, per port.....		0.00
Disconnect, per port.....		0.00
Rate, per port, per month.....	0.53	

UNBUNDLED SERVICES

C. RATES (Cont'd)

2. Unbundled Switching (Cont'd)

	Recurring	Rate Nonrecurring	
b. Local Switching			
Originating end office, per minute of use....	\$ 0.001373 (D)		(C)
Terminating end office, per minute of use....	0.001175		
c. Trunk Ports			
Dedicated End Office			
Service Order Processing Charge.....		\$ 0.00 (D)	
Initial Facility.....		0.00	
Additional Facility (when ordered at time of Initial Facility).....		0.00	
Monthly Charge, per port.....	44.20 (D)		
Tandem			(C)
Service Order Processing Charge.....		0.00 (D)	
Initial Facility.....		0.00	
Additional Facility (when ordered at time of Initial Facility).....		0.00	
Monthly Charge, per port.....	71.48 (D)		
TOPS			(C)
Service Order Processing Charge.....		0.00 (D)	
Initial Facility.....		0.00	
Additional Facility (when ordered at time of Initial Facility).....		0.00	
Monthly Charge, per port.....	77.43		
Common			
End Office, per minute of use.....	0.000361		
Tandem, per minute of use.....	0.000513		
TOPS, per minute of use.....	0.001665		
d. Tandem Switching, per minute of use.....	0.000120 (D)		

UNBUNDLED SERVICES

C. RATES (Cont'd)

3. Unbundled Transport

	Rate		
	Recurring	Nonrecurring	
a. <u>Dedicated Transport</u>			
<u>Voice Grade/DS-0</u>			
Service Order Processing Charge.....		\$ 0.00 (D)	
Initial Facility.....		0.00	
Additional Facility (if purchased at time of initial facility)		0.00	
Monthly Charge, per facility.....	\$ 31.51 (I)		
Mileage Charge, per facility, per mile, per month	0.14		
<u>DS-1</u>			
Service Order Processing Charge.....		0.00 (D)	
Initial Facility.....		8.14	
Additional Facility (if purchased at time of initial facility)		8.14	
Disconnect, per facility.....		0.49	(C)
Monthly Charge, per facility.....	47.48 (I)		
Mileage Charge, per facility, per mile, per month	0.60		
<u>DS-3</u>			
Service Order Processing Charge.....		0.00 (D)	
Initial Facility.....		8.14	
Additional Facility (if purchased at time of initial facility)		8.14	
Disconnect, per facility.....		0.49	(C)
Monthly Charge, per facility.....	492.68 (I)		
Mileage Charge, per facility, per mile, per month	51.31		
*	*	*	(C)

UNBUNDLED SERVICES

C. RATES (Cont'd)

3. Unbundled Transport (Cont'd)a. Dedicated Transport (Cont'd)

	Rate	
	<u>Recurring</u>	<u>Nonrecurring</u>
<u>STS-1</u>		
Service Order Processing Charge.....		\$ 0.00 (D)
Initial Facility.....		0.00
Additional Facility (if purchased at time of initial facility)		0.00
Monthly Charge, per facility.....	\$ 495.91 (I)	
Mileage Charge, per facility, per mile, per month	51.48 (I)	

OC-3

Service Order Processing Charge.....		0.00 (D)
Initial Facility.....		0.00
Additional Facility (if purchased at time of initial facility)		0.00
Monthly Charge, per facility.....	1,435.14 (I)	
Mileage Charge, per facility, per mile, per month	154.56	

OC-12

Service Order Processing Charge.....		0.00 (D)
Initial Facility.....		0.00
Additional Facility (if purchased at time of initial facility)		0.00
Monthly Charge, per facility.....	3,741.07 (I)	
Mileage Charge, per facility, per mile, per month	342.85	

b. Common Transport

Tandem Switching, per minute of use.....	0.000120 (D)
Transport Fixed, per minute of use.....	0.000206 (I)
Transport Per Mile, per minute of use.....	0.00001 (D)

UNBUNDLED SERVICES

C. RATES (Cont'd)

3. Unbundled Transport (Cont'd)c. Entrance Facilities

		Rate		
		Recurring	Nonrecurring	
	*		*	(C)
<u>DS-1 to Voice Grade Multiplexing</u>				
Service Order Processing Charge.....			\$ 1.06	
Initial Facility.....			554.67	
Additional Facility (if purchased at time of initial facility)			554.67	
Monthly Charge, per facility.....	73.28			
<u>DS-1 Channel Termination</u>				
Service Order Processing Charge.....			0.00 (D)	
Initial Facility.....			25.23	
Additional Facility (if purchased..... at time of initial facility)			25.23	
Disconnect, per facility.....			17.46	(C)
Monthly Charge, per facility.....	99.15 (D)			
<u>DS-3 to DS-1 Multiplexing</u>				
Service Order Processing Charge.....			1.06	
Initial Facility.....			554.67	
Additional Facility (if purchased at time of initial facility)			554.67	
Monthly Charge, per facility.....	242.57			
<u>DS-3 Channel Termination</u>				
Service Order Processing Charge.....			0.00 (D)	
Initial Facility.....			19.30	
Additional Facility (if purchased at time of initial facility)			19.30	
Disconnect, per facility.....			10.84	(C)
Monthly Charge, per facility.....	446.43 (D)			

UNBUNDLED SERVICES

C. RATES (Cont'd)

3. Unbundled Transport (Cont'd)c. Entrance Facilities (Cont'd)

	Rate	
	<u>Recurring</u>	<u>Nonrecurring</u>
<u>STS-1</u>		
Service Order Processing Charge.....		\$ 0.00 (D)
Initial Facility.....		0.00
Additional Facility (if purchased at time of initial facility)		0.00
Monthly Charge, per facility.....	\$ 448.76 (D)	
<u>OC-3</u>		
Service Order Processing Charge.....		0.00 (D)
Initial Facility.....		0.00
Additional Facility (if purchased at time of initial facility)		0.00
Monthly Charge, per facility.....	926.73 (I)	
<u>OC-12</u>		
Service Order Processing Charge.....		0.00 (D)
Initial Facility.....		0.00
Additional Facility (if purchased at time of initial facility)		0.00
Monthly Charge, per facility.....	3,146.08 (I)	

UNBUNDLED SERVICES

C. RATES (Cont'd)

*

*

*

(C)

4. Expanded Extended Loop (EEL) Arrangements

The applicable tariffed monthly rate for each separate unbundled element involved in an arrangement will apply to EEL arrangements. Rates and Charges associated with EEL arrangements are found in section 3C1 for loops, and 3C3 for Interoffice mileage and multiplexing (as applicable), of this Tariff, depending upon the EEL arrangement. Rates for concentration can be found in the Pa. P.U.C.-No. 218 Tariff. When all components of an EEL arrangement are ordered together, only one service order charge is to apply, which shall be the highest Tariffed service order charge for the separate purchase of the individual elements involved in the EEL arrangement.

a. Expanded Extended Loop-DS1/2- or 4-Wire Analog, 2-Wire Digital ISDN

- DS1 Interoffice Mileage
- DS1 to DS0 multiplexing
- 2/4-Wire CSS Analog Loop, or
- 2-Wire Digital ISDN Loop

b. Expanded Extended Loop-DS1/2-Wire Analog, 2-Wire Digital ISDN with Concentration

- DS1 Interoffice Mileage
- DS1 to DS0 multiplexing arrangement with Concentration
- 2-Wire Analog Loop
- 2-Wire Digital ISDN Loop

c. Expanded Extended Loop-DS3/DS1/2- or 4-Wire Analog, 2-Wire Digital ISDN

- DS3 Interoffice Mileage
- DS3 to DS1 multiplexing
- DS1 Interoffice Mileage
- DS1 to DS0 multiplexing
- 2/4-Wire Analog Loop, or
- 2-Wire Digital ISDN Loop

UNBUNDLED SERVICES

C. RATES (Cont'd)

4. Expanded Extended Loop (EEL) Arrangements (Cont'd)

(C)

d. Expanded Extended Loop-DS3/DS1/2-Wire Analog, 2-Wire Digital ISDN with Concentration

- DS3 Interoffice Mileage
- DS3 to DS1 multiplexing
- DS1 Interoffice Mileage
- DS1 to DS0 multiplexing arrangement with Concentration
- 2-Wire Analog Loop
- 2-Wire Digital ISDN Loop

e. Expanded Extended Loop-DS3/DS1

- DS3 Interoffice Mileage
- DS3 to DS1 multiplexing
- 1.5 Mbps High Capacity Loops

f. Expanded Extended Loop-DS1

- DS1 Interoffice Mileage
- 1.5 Mbps High Capacity Loops

g. Expanded Extended Loop-DS3

- DS3 Interoffice Mileage
- 45 Mbps High Capacity Loops

The following three combinations are available as M loops associated with DS1/DS0 unbundled multiplexing:

h. Expanded Extended Loop- 2-Wire Analog Loop with EEL Transport

- 2-Wire Analog EEL Transport
- 2-Wire Analog Loop

i. Expanded Extended Loop- 4-Wire Analog Loop with EEL Transport

- 4-Wire Analog EEL Transport
- 4-Wire Analog Loop

j. Expanded Extended Loop- 2-Wire Digital ISDN Loop with EEL Transport

- 2-Wire Digital ISDN EEL Transport
- 2-Wire Digital ISDN Loop

UNBUNDLED SERVICES

C. RA5r4TES (Cont'd)

4. Expanded Extended Loop (EEL) Arrangements (Cont'd)

With respect to ELL Voice Grade Transport arrangements, in addition to the loop rates found in Section 3C1, the following applies:

k. Two-Wire Analog EEL Transport

- | | |
|--------------------------|--------------|
| (1) Inter-Office Mileage | |
| Per Facility | See 3.C.3.a. |
| Per Mile | See 3.C.3.a. |

1. Four-Wire Analog EEL Transport

- | | |
|--------------------------|--------------|
| (1) Inter-Office Mileage | |
| Per Facility | See 3.C.3.a. |
| Per Mile | See 3.C.3.a. |

m. Two-Wire Digital ISDN EEL Transport

- | | |
|--------------------------|--------------|
| (1) Inter-Office Mileage | |
| Per Facility | See 3.C.3.a. |
| Per Mile | See 3.C.3.a. |

n. Digital Four-Wire DSO EEL Transport

- | | |
|--------------------------|--------------|
| (1) Inter-Office Mileage | |
| Per Facility | See 3.C.3.a. |
| Per Mile | See 3.C.3.a. |

The EEL Loop Connection Charge is a monthly rate designed to recover the cost associated with providing appropriate test points in the network. The rate will apply based on the specific UNE loops included in the EEL arrangement. The applicable rate is in addition to the sum of the rates set forth in this Tariff, and in Pa. P.U.C. No.- 218 if the arrangement includes concentration. The monthly EEL Loop Connection charges associated with loops in an EEL arrangement are set forth as follows:

o.	<u>Voice Grade Loop Connection Charge</u>	<u>Monthly Rate</u>
-	2-Wire Analog	\$0.07
-	2-Wire Digital ISND	0.08 (I)
-	4-Wire Analog	0.14
p.	<u>Digital Four-wire DSO Loop Connection Charge</u>	0.16
q.	<u>Digital Four-wire DS1 Loop Connection Charge</u>	0.74

* * *

Rates and charges associated with Concentration will be found in Pa. P.U.C.-No. 218, Section 2J.

(1) Application Fee	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
- Per Request	N/A	Charges are set forth in in P.U.C. No. 218, 2.J.4

ISSUED SEPTEMBER 7, 2004

EFFECTIVE OCTOBER 1, 2004

In compliance with the Order of the Pennsylvania Public Utility Commission
entered July 16, 2004 in Docket No. R-00016683

UNBUNDLED SERVICES

C. RATES (Cont'd)

4. Expanded Extended Loop (EEL) Arrangements (Cont'd)

Rates and charges associated with Concentration will be found in Pa.
P.U.C.-No. 218, Section 2J. (Cont'd)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(2) Engineering and Implementation		
- Standard/Single Entrance	N/A	Charges are set forth in Pa. P.U.C.-No. 218, 2.J.4
- Augment	N/A	Charges are set forth in Pa. P.U.C.-No. 218, 2.J.4
(3) Equipment Installation Costs		
- Per EEL Arrangement	N/A	Vendor Pass Through
(4) Virtual Collocation Cross Connect for Concentration		
- Monthly Rates as set forth in Pa. P.U.C.-No. 218, 2J		

Other Charges

(a) Equipment Service Charge (Repair/Maintenance/ Escort Service)	
- Per technician	Rates and charges set forth in Pa. P.U.C.-No. 218, 2J.7

5. Unbundled Network Element Platform (UNE-P)Monthly RatesAnalog Platform

Pots/PBX/Centrex Port

H

H

See 3.C.2.a

H

(C)
|

2W Analog Loop

See 3.C.1.a

ISDN-BRI Platform

ISDN-BRI Port

See 3.C.2.a

ISDN Loop

See 3.C.1.b

ISDN-PRI Platform

ISDN-PRI Port

See 3.C.2.a

DS1 Loop

See 3.C.1.e

UNBUNDLED SERVICES

C. RATES (Cont'd)

5. Unbundled Network Element Platform (UNE-P) (Cont'd)Monthly Rates (Cont'd)Analog Centrex Platform

Pots/PBX/Centrex Port

See 3.C.2.a

(C)

H

H

H

2W Analog Loop

See 3.C.1.a

ISDN-BRI Centrex Platform

ISDN-BRI Port

See 3.C.2.a

ISDN Loop

See 3.C.1.b

Analog Foreign Exchange Platform

Pots/PBX/Centrex Port

See 3.C.2.a

(C)

H

H

H

2W Analog Loop

See 3.C.1.a

Voice Grade/DSO Dedicated Transport

See 3.C.3.a

ISDN-BRI Foreign Exchange Platform

ISDN-BRI Port

See 3.C.2.a

ISDN Loop

See 3.C.1.b

Voice Grade/DSO Dedicated Transport

See 3.C.3.a

DS1 DID/DOD/PBX Platform

Switched DS1 Port

See 3.C.2.a

DS1 Loop

See 3.C.1.e

DS1 DID/DOD/PBX Foreign Exchange Platform

Switched DS1 Port

See 3.C.2.a

DS1 Loop

See 3.C.1.e

DS1 Dedicated Transport

See 3.C.3.a

ISDN-PRI Foreign Exchange Platform

ISDN-PRI I Port

See 3.C.2.a

DS1 Loop

See 3.C.1.e

DS1 Dedicated Transport

See 3.C.3.a

Coin Platform

Coin Port (UCP)

See 3.C.2.a

2W Analog Loop

See 3.C.1.a

Public Access Line Platform

Public Access Line Port (UPAP)

See 3.C.2.a

2W Analog Loop

See 3.C.1.a

UNBUNDLED SERVICES

C. RATES (Cont'd)

5. Unbundled Network Element Platform (UNE-P) (Cont'd)Nonrecurring Rates - New Connections (Note 1)Analog Platform

Pots/PBX/Centrex Port

See 3.C.1.a

(C)

H

H

H

|

2W Analog Loop

See 3.C.1.a

ISDN-BRI Platform

See 3.C.2.a

ISDN-BRI Port

See 3.C.1.b

ISDN Loop

ISDN-PRI Platform

See 3.C.2.a

ISDN-PRI Port

See 3.C.1.e

DS1 Loop

Analog Centrex Platform

Pots/PBX/Centrex Port

See 3.C.2.a

(C)

H

H

H

|

2W Analog Loop

See 3.C.1.a

ISDN-BRI Centrex Platform

See 3.C.2.a

ISDN-BRI Port

See 3.C.1.b

ISDN Loop

Analog Foreign Exchange Platform

Pots/PBX/Centrex Port

See 3.C.2.a

(C)

H

H

H

|

2W Analog Loop

See 3.C.1.a

Voice Grade/DSO Dedicated Transport

See 3.C.3.a

ISDN-BRI Foreign Exchange Platform

ISDN-BRI Port

See 3.C.2.a

ISDN Loop

See 3.C.1.b

Voice Grade/DSO Dedicated Transport

See 3.C.3.a

DS1 DID/DOD/PBX Platform

Switched DS1 Port

See 3.C.2.a

DS1 Loop

See 3.C.1.e

DS1 DID/DOD/PBX Foreign Exchange Platform

Switched DS1 Port

See 3.C.2.a

DS1 Loop

See 3.C.1.e

DS1 Dedicated Transport

See 3.C.3.a

ISDN-PRI Foreign Exchange Platform

ISDN-PRI I Port

See 3.C.2.a

DS1 Loop

See 3.C.1.e

DS1 Dedicated Transport

See 3.C.3.a

Note 1 - Only one service order charge will apply per platform order.

ISSUED MARCH 9, 2001

EFFECTIVE APRIL 8, 2001

UNBUNDLED SERVICES

C. RATES (Cont'd)

5. Unbundled Network Element Platform (UNE-P) (Cont'd)Nonrecurring Rates - New Connections (Note 1) (Cont'd)Coin Platform

Coin Port (UCP)

See 3.C.2.a

2W Analog Loop

See 3.C.1.a

Public Access Line Platform

Public Access Line Port (UPAP)

See 3.C.2.a

2W Analog Loop

See 3.C.1.a

Rate
Nonrecurring

★

★

★

(C)

Other Charges

Signaling and Databases

See 3.C.12

Usage Charges

See 3.C.2.b, 3.C.3.b

Daily Usage File (DUF)

See 3.C.12.e

Customized Routing

See 3.C.11

Dedicated Trunk Port

See 3.C.2.c

Dedicated Transport

See 3.C.3.a

★

★

★

(C)

Note 1 - Only one service order charge will apply per platform order.

ISSUED MAY 12, 2003

EFFECTIVE MAY 13, 2003

In compliance with the Order of the Pennsylvania Public Utility Commission
entered May 1, 2003 in Docket Nos. R-00005261 and R-00005261C0001

UNBUNDLED SERVICES

C. RATES (Cont'd)

6. Time and Materials

Special Construction - See PA P.U.C. No. 1, Section 9.

	Rate		
	<u>Recurring</u>	<u>Nonrecurring</u>	
Service Technician (service work on unbundled loops outside of the Central Office)			
Service Order Processing Charge		\$0.00	
Premises Visit Charge, per occasion ..		28.14 (I)	(C)
Labor Charge, per occasion		14.07 (I)	
Total Field Dispatch Rate		42.21 (I)	
Central Office Technician			
Service Order Processing Charge		0.00	
Labor Charge, per occasion		23.84 (I)	(C)

The Time and Materials rates are charged on a flat-rate basis, regardless of the time needed to complete the job. (C)
|

7. Poles and conduit and Rights of Way (ROW)

Per contract rates, see 47 U.S.C. Section 224

See also PA. P.U.C. No. 303 for rates.

8. Unbundled Network Interface Device (NID)

Monthly Charge, per 2-wire NID.....	\$1.04	
Monthly Charge, per 4-wire NID.....	1.12	
NID to NID Connection, per 2-wire NID.....	1.04	
NID to NID Connection, per 4-wire NID.....	1.12	
Monthly Charge, per DS1NID.....	4.70	
UNE Shared NID, per line.....	0.32	
Service Order Processing Charge.....		0.00
Installation Charge		
Stand-alone 2-wire or 4-wire NID		Note 1
Stand-alone DS1 NID		Note 1

Note 1 Installation based upon Time and Materials - Service Technician Charges, as set forth in 3.C.6. (C)
|

ISSUED JUNE 30, 2005

EFFECTIVE JULY 1, 2005

In compliance with the Order of the Pennsylvania Public Utility Commission
entered June 30, 2005 in Docket No. R-00049812.

UNBUNDLED SERVICES

C. RATES (Cont'd)

		Rates	
		<u>Recurring</u>	<u>Nonrecurring</u>
9.	<u>Access to Telephone Numbers</u> (NXX codes issued per ICCF Code Administration Guidelines) ...	No Charge	No Charge
10.	<u>Local Dialing Parity</u>	No Charge	No Charge
11.	<u>Customized Routing</u>		
	To Reseller Platform		
	Installation Charge, per line		\$0.00
	Monthly Charge, per line	\$0.0007	
	To VZ Platform for Re-Branding, Service Order		
	Monthly Charge, per line		\$0.00
	To VZ Platform for Re-Branding, per call.....	0.068849	
	Customized Routing Transport - See Unbundled Transport Section 3 above.		
12.	<u>Signaling and Databases</u>		
	*	*	*
			(C)
			(C)
a.	<u>LIDB Vilidation</u>		
	LIDB Point Codes, Service Order		
	Processing Charge, per point code.....		0.00
	Calling Card, per query	0.020924	
	Billing Number Screening, per query	0.020924	
	Storage of Requested OTC's Data in LIDB Database, Service Order Processing		
	Charge, per requesting OTC		0.00

UNBUNDLED SERVICES

C. RATES (Cont'd)

		Rates	
		<u>Recurring</u>	<u>Nonrecurring</u>
12.	<u>Signaling and Databases</u>		
b.	<u>AIN Service Creation (ASC) Service</u>		(C)
	Developmental Charges		
	Service Establishment, per requesting CLEC....		\$0.000
	Service Creation Access Port, Monthly Charge, per port.....	\$1401.13	
	Service Creation Usage		
	Remote Access, per day.....	3,532.12	
	On-Premises, per day.....	3,532.12	
	Certification and Testing, per hour.....	67.89	
	Help Desk Support, per hour.....	72.62	
	Service Charges		
	Subscription Charge, per month.....	0.67	
	Database Queries		
	Network Query, per query.....	0.00044	
	CLEC Network Query, per query.....	0.00044	
	CLEC Switch Query, per query.....	0.00044	
	Trigger Charges		
	Utilization Element, per query.....	0.00001	
	Service Activation Charge		
	Network Service Activation, per service activated, per line.....		0.00
	CLEC Network Service Activation, per service activated, per line.....		0.00
	CLEC Switch Service Activation, per service activated, per line.....		0.00
	Service Modification		
	DTMF Update, per change.....	0.004248	
	Switch Based Announcement, per announcement...	0.000780	

UNBUNDLED SERVICES

C. RATES (Cont'd)

		Rates	
		<u>Recurring</u>	<u>Nonrecurring</u>
12.	<u>Signaling and Databases</u> (Cont'd)		
c.	<u>Access to Operation Support Systems</u>		(C)
	Ongoing and Recovery of One-Time Expense (during 10-year period), per line, per month	\$0.82	
	Ongoing Only (after 10-year period), per line, per month	0.45	
	Daily Usage File		
	Existing Message Recording, per message.....	0.00149	
	Per Record Transmitted	0.001079	
	Delivery of DUP Data Tape or Catridge Media, per tape or cartridge	20.45	

UNBUNDLED SERVICES

C. RATES (Cont'd)

	Monthly Rates	Nonrecurring Charges
13. <u>Unbundled Dark Fiber</u>		
Serving Wire Center Charge, - per Serving Wire Center, Per Dark Fiber Pair.....	\$15.95 (I)	
Dark Fiber Channel Termination Charge - Per Dark Fiber Pair.....	118.88	
Dark Fiber Loop Charge, Per Fiber Pair		
- Density Zone 1.....	71.66	
- Density Zone 2.....	117.04	
- Density Zone 3.....	169.14	
- Density Zone 4.....	200.95	
Dark Fiber IOF Mileage, - Per Fiber Pair, Per Mile.....	149.32	
Record Review Charge, per pair.....		\$0.00 (D)
14. xDSL		
- Line and Station Transfer.....		0.00 (D) (C)

UNBUNDLED SERVICES

C. RATES (Cont'd)

		Rates	
		<u>Recurring</u>	<u>Nonrecurring</u>
15.	<u>Unbundled Feeder Sub-Loop Element (UFSE)</u>		
a.	UFSE - 2-wire, per subloop		
	Cell 1	\$4.92 (I)	
	Cell 2	5.30 (D)	
	Cell 3	5.73 (D)	
	Cell 4	10.02 (I)	
b.	UFSE - 4-wire, per subloop		
	Cell 1	10.16	
	Cell 2	13.32	
	Cell 3	15.58	
	Cell 4	18.29	
c.	Conditioning - removal of load coils and bridge tap		see C.1.i.
d.	UFSE - DSO, per subloop		(C)
	Cell 1	4.92	
	Cell 2	5.30	
	Cell 3	5.73	
	Cell 4	10.02	
e.	UFSE - DS1, per subloop		
	Cell 1	65.28 (D)	
	Cell 2	85.12 (I)	
	Cell 3	88.96 (I)	
	Cell 4	105.63 (D)	
f.	UFSE - DS3, per subloop, all density cells	1,166.16 (I)	
g.	UFSE - OC-3, all density cells	1,901.89	(C)
a.	UFSE - 2-wire, all density cells		
	- Service Order		\$0.00 (D)
	- Installation (without premise visit) ..		0.00
	- Installation (with premise visit)		
	- Initial		0.00
	- Additional		0.00

UNBUNDLED SERVICES

C. RATES (Cont'd)

		Rates	
		<u>Recurring</u>	<u>Nonrecurring</u>
15.	<u>Unbundled Feeder Sub-Loop Element (UFSE) (Cont'd)</u>		
i.	UFSE - 4-wire, all density cells		
	- Service Order		\$0.00 (D)
	- Installation (without premise visit) ..		0.00
	- Installation (with premise visit)		
	- Initial		0.00
	- Additional		0.00
j.	UFSE - DSO, all density cells		
	- Service Order		\$0.00 (D)
	- Installation (without premise visit) ..		0.00
	- Installation (with premise visit)		
	- Initial		0.00
	- Additional		0.00
k.	UFSE - DS1, all density cells		
	- Service Order		\$0.00 (D)
	- Installation (without premise visit) ..		0.00
	- Installation (with premise visit)		
	- Initial		0.00
	- Additional		0.00
l.	UFSE - DS3, all density cells		
	- Service Order		\$0.00 (D)
	- Installation (without premise visit) ..		0.00
	- Installation (with premise visit)		
	- Initial		0.00
	- Additional		0.00
m.	UFSE - OC-3, all density cells		
	- Service Order		\$0.00 (C)
	- Installation (without premise visit) ..		0.00
	- Installation (with premise visit)		
	- Initial		0.00
	- Additional		0.00

UNBUNDLED SERVICES

C. RATES (Cont'd)

		Rates	
		<u>Recurring</u>	<u>Nonrecurring</u>
16.	<u>Unbundled Sub-Loop Arrangement (USLA)</u>		
a.	USLA - 2-wire - Distribution, per subloop		
	Cell 1	\$2.26 (I)	
	Cell 2	2.56	
	Cell 3	3.95	
	Cell 4	6.76	
b.	USLA - 4-wire - Distribution, per subloop		
	Cell 1	2.65 (I)	
	Cell 2	3.71	
	Cell 3	6.04	
	Cell 4	10.92	
c.	USLA - 2-wire, all density cells		
	- Service Order		\$0.00 (D)
	- Installation (without premise visit) ..		0.00
	- Installation (with premise visit)		
	- Initial		0.00
	- Additional		0.00
	Migration		
	- Service Order		\$0.00 (D)
	- Installation (without premise visit) ..		22.56 (I)
	- Installation (with premise visit)		
	- Initial		22.56 (D)
	- Additional		22.56 (D)
d.	USLA - 4-wire, all density cells		
	- Service Order		\$0.00 (D)
	- Installation (without premise visit) ..		0.00
	- Installation (with premise visit)		
	- Initial		0.00
	- Additional		0.00
	Migration		
	- Service Order		\$0.00 (D)
	- Installation (without premise visit) ..		61.52 (I)
	- Installation (with premise visit)		
	- Initial		61.52 (D)
	- Additional		61.52 (I)
e.	USLA - Line Sharing - 2-Wire,		(C)
	all density cells.....	1.47	(C)

UNBUNDLED SERVICES

C. RATES (Cont'd)

		Rates	
		<u>Recurring</u>	<u>Nonrecurring</u>
17.	<u>Unbundled Drop Sub-Element (UDSE)</u>		
a.	UDSE - 2-wire, per drop, all density cells	\$5.89 (I)	
b.	UDSE - 4-wire, per drop, all density cells	7.75 (I)	
c.	USDE - 2-wire, all density cells		
	- Service Order		\$0.00 (D)
	- Installation (without premise visit) ..		41.85 (I)
	- Installation (with premise visit)		
	- Initial		41.85 (D)
	- Additional		41.85 (I)
d.	USDE - 4-wire, all density cells		
	- Service Order		\$0.00 (D)
	- Installation (without premise visit) ..		0.00
	- Installation (with premise visit)		
	- Initial		0.00
	- Additional		0.00

OPERATOR SERVICES AND DIRECTORY ASSISTANCE

C. RATES (Cont'd)

18. Direct Access

	<u>Recurring</u>	<u>Rate</u> <u>Nonrecurring</u>
Per Query	\$0.0335	
Service Establishment Charge, per requesting CLEC		\$15,390.10
Service Establishment Charge, per link per requesting CLEC		31,318.10
Directory Assistance, per call.....	0.3663	
Directory Transport		
Tandem Switching, per call	0.000693	
Tandem Switched Transport, per call	0.000125	
Tandem Switched Transport per mile, per call ...	0.000003	
Operator Services, live, Per operator, work second	0.01289	
*		(C)
*		(C)
Custom Rebranding for Directory Assistance And/or Operator Services		1,375.00
Carrier-to-carrier LSV/VCI requests, Per operator, work second	0.01289	

* Effective December 16, 2011, Operator Services, automated, Per automated and work second Service formerly contained in this section, is hereby withdrawn and no longer available.