NETWORK ELEMENTS

5. Unbundled Network Elements

5.1 Access to Network Elements

The Telephone Company provides non-discriminatory access to unbundled Network Elements (UNEs) to the extent technically feasible such that a Requesting TC will be able to lease and interconnect to whichever of the Network Elements the TC requests to provide telecommunications services. This enables the TC to provide local exchange and exchange access to the public. TCs will access Unbundled Network Elements via collocation at the Telephone Company Wire Centers where those elements exist with the exception of Network Interface Devices, House and Riser Cables and UNE-P combinations. Unbundled loops and ports, in the case of collocation, will be delivered to the TC's collocation node by means of a cross connect. General regulations are in Section 4 preceding.

5.1.1 Available Network Elements

At the request of the TC, the Telephone Company shall provide the TC access to the following unbundled Network Elements which are further described in the listed sections:

5.2 Network Interface Device (NID) and House and Riser Cable
5.3 Interoffice Transmission Facilities
5.4 Tandem Switch
5.5 Local Links (Loops)
5.6 Local Switching
5.7 Access to Signaling Systems and Call-Related Databases
5.8 Directory Assistance and Operator Services
5.9 Access to Operations Support Systems (OSS)
5.10 911/E911 Services (T)
5.11 Additional Provisions Related to UNEs
5.12 Combinations of Unbundled Network Elements - Platform
5.13 Combinations of Unbundled Network Elements - Trunk Port
5.14 Combinations of Unbundled Network Elements - Link
5.15 Combinations of Unbundled Network Elements - Other
5.16 Other Services
5.17 (Reserved for future use)
5.18 Line Sharing Arrangement
5.19 Unbundled Sub-Loop Arrangement (USLA)
5.20 Dark Fiber
5.21 Access to Feeder Sub-Loops
5.22 Line Splitting Arrangement

Requests for network elements not contained herein can be made via the Bona Fide Request (BFR) Process as described in Section 16 following.

NETWORK ELEMENTS

5. Unbundled Network Elements

5.1 Access to Network Elements

5.1.1.1 Certain Withdrawn Network Elements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 August 22, 2004, the Telephone Company will no longer provision new orders for any of 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 TC: (T)

Primary Rate ISDN Port
Primary Rate ISDN Port Features
Local Switch Trunk Ports for use with Primary Rate ISDN Port
Common (Shared) Transport for use with Primary Rate ISDN Port
Primary Rate ISDN Platform
DS1 DID/DOD/PBX Port Interface for the Termination of Digital PBX Systems (DS1 DID/DOD/PBX Port)
DS1 DID/DOD/PBX Port Features
Local Switch Trunk Ports for use with DS1 DID/DOD/PBX Port
Common (Shared) Transport for use with DS1 DID/DOD/PBX Port
DS1 DID/DOD/PBX Platform

Notwithstanding any other provision of this tariff, any of the following that is in service will be replaced with alternative arrangements after August 22, 2004, except as otherwise required under an effective interconnection agreement between the Telephone Company and the TC:

Primary Rate ISDN Port
Primary Rate ISDN Port Features
Local Switch Trunk Ports for use with Primary Rate ISDN Port
Common (Shared) Transport for use with Primary Rate ISDN Port
Primary Rate ISDN Platform
DS1 DID/DOD/PBX Port Interface for the Termination of Digital PBX Systems (DS1 DID/DOD/PBX Port)
DS1 DID/DOD/PBX Port Features
Local Switch Trunk Ports for use with DS1 DID/DOD/PBX Port
Common (Shared) Transport for use with DS1 DID/DOD/PBX Port
DS1 DID/DOD/PBX Platform

As used in this Section 5.1.1.1, "DS1 DID/DOD/PBX Port " includes, but is not limited to, DS1 DID/DOD/PBX Port Interface for the Termination of Digital PBX Systems and DS1 DID/DOD/PBX Port.

NETWORK ELEMENTS

5. Unbundled Network Elements

5.1 Access to Network Elements

5.1.1.1 Certain Withdrawn Network Elements

(A) (Cont'd)

The following surcharges will be applied to platform-like arrangements based on forms of switching indicated in this Section 5.1.1.1(A), that remained in service after August 22, 2004, and that were not replaced with resale arrangements or with alternative service provided pursuant to commercial contracts. (Such arrangements will be referred to for purposes of this paragraph as "Relevant DS1 Arrangements.")These surcharges will apply in addition to the rates for switching and other platform components that are set forth elsewhere in this Tariff. Any Relevant DS1 Arrangements remaining in service as of March 11, 2006 will be disconnected; provided, however, that the Telephone Company may, in its sole discretion, elect to leave Relevant DS1 Arrangements in service on March 11, 2006. If it does make such an election, it may further elect to discontinue such arrangements, or to convert them to substantially equivalent resale arrangements (priced at the rates set forth in Telephone Company Tariff PSC No. 9), at any later date. Under no circumstances will the Telephone Company be required to make any such election, and it reserves its right to discontinue on March 11, 2006 any Relevant DS1 Arrangements remaining in service as of such date. If the Telephone Company elects not to discontinue such arrangements on March 11, 2006, it will provide notice of such election by February 11, 2006 to any TCs that have Relevant DS1 Arrangements remaining in service. If the Telephone Company elects to leave Relevant DS1 Arrangements in service on March 11, 2006, and if it further elects to discontinue such arrangements or to convert them to resale after March 11, 2006, it will provide thirty days' advance notice of such further election to any TCs with Relevant DS1 Arrangements remaining in service. (C) (C) (C) (N) (N)

	Monthly Surcharge
Enterprise Switching Surcharge, per Port	
DS1 Port Surcharge	$1288.02
PRI Port Surcharge	966.73

This provision is without prejudice to any claims that Verizon may make for recovery of these surcharges for the period between August 22, 2004 and the effective date of this tariff.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)

(B) Notwithstanding any other provision of this Tariff, Verizon shall not be obligated to provide access to a fiber to the premises (FTTP) Loop (or any segment thereof) on an unbundled basis except in accordance with, but only to the extent required by, 47 U.S.C. § 251(c)(3) and 47 C.F.R. Part 51.

(C) Implementation of Triennial Review Remand Order

(1) General

(a) This § 5.1.1.1(C) implements certain provisions of the *Order on Remand* issued by the Federal Communications Commission on February 4, 2005, in WC Docket No. 04-313 and CC Docket No. 01-338 (the "*Triennial Review Remand Order*"), and of the regulations promulgated by the FCC pursuant to that order. . In some cases, the section also implements provisions of the FCC's August 2003 *Triennial Review Order* (and of the regulations promulgated by the FCC pursuant to that order) that were reaffirmed, clarified, or extended in the *Triennial Review Remand Order*.

(b) For purposes of this § 5.1.1.1(C), the terms "business line," "mobile wireless service," "fiber-based collocator," and "wire center" shall have the meanings set forth in 47 C.F.R. § 51.5, as in effect on and after March 11, 2005.

(c) To the extent that the Telephone Company is not required to provide any unbundled network element on a standalone basis pursuant to this § 5.1.1.1(C), it will to the same extent not be required to provide any such element as part of an unbundled element combination. By way of illustration and not limitation, the Telephone Company will not be required to provide UNE Platform service under this tariff to the extent that it is not required to provide standalone UNE local circuit switching.

(d) A TC's submission to the Telephone Company of an order for unbundled DS1, DS3, or dark fiber loops, or unbundled DS1, DS3, or dark fiber dedicated transport, shall constitute a certification that, to the best of the TC's knowledge based on diligent inquiry, the order is consistent with the restrictions set forth below in §§ 5.1.1.1(C)(2)(a)(i), 5.1.1.1(C)(2)(b)(i), 5.1.1.1(C)(2)(c)(i), 5.1.1.1(C)(3)(b)(i), 5.1.1.1(C)(3)(c)(i), and 5.1.1.1(C)(3)(d)(i), and that the TC is entitled to unbundled access to the network element or elements ordered. Such diligent inquiry shall include review of Appendix E to this tariff, which identifies the central offices that are in the Telephone Company's service area in New York, or within its service area in Connecticut but within LATA 132, that are either "Tier 1" or "Tier 2" wire centers, as defined in the *Triennial Review Remand Order*, or which meet the non-impairment tests for DS1 or DS3 loops under the standards set forth in that Order, taking into effect certain commitments that were subsequently adopted by the Commission as conditions in Case 05-C-0237*****. If the Telephone Company challenges such certification, and if it is determined, after completion of the applicable dispute resolution process, that the TC was not entitled to unbundled access to such element or elements, then the TC will be backbilled to the date on which the element was first provisioned, in the amount of the difference between the rate applicable to unbundled access to the network element in question and the rate that would otherwise be charged for the use of that element. (C)* (C)*

***** Changes to be implemented on February 3, 2006

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(C) Implementation of Triennial Review Remand Order (Cont'd)
(1) General (Cont'd)

(e) Notwithstanding subparagraph (d) preceding, the Telephone Company is not required to provide, and will not process: (1) orders for DS1 unbundled dedicated transport between wire centers each of which is marked "Yes" in the Tier 1 column of Appendix E; (2) orders for DS3 unbundled dedicated transport or dark fiber transport, between any wire center that is marked "Yes" in either the Tier 1 column or the Tier 2 column of Appendix E, and any other wire center that is marked "Yes" in either of such columns; (3) orders for DS1 unbundled loops in wire centers marked "Yes" in the DS1 Loop column of Appendix E; and (4) orders for DS3 unbundled loops in wire centers marked "Yes" in the DS3 Loop column of Appendix E.

(f) Treatment of Certain Unbundled Loop and Dedicated Transport Arrangements. (N)

(1) This subparagraph (f) sets forth provisions applicable to DS1, DS3, and dark fiber loop and dedicated transport arrangements that would be available on an unbundled basis under the version of Appendix E to this tariff that is in effect as of March 1, 2006, but that would not be available under tariff amendments to Appendix E (the "Amendments") that are scheduled to take effect on June 12, 2006 (that is, 120 days after actual notice of the tariff filing was provided to TCs). Such arrangements are referred to herein as "Additional Non-Impaired Arrangements." For convenience and clarity, a copy of Appendix E, as it would be modified by the Amendments, is provided in Appendix F to this tariff. The Amendments would add six new wire centers to Appendix E, and would make certain classification changes in two wire centers that are included in the version of Appendix E that is in effect as of March 1, 2006. As of the date on which this subparagraph (f) is being filed, the Amendments are under review by the Commission.

(2) Notwithstanding subparagraph (d), preceding, the Telephone Company is not required to provide, and will not process orders for, Additional Non-Impaired Arrangements on or after the effective date of this filing (that is, April 13, 2006).

(3) Any Additional Non-Impaired Arrangements that were ordered by a TC and provisioned by the Telephone Company as unbundled DS1 or DS3 facilities, and that remain in service as of the effective date of this filing (that is, as of April 13, 2006), will be subject to the Transition Plans and Post-Transition Arrangements described in §§ 5.1.1.1(C)(2)(a)(ii), 5.1.1.1(C)(2)(b)(ii), 5.1.1.1(C)(2)(d), 5.1.1.1(C)(3)(b)(ii), 5.1.1.1(C)(3)(c)(ii), and 5.1.1.1(C)(3)(e), following, except that the transition period for Additional Non-Impaired Arrangements only will end 120 days after actual notice of the Amendments was provided to TCs (that is, on June 12, 2006), and the availability of new Additional Non-Impaired Arrangements will be governed by subparagraph (f)(2) preceding.

(4) Any Additional Non-Impaired Arrangements that were ordered by a TC and provisioned by the Telephone Company as unbundled dark fiber facilities, and that remain in service as of April 13, 2006, will be subject to the Transition Plans and Post-Transition Arrangements described in §§ 5.1.1.1(C)(2)(c)(ii), 5.1.1.1(C)(2)(d)(i), 5.1.1.1(C)(3)(d)(ii), and 5.1.1.1(C)(3)(e)(i), with no change in the end date of the specified 18-month transition period, and the availability of new Additional Non-Impaired Arrangements for dark fiber dedicated transport will be governed by subparagraph (f)(2) preceding. (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(C) Implementation of Triennial Review Remand Order (Cont'd)
(1) General (Cont'd)

(g) Treatment of Certain Unbundled Loop and Dedicated Transport Arrangements. ┐

(1) This subparagraph (g) sets forth provisions applicable to DS1, DS3, and dark fiber dedicated transport arrangements that would be available on an unbundled basis under the version of Appendix E to this tariff that is in effect as of the filing date for this § 5.1.1.1(C)(1)(g), but that would not be available under tariff amendments to Appendix E that are being filed together with this section. Such arrangements are referred to herein as "Additional Non-Impaired Arrangements."

(2) Notwithstanding subparagraph (d), preceding, the Telephone Company is not required to provide, and will not process orders for, Additional Non-Impaired Arrangements on or after January 15, 2009. (N)

(3) Any Additional Non-Impaired Arrangements that were ordered by a TC and provisioned by the Telephone Company, and that remain in service as of the effective date of this filing, will be subject to the Transition Plans and Post-Transition Arrangements described in §§ 5.1.1.1(C)(3)(b)(ii), 5.1.1.1(C)(3)(c)(ii), 5.1.1.1(C)(3)(d)(ii), and 5.1.1.1(C)(3)(e)(i) and (ii), following, as applicable, except that the transition period for Additional Non-Impaired Arrangements only will end on March 31, 2009, and the availability of new Additional Non-Impaired Arrangements will be governed by subparagraph (g)(2) preceding. ┘

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(C) Implementation of Triennial Review Remand Order (Cont'd)

(2) Loops

(a) DS1 Loops

(i) Limitations on Unbundling Obligation

Notwithstanding any other provision of this tariff, and subject to the transition plan described in § 5.1.1.1(C)(2)(a)(ii), below, the Telephone Company will not provide unbundled access to DS1 loops to any extent beyond that required by 47 C.F.R. § 51.319(a)(4)(i), as in effect on and after March 11, 2005. Moreover, pursuant to *id.* § 51.319(a)(4)(ii), as in effect on and after such date, a requesting TC may not obtain more than ten unbundled DS1 loops to any single building in which DS1 loops are available as unbundled loops.

(ii) Transition Plan

During a transition period ending on March 10, 2006, any DS1 loop UNEs that a TC has previously leased from the Telephone Company, but which the Telephone Company is not obligated to unbundle pursuant to § 5.1.1.1(C)(2)(a)(i), above, shall be available for lease from the Telephone Company at a rate equal to the higher of (1) 115% of the rate the requesting TC paid for the loop element on June 15, 2004, or (2) 115% of the rate the Commission has established or establishes between June 16, 2004 and March 11, 2005, for that loop element. Where the Telephone Company is not required to provide unbundled DS1 loops pursuant to § 5.1.1.1(C)(2)(a)(i), above, requesting TCs may not obtain new DS1 loops as unbundled network elements on or after March 11, 2005. (C) (C)

(b) DS3 Loops

(i) Limitations on Unbundling Obligation

Notwithstanding any other provision of this tariff, and subject to the transition plan described in § 5.1.1.1(C)(2)(b)(ii), below, the Telephone Company will not provide unbundled access to DS3 loops to any extent beyond that required by 47 C.F.R. § 51.319(a)(5)(i), as in effect on and after March 11, 2005. Moreover, pursuant to *id.* § 51.319(a)(5)(ii), as in effect on and after such date, a requesting TC may not obtain more than a single unbundled DS3 loop to any single building in which DS3 loops are available as unbundled loops.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(C) Implementation of Triennial Review Remand Order (Cont'd)
(2) Loops (Cont'd)
(b) DS3 Loops (Cont'd)

(ii) Transition Plan

During a transition period ending on March 10, 2006, any DS3 loop UNEs that a TC has previously leased from the Telephone Company, but which the Telephone Company is not obligated to unbundle pursuant to § 5.1.1.1(C)(2)(b)(i), above, shall be available for lease from the Telephone Company at a rate equal to the higher of (1) 115% of the rate the requesting TC paid for the loop element on June 15, 2004, or (2) 115% of the rate the Commission has established or establishes, if any, between June 16, 2004 and March 11, 2005 for that loop element. Where the Telephone Company is not required to provide unbundled DS3 loops pursuant to paragraphs § 5.1.1.1(C)(2)(b)(i), above, requesting TCs may not obtain new DS3 loops as unbundled network elements on or after March 11, 2005. (C) (C)

(c) Dark Fiber Loops

(i) Limitations on Unbundling Obligation

Notwithstanding any other provision of this tariff, and subject to the transition plan described in § 5.1.1.1(C)(2)(c)(ii), below, the Telephone Company will not provide requesting TCs with access to dark fiber loops on an unbundled basis. For purpose of this § 5.1.1.1(C)(2)(c)(i), "dark fiber" is fiber within an existing fiber optic cable that has not yet been activated through optronics to render it capable of carrying communications services.

(ii) Transition Plan

During a transition period ending on September 10, 2006, any dark fiber loop UNEs that a TC has previously leased from the Telephone Company shall be available for lease from the Telephone Company at a rate equal to the higher of (1) 115% of the rate the requesting TC paid for the loop element on June 15, 2004, or (2) 115% of the rate the Commission has established or establishes, if any, between June 16, 2004 and March 11, 2005 for that loop element. Requesting TCs may not obtain new dark fiber loops as unbundled network elements on or after March 11, 2005. (C) (C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(C) Implementation of Triennial Review Remand Order (Cont'd)
(2) Loops (Cont'd)
(d) Post-Transition Arrangements

(i) TCs that have unbundled UNE loop arrangements in place, that would not be available as unbundled loops pursuant to §§ 5.1.1.1(C)(2)(a)(i), (b)(i), or (c)(i), above, must discontinue such arrangements, or else must convert them to alternative serving arrangements where such alternative arrangements are available from the Telephone Company. Orders for such discontinuance or conversion should be placed early enough, in light of the applicable provisioning intervals, to ensure that the orders can be fulfilled by the end of the transition period. If the TC places the order for conversion of such UNE loops prior to end of the transition period, and the Telephone Company is not able to complete the order before the end of the transition period, the Telephone Company will continue to provide the service beyond the transition period until the order is completed at the applicable rates for analogous non-UNE services. If the TC does not place orders before the end of the transition period to discontinue or convert any such unbundled loop arrangements, the arrangements will be disconnected at the end of the transition period. (C)

(ii) As an alternative to disconnection at the end of the transition period of any remaining DS1 or DS3 Loops which would not be available on an unbundled basis pursuant to §§ 5.1.1.1(C)(2)(a)(i) or (b)(i), above, the Telephone Company may, in its sole discretion, elect to convert such Loops as of the end of the transition period to the non-UNE (i.e., tariffed special access) arrangements that the Telephone Company, in its sole discretion, determines to be analogous to the discontinued DS1 and DS3 Loops, and the applicable rates (i.e., month-to-month rate, unless a different rate applies under an applicable special access term/volume plan or other applicable special access tariff arrangement in which the TC is already enrolled), terms, and conditions of such tariffed special access arrangements shall apply effective as of the end of the transition period. If the Telephone Company does not complete the actual conversion as of the end date of the transition period, then as of that date and during any period prior to completion of the actual conversion, the Telephone Company, in its sole discretion, may re-price the discontinued DS1 and DS3 Loops by application of the rates (i.e., month-to-month rate, unless a different rate applies under an applicable special access term/volume plan or other applicable special access tariff arrangement in which the TC is already enrolled), that apply to the tariffed special access arrangement that the Telephone Company, in its sole discretion, determines to be analogous to the discontinued DS1 and DS3 Loops. Under no circumstances will the Telephone Company be required to elect the above options, and it reserves its right to disconnect any such remaining DS1 or DS3 Loops at the end of the transition period. (N) (N)

(3) Dedicated Transport
(a) Definitions

For purposes of this § 5.1.1.1(C)(3), the term "route" is as defined in 47 C.F.R. § 51.319(e) (introductory paragraph) and the term "dedicated transport" is as defined in *id.* § 51.319(e)(1).

(b) DS1 Dedicated Transport
(i) Limitations on Unbundling Obligations

Notwithstanding any other provision of this tariff, and subject to the transition plan set forth in § 5.1.1.1(C)(3)(b)(ii) below, the Telephone Company will not provide unbundled access to

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(C) Implementation of Triennial Review Remand Order (Cont'd)
(3) Dedicated Transport (Cont'd)
(b) DS1 Dedicated Transport (Cont'd)
(i) Limitations on Unbundling Obligations (Cont'd)

DS1 dedicated transport, as defined in the introductory paragraph of 47 C.F.R. § 51.319(e)(2)(ii), to an extent beyond that required by *id.* § 51.319(e)(2)(ii)(A), as in effect on and after March 11, 2005. Moreover, pursuant to *id.* § 51.319(e)(2)(ii)(B) as in effect on and after such date, a requesting TC may not obtain more than ten unbundled DS1 dedicated transport circuits on each route where DS1 dedicated transport, but not DS3 dedicated transport, is available on an unbundled basis.

(ii) Transition Plan

During a transition period ending on March 10, 2006, any DS1 dedicated transport UNE that a TC has previously leased from the Telephone Company, but which the Telephone Company is not obligated to unbundle pursuant to § 5.1.1.1(C)(3)(b)(i), above, shall be available for lease from the Telephone Company at a rate equal to the higher of (1) 115 percent of the rate the requesting TC paid for the dedicated transport element on June 15, 2004, or (2) 115 percent of the rate the Commission has established or establishes, if any, between June 16, 2004, and March 11, 2005, for that dedicated transport element. Where the Telephone Company is not required to provide unbundled DS1 transport pursuant to § 5.1.1.1(C)(3)(b)(i), above, requesting TCs may not obtain new DS1 transport as unbundled network elements on or after March 11, 2005. (C) (C)

(c) DS3 Dedicated Transport

(i) Limitations on Unbundling Obligation

Notwithstanding any other provision of this tariff, and subject to the transition plan set forth in § 5.1.1.1(C)(3)(c)(ii) below, the Telephone Company will not provide unbundled access to DS3 dedicated transport, as defined in the introductory paragraph of 47 C.F.R. § 51.319(e)(2)(iii), to an extent beyond that required by *id.* §§ 51.319(e)(2)(iii)(A), as in effect on and after March 11, 2005. Moreover, pursuant to *id.* § 51.319(e)(2)(iii)(B) as in effect on and after such date, a requesting TC may not obtain more than 12 unbundled DS3 dedicated transport circuits on each route where DS3 dedicated transport is available on an unbundled basis.

(ii) Transition Plan

During a transition period ending on March 10, 2006, any DS3 dedicated transport UNE that a TC has previously leased from the Telephone Company, but which the Telephone Company is not obligated to unbundle pursuant to § 5.1.1.1(C)(3)(c)(i), above, shall be available for lease from the Telephone Company at a rate equal to the higher of (1) 115 percent of the rate the requesting TC paid for the dedicated transport element on June 15, 2004, or (2) 115 percent of the rate the Commission has established or establishes, if any, between June 16, 2004, and March 11, 2005, for that dedicated transport element. Where the Telephone Company is not required to provide unbundled DS3 transport pursuant to § 5.1.1.1(C)(3)(c)(i), above, requesting TCs may not obtain new DS3 transport as unbundled network elements on or after March 11, 2005. (C) (C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(C) Implementation of Triennial Review Remand Order (Cont'd)
(3) Dedicated Transport (Cont'd)

(d) Dark Fiber Dedicated Transport

(i) Limitations on Unbundling Obligation

Notwithstanding any other provision of this tariff, and subject to the transition plan set forth in § 5.1.1.1(C)(3)(d)(ii) below, the Telephone Company will not provide unbundled access to dark fiber dedicated transport, as defined in the introductory paragraph of 47 C.F.R. § 51.319(e)(2)(iv), to an extent beyond that required by *id.* §§ 51.319(e)(2)(iv)(A), as in effect on and after March 11, 2005.

(ii) Transition Plan

During a transition period ending on September 10, 2006, any dark fiber dedicated transport UNE that a TC has previously leased from the Telephone Company, but which the Telephone Company is not obligated to unbundle pursuant to § 5.1.1.1(C)(3)(d)(i), above, shall be available for lease from the Telephone Company at a rate equal to the higher of (1) 115 percent of the rate the requesting TC paid for the dedicated transport element on June 15, 2004, or (2) 115 percent of the rate the Commission has established or establishes, if any, between June 16, 2004, and March 11, 2005, for that dedicated transport element. Where the Telephone Company is not required to provide unbundled dark fiber transport pursuant to § 5.1.1.1(C)(3)(d)(i), above, requesting TCs may not obtain new dark fiber transport as unbundled network elements on or after March 11, 2005. (C) (C)

(e) Post-Transition Arrangements for Unbundled DS1, DS3 or Dark Fiber Dedicated Transport

(i) TCs that have unbundled UNE DS1, DS3, or dark fiber dedicated transport arrangements in place at the beginning of the transition periods described in §§ 5.1.1.1(C)(3)(b)(ii), (c)(ii), and (d)(ii), above, that would not be available on an unbundled basis pursuant to §§ 5.1.1.1(C)(3)(b)(i), (c)(i), or (d)(i), above, must discontinue such arrangements or convert them to alternative serving arrangements, where such alternative arrangements are available from the Telephone Company. Orders for such discontinuance or conversion should be placed early enough, in light of the applicable provisioning intervals, to ensure that the orders can be fulfilled by the end of the transition period. If the TC places the order for conversion of such UNE dedicated transport arrangements prior to end of the transition period, and the Telephone Company is not able to complete the order before the end of the transition period, the Telephone Company will continue to provide the service beyond the transition period until the order is completed at the applicable rates for analogous non-UNE services. If the TC does not place orders before the end of the transition period to discontinue or convert any such unbundled dedicated transport arrangements, the arrangements will be disconnected at the end of the transition period. (T)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(C) Implementation of Triennial Review Remand Order (Cont'd)
(3) Dedicated Transport (Cont'd)
(e) Post-Transition Arrangements for Unbundled DS1, DS3 or Dark Fiber Dedicated Transport (Cont'd)

(ii) As an alternative to disconnection at the end of the transition period of any remaining DS1 or DS3 Dedicated Transport arrangements which would not be available on an unbundled basis pursuant to §§ 5.1.1.1(C)(3)(b)(i) or (c)(i), above, the Telephone Company may, in its sole discretion, elect to convert such arrangements as of the end of the transition period to the non-UNE (*i.e.*, tariffed special access) arrangements that the Telephone Company, in its sole discretion, determines to be analogous to the discontinued DS1 and DS3 Dedicated Transport arrangements, and the applicable rates (i.e., month-to-month rate, unless a different rate applies under an applicable special access term/volume plan or other applicable special access tariff arrangement in which the TC is already enrolled), terms, and conditions of such tariffed special access arrangements shall apply effective as of the end of the transition period. If the Telephone Company does not complete the actual conversion as of the end date of the transition period, then as of that date and during any period prior to completion of the actual conversion, the Telephone Company, in its sole discretion, may re-price the discontinued DS1 and DS3 Dedicated Transport arrangements by application of the rates rates (i.e., month-to-month rate, unless a different rate applies under an applicable special access term/volume plan or other applicable special access tariff arrangement in which the TC is already enrolled), that apply to the tariffed special access arrangement that the Telephone Company, in its sole discretion, determines to be analogous to the discontinued arrangements. Under no circumstances will the Telephone Company be required to elect the above options, and it reserves its right to disconnect any such remaining DS1 or DS3 Dedicated Transport arrangements at the end of the transition period. (N)

(f) Entrance Facilities

(i) Notwithstanding any other provision of this tariff, the Telephone Company will not provide a requesting TC with unbundled access to entrance facilities on or after September 18, 2005. Entrance facilities are dedicated transport facilities that do not connect a pair of Telephone Company wire centers or switches.

(ii) TCs that have unbundled entrance facilities in place as of the effective date of this tariff must discontinue such arrangements or convert them to alternative serving arrangements, where such alternative arrangements are available from the Telephone Company. Orders for such discontinuance or conversion must be placed early enough, in light of the applicable provisioning intervals, to ensure that the orders can be fulfilled by September 18, 2005. Any entrance facilities that are not disconnected or converted to alternative facilities by September 18, 2005 will be billed on and after such date at rates equivalent to the applicable month-to-month special access rates available under Verizon's tariffs, and will no longer be treated as unbundled facilities.

(iii) Nothing in this § 5.1.1.1(C)(3)(f) shall repeal, limit, or impair in any way the provisions of § 5.20.1.2 relating to Dark Fiber Channel Terminations.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(C) Implementation of Triennial Review Remand Order (Cont'd)

(4) Local Circuit Switching: In General

(a) Limitations on Unbundling Obligation

Notwithstanding any other provision of this tariff — but subject to (i) the transition plan described in § 5.1.1.1(C)(4)(b), below, and (ii), the PFS Implementation regulations set forth in § 5.1.1.1(C)(5), below — the Telephone Company will not provide access to local circuit switching on an unbundled basis to requesting TCs for the purpose of serving end-user customers using DS0 capacity loops, including the provision of ISDN-BRI Service over such loops ("DS0 Local Circuit Switching"), regardless of the number of such DS0-capacity loops provided at any given location or to any particular customer. Nothing in this section § 5.1.1.1(C)(4), or in § 5.1.1.1(C)(5), below, shall apply to DS0 Local Circuit Switching arrangements which the Telephone Company was not required to provide on an unbundled basis prior to March 11, 2005, pursuant to the four-line "carve-outs" provided for by §§ 5.12.3(B)(3) and (B)(4) of this tariff. (C)

(b) Transition Plan

(i) Each requesting TC shall migrate its embedded base of end-user customers off of the unbundled DS0 Local Circuit Switching element to alternative arrangements by March 10, 2006.

(ii) Notwithstanding § 5.1.1.1(C)(4)(a), above, for a 12-month transition period from March 11, 2005, the Telephone Company shall provide access to DS0 Local Circuit Switching on an unbundled basis for a requesting carrier to serve its embedded base of end-user customers. For purposes of this § 5.1.1.1(C)(4)(b)(ii), serving a TC's embedded base does not include placing orders for new unbundled DS0 Local Circuit Switching arrangements, whether or not used to serve existing customers, nor does it include "moves" that involve the disconnection of an existing DS0 Local Circuit Switching arrangement and the re-establishment of such arrangement at a different location. The price for unbundled DS0 Local Circuit Switching in combination with unbundled DS0 capacity loops and shared transport obtained pursuant to this paragraph shall be the higher of: (A) the rate at which the requesting TC obtained that combination of network elements on June 15, 2004 plus one dollar, or (B) the rate the Commission establishes, if any, between June 16, 2004, and March 11, 2005, for that combination of network elements, plus one dollar. Requesting TCs may not obtain new DS0 Local Circuit Switching as an unbundled network element on or after March 11, 2005.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(C) Implementation of Triennial Review Remand Order (Cont'd)
(4) Local Circuit Switching (Cont'd)
(c) Post-Transition Arrangements

(i) TCs that have unbundled DS0 Local Circuit Switching arrangements in place as of March 11, 2005 must discontinue such arrangements or convert them to alternative serving arrangements. Orders for such discontinuance or conversion must be placed early enough, in light of the applicable provisioning intervals, to ensure that the orders can be fulfilled by the end of the transition period. Subject to subparagraph (ii), following, if the TC does not place timely orders to discontinue or convert any such DS0 Local Circuit Switching arrangements, the arrangements will be discontinued by the Telephone Company at the end of the transition period.

(ii) As an alternative to discontinuance of remaining unbundled DS0 Local Circuit Switching arrangements at the end of the transition period, the Telephone Company may, in its sole discretion, elect one of the options listed below. Under no circumstances will the Telephone Company be required to elect any of the listed options, and it reserves its right to discontinue any remaining unbundled DS0 Local Circuit Switching arrangements at the end of the transition period.

(A) Option 1: The Telephone Company may elect to convert unbundled DS0 Local Circuit Switching arrangements that are in place at the end of the transition period to non-UNE local circuit switching arrangements. Such arrangements will be priced at the rates applicable to unbundled DS0 Local Circuit Switching arrangements under the transitional pricing described in §. 5.1.1.1(C)(4)(b) preceding, with the addition of the per-DS0 surcharge, listed below in this section. Such conversion will take place on or about March 11, 2006. (C) (C)

	Monthly Surcharge Per Arrangement	
	Zone 1A	Zone 1B
DSO Local Circuit Switching Arrangements	$15.73	$11.90
ISDN BRI Arrangements	23.52	18.71

(B) Option 2: The Telephone Company may elect to convert unbundled DS0 Local Circuit Switching arrangements that are in place at the end of the transition period to substantially equivalent resale arrangements. The rates for such resale arrangements will be as set forth in Telephone Company Tariff PSC No. 9. Such conversion will take place on or about March 11, 2006.

(C) Option 3: The Telephone Company may elect to convert remaining unbundled DS0 Local Circuit Switching Arrangements to non-UNE local circuit switching arrangements, as set forth in Option 1, preceding, while reserving its right to convert the non-UNE local circuit switching arrangements to substantially equivalent resale arrangement s, or to discontinue them at a later date. The initial conversion to non-UNE local circuit switching arrangements will take place on or about March 11, 2006.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(C) Implementation of Triennial Review Remand Order (Cont'd)
(4) Local Circuit Switching (Cont'd)
(c) Post-Transition Arrangements (Cont'd)
(ii) (Cont'd)

(D) If the Telephone Company elects to utilize any of the foregoing options, it will provide notice of such election by February 11, 2006 to any TCs with remaining unbundled DS0 Local Circuit Switching arrangements in service. If the Telephone Company elects Option 3, it will additionally provide thirty days' advance notice of any subsequent election to convert non-UNE local circuit switching arrangements to resale arrangements, or to discontinue such arrangements. (N)

(d) Related Elements (M)

Notwithstanding any other provision of this tariff, the Telephone Company will not provide to a requesting TC unbundled elements related to the unbundled DS0 Local Circuit Switching element, as described in 47 C.F.R. § 51.319(d)(4), to an extent beyond that required by such regulation, as in effect on and after March 11, 2005.

(e) Limitations Related to Enterprise Switching Preserved

Nothing in this § 5.1.1.1(C)(4) overrides or alters in any way the limitations on the Telephone Company's obligation to provide unbundled access to certain types of "enterprise" local switching and related elements, as set forth in § 5.1.1.1(A), above. (M)

(M) Material contained herein formerly appeared on Page 1.9.
Certain material formerly on this page has been moved to Page 1.11.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(C) Implementation of Triennial Review Remand Order (Cont'd)

(5) PFS Implementation

This § 5.1.1.1(C)(5) relates to certain commitments contained in the April 5, 1998 "Pre-Filing Statement of Bell Atlantic – New York" (the "PFS").

(a) Definitions For purposes of this § 5.1.1.1(C)(5):

(i) "Zone 1" refers to Zones 1A and 1B, and "Zone 2" refers to Zone 2, as those terms are defined in Appendix A to this Tariff No. 10.

(ii) An "Excluded Central Office" means one of the central offices listed in Appendix D to this Tariff No. 10.

(iii) A "PFS UNE-P Arrangement" is a UNE-P arrangement (a) the line port component of which is either an Analog Line Port – POTS or a Basic Rate ISDN Port, and (b) which is *not* provided to a business customer from an Excluded Central Office.

(b) Additional PFS Obligations in Zone 2. Notwithstanding § 5.1.1.1(C)(4)(a)-(b), above:

(i) Until December 21, 2005, but not afterwards, the Telephone Company will provide requesting TCs with new PFS UNE-P Arrangements in Zone 2, to the extent otherwise available under § 5.12 of this tariff. Such new PFS UNE-P Arrangements, and any PFS UNE-P Arrangements already in effect in Zone 2 as of the effective date of this § 5.1.1.1(C)(5)(b), will be subject to the transitional pricing described in § 5.1.1.1(C)(4)(b), above, through December 21, 2005.

(ii) From December 22, 2005 through March 10, 2006, the transitional pricing described in § 5.1.1.1(C)(4)(b), above, will apply to any remaining PFS UNE-P Arrangements in Zone 2.

(iii) Any PFS UNE-P Arrangements still in place in Zone 2 as of March 11, 2006 will automatically be converted to "UNE-P-like arrangements" on such date. Between March 11, 2006, and December 21, 2007, pricing for any such arrangements will be increased from the transitional pricing described in § 5.1.1.1(C)(4)(b), preceding, to rates equivalent to resale rates. This price increase will be accomplished by applying an additional monthly transition charge to each UNE-P-like arrangement remaining in service in Zone 2, in accordance with the schedule set forth below. Such additional transition charges will apply in addition to all other charges that would otherwise be applicable to such arrangements under the transitional pricing described in § 5.1.1.1(C)(4)(b), preceding. Separate additional transition charges are specified below for voice-grade and ISDN-BRI arrangements. Subject to paragraph (iv), following, any UNE-P-like arrangements remaining in place in Zone 2 as of December 21, 2007 will be discontinued on (or, in the Telephone Company's sole discretion, after) such date. (C) (N)

Period	Additional Transition Charge	
	Voice Grade	ISDN BRI
3/11/06 to 9/10/06	$1.81	$3.18
9/11/06 to 3/10/07	$3.62	$6.36
3/11/07 to 9/10/07	$5.43	$9.54
On and after 9/11/07	$7.24	$12.73 (N)

Certain material formerly on this page now appears on Page 1.11.2.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(C) Implementation of Triennial Review Remand Order (Cont'd)
(5) PFS Implementation (Cont'd)
(b) Additional PFS Obligations in Zone 2. (Cont'd)

(iv) As an alternative to discontinuance of any remaining UNE-P-like arrangements in Zone 2 as of December 21, 2007, the Telephone Company may, in its sole discretion, elect one of the options listed below. Under no circumstances will the Telephone Company be required to elect any of the listed options, and it reserves its right to discontinue any remaining UNE-P-like arrangements in Zone 2 as set forth in paragraph (iii) preceding. (N)

(A) Option 1: The Telephone Company may elect to leave the UNE-P-like arrangements in service, subject to the continued application of the transitional pricing described in § 5.1.1.1(C)(4)(b), above, as well as the additional transitional charges set forth in § 5.1.1.1(C)(5)(b)(iii), preceding, for the period on and after 9/11/07.

(B) Option 2: The Telephone Company may elect to convert the UNE-P-like arrangements to substantially equivalent resale arrangements. The rates and other terms for such resale arrangements will be as set forth in Telephone Company Tariff PSC No. 9.

(C) Option 3: The Telephone Company may elect to leave the remaining UNE-P-like arrangements in service, in accordance with the terms set forth in Option 1, preceding, while reserving its right to convert such arrangements to substantially equivalent resale arrangements provided under the terms set forth in Option 2, preceding, or to discontinue them, at a later date.

(v) If the Telephone Company elects to utilize any of the foregoing options, it will provide notice of such election by November 21, 2007 to any TCs with remaining UNE-P-like arrangements in service in Zone 2. If the Telephone Company elects Option 3, it will additionally provide thirty days' advance notice of any subsequent election to convert the UNE-P-like arrangements to resale arrangements, or to discontinue such arrangements. (N)

Material formerly on this page now appears on Page 1.11.2.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(C) Implementation of Triennial Review Remand Order (Cont'd)
(5) PFS Implementation (Cont'd)
(c) Pricing in Zone 1 (M)

PFS UNE-P Arrangements in place in Zone 1 will be subject to the general provisions for unbundled DS0 Local Circuit Switching that are set forth in § 5.1.1.1(C)(4), above. Thus, between March 11, 2005 and March 10, 2006, such arrangements will be priced in accordance with the transitional pricing described in § 5.1.1.1(C)(4)(b), above. Any such arrangements remaining in place as of March 10, 2006 will be discontinued unless the Telephone Company makes one of the elections described in § 5.1.1.1(C)(4)(c)(ii), above. No new PFS UNE-P Arrangements will be provided in Zone 1 on or after March 11, 2005.

(6) Other Limitations on Unbundled Access

Notwithstanding any other provision of this tariff, a requesting TC may not access an unbundled network element pursuant to this tariff for the exclusive provision of mobile wireless services or interexchange services.

(D) Packet Switching

(1) For avoidance of doubt, this subsection (D) clarifies the Telephone Company's obligations under this tariff with respect to unbundled access to packet switching. For purposes of this subsection, "packet switching" includes "packet switching capability," as defined in 47 C.F.R. § 51.319(a)(2)(i), as well as packet switches, DSLAMs, and any other facilities or equipment that provides such capabilities.

(2) As used in this tariff, (a) terms such as "Unbundled Local Switching," the "Local Switch Element," and "tandem switching"; (b) terms describing the ports, features, routings, usage, and other functionalities and capabilities encompassed within those elements; and (c) terms describing any combinations including those elements, are not intended to refer in whole or in part to packet switching, but rather refer exclusively to circuit switching. Without limiting the generality of the foregoing:

(a) The definition of "[t]he local switch element" in § 5.6.1 of this tariff applies solely to ports, features, routings, and usage associated with circuit switching.

(b) The definition of the "tandem switching network element" in § 5.4.1, following, applies solely to ports and usage associated with circuit switching.

(3) Notwithstanding any other provision of this tariff, the Telephone Company will not provide unbundled access to packet switching, whether alone or in combination, including but not limited to the packet switched features, functions and capabilities of the Telephone Company's hybrid loops (as that term is defined in 47 C.F.R. § 51.319(a)(2)) and fiber-to-the-premises (FTTP) loops.

(4) Nothing in this tariff shall be interpreted to give TCs a right to continued access to unbundled local circuit switching, or to combinations including unbundled local circuit switching, in central offices in which such switching is no longer available, due to decommissioning of the relevant facilities or equipment, replacement by alternative technologies, or any other cause. (M)

Certain material formerly on this page now appears on Page 1.11.3.
Material contained herein formerly appeared on Pages 1.11 and 1.11.1

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)

(E) Feeder Sub-loops

(1) This § 5.1.1.1(E) implements certain provisions of the Federal Communication Commission's *Triennial Review Order* (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) and *Triennial Review Remand Order* relating to feeder sub-loops.

(2) Notwithstanding any other provisions of this tariff, feeder sub-loops (regardless of the technology utilized, and including without limitation copper, dark fiber, and "lit" fiber feeder sub-loops) are no longer available on an unbundled basis under the terms and conditions of this tariff, and the Telephone Company will no longer provision new orders for such sub-loops.

(3) Existing feeder sub-loop facilities (except for dark fiber feeder sub-loop) will be discontinued on May 28, 2005.

(4) Existing dark fiber feeder sub-loop facilities will be discontinued on July 10, 2005.

(F) Implementation of UNE Analog Loop Provisions of the Loop-Resale Forbearance Order]

(1) This paragraph 5.1.1.1(F) implements the actions taken by the FCC in WC Docket 18-141, Petition of USTelecom for Forbearance Pursuant to 47 U.S.C. § 160(c) to Accelerate Investment in Broadband and Next-Generation Networks, Memorandum Opinion and Order (rel. August 2, 2019), with respect to UNE Analog Loops. For purposes of this paragraph and of paragraph 5.1.1.1(H), "UNE Analog Loops" means unbundled two-wire or four-wire analog voice-grade copper loops, by whatever name such loops may be referred to in this Tariff or elsewhere, including, but not limited to, where the term "link" is used in lieu of "loop": (a) whether provided or utilized as stand-alone UNEs, in combination with another UNEs, or commingled with non-UNE services or other arrangements; and (b) whether originally ordered as UNEs or created through the conversion of private line or special access circuits or other services or arrangements. (N)

(2) Notwithstanding any other provisions in this Tariff, including the preceding provisions of this section 5.1.1.1, but subject to the transitional provisions set forth in subparagraphs (3) and (4), below, UNE Analog Loops are not available from Verizon.

(3) New purchases of or conversions to UNE Analog Loops that would be precluded under subparagraph (2), above, but that would otherwise be available under this Tariff, may be made for installations occurring through February 2, 2020, but may not be made for installations occurring after such date.]

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)]
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)

(F) Implementation of UNE Analog Loop Provisions of the Loop-Resale Forbearance Order (Cont'd)

(4) Any UNE Analog Loops purchased as such or created by conversion at any time up to and including February 2, 2020 will continue to be provisioned through August 2, 2022 at the rates set forth in this Tariff, unless discontinued by the customer or terminated by Verizon for any reason authorized by this Tariff or by general regulations applicable to this Tariff (such as non-payment). After such date, Verizon will no longer provide or maintain any UNE Analog Loop.

(5) Nothing in this paragraph 5.1.1.1(F) is intended to expand the availability of UNE Analog Loops or to make such loops available if they would not be available but for this paragraph.

(G) Implementation of the DS1/DS3 Transport Forbearance Order

(1) This paragraph 5.1.1.1(G) implements the actions taken by the FCC in WC Docket 16-143, et al., Business Data Services in an Internet Protocol Environment, et al., Report and Order on Remand and Memorandum Opinion and Order (rel. July 12, 2019), with respect to DS1 and DS3 dedicated transport. (N)

(2) The terms "DS1 dedicated transport," and "DS3 dedicated transport," as used in this paragraph 5.1.1.1(G) and in paragraph 5.1.1.1(H), below, mean unbundled Verizon transmission facilities, within a LATA, between Verizon wire centers or switches (as identified in the LERG), that are dedicated to particular customers or carriers and that provide, respectively, transmission at DS1 or DS3 levels: (a) whether provided or utilized as stand-alone UNEs, in combination with another UNEs, or commingled with non-UNE services or other arrangements; and (b) whether originally ordered as UNEs or created through the conversion of private line or special access circuits or other services of arrangements.]

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)]
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)

(G) Implementation of the DS1/DS3 Transport Forbearance Order (Cont'd)

(3) For purposes of this paragraph: (a) a "Tier 1" wire center is a Verizon wire center identified as such (by a "Yes" in the column headed "Tier 1") in Appendix F to this Tariff; (b) a "Tier 2" wire center is a Verizon wire center identified as such (by a "Yes" in the column headed "Tier 2") in Appendix F to this Tariff; (c) a "Tier 3" wire center is a Verizon wire center not identified as a Tier 1 or a Tier 2 wire center in Appendix F to this Tariff, including a Verizon wire center not listed in such Appendix; (d) a dedicated transport "route" is as defined in 47 CFR § 319(d); (e) the two Verizon wire centers at either end of a dedicated transport route are the "endpoints" of the route; (f) the "DS3 triggering endpoint(s)" for a DS3 dedicated transport route are those endpoints of the route that are Tier 3 wire centers; and (g) the "DS1 triggering endpoint(s)" for a DS1 dedicated transport route are those endpoints that are either Tier 2 or Tier 3 wire centers. Pursuant to paragraph 5.1.1.1(C)(1) of this Tariff, above, dedicated DS1 transport is not available on an unbundled basis on any route neither of whose endpoints is a DS1 triggering endpoint, and dedicated DS3 transport is not available on an unbundled basis on any route neither of whose endpoints is a DS3 triggering endpoint.

(4) Notwithstanding any other provisions in this Tariff, including the preceding provisions of section 5.1.1.1, but subject to the transitional provisions set forth in subparagraphs (5) and (6), below, DS1 dedicated transport along a route is not available from Verizon where competitive fiber is present within one-half mile of each DS1 triggering endpoint of the route; and DS3 dedicated transport along a route is not available from Verizon where competitive fiber is present within one-half mile of each DS3 triggering endpoint of the route. For purposes of this paragraph, the wire centers for which competitive fiber is available within one-half mile are those listed in an August 1, 2019 Public Release of the FCC's Wireline Competition Bureau in WC Docket 18-141 (including any subsequent additions or modifications made to such list). For ready reference, the Verizon New York Inc. wire centers in New York State listed in such Public Release are the following: (N)

AKRNNYAK	ALBNNYAI	ALBYNYGD	ALBYNYWA	ALDNNYAD	ALMTNYAL
AMBRNYAB	AMENNYAN	AMSTNYPE	ANGENYAG	ANGLNYAO	ARCDNYAE
ARGYNYAY	ARPTNYAR	ARVGNYAV	ATTCNYAT	ATWPNYAW	AUBNNYAU
AVOCNYAC	AVPKNYAV	AXBANYAX	BALSNYBA	BATHNYBH	BATVNYBT
BAVLNYBV	BBYLNYBN	BDVGNYBV	BECNNYBE	BERNNYBR	BFLONYBA
BFLONYEL	BFLONYMA	BFLONYSP	BGFLNYBF	BLFSNYBZ	BLLNNYBG
BLMTNYBM	BLRVNYBC	BLSSNYBS	BLVRNYBX	BNGHNYHY	BNGHNYRO
BNVDNYBD	BRKRNYBK	BRWSNYBW	BSTNNYBN	BYRNNYBY	BYSHNYBY

]

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)]
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)

(G) Implementation of the DS1/DS3 Transport Forbearance Order (Cont'd)

(4) New York Wire Centers (Cont'd)

CANSNYCZ	CBLSNYZB	CHCKNYCE	CHKTNYFR	CHPQNYCP	CHTGNYZH
CHVYNYZV	CICRNYCJ	CLAYNYOS	CLCNNYCN	CLCRNYCC	CLCTNYCC
CLEVNYCE	CLNCNYBA	CLPKNYCP	CLTNNYZI	CLVLNYCK	CLYDNYCY
CMBRNYCM	CMDNNYZM	CMLSNYID	CMLSNYON	CMMKNYCM	CMPBNYCP
CNBRNYCD	CNDLNYCL	CNGRNYCN	CNSRNYCX	CNSTNYZA	CNTNNYZO
CNTTNYCI	COTNNY56	CPNHNYZP	CPTWNYZW	CRHDNYCH	CRLDNYCR
CRMLNYCL	CRNGNYCG	CRNWNYCW	CRTHNYZG	CSPPNYCS	CSTNNYCS
CTBRNYCB	CTCHNYCU	CTNGNYCH	CTONNYZN	CTRGNYSO	CTSKNYCT
CUBANYEM	CYTNNYZY	DBFYNYDF	DLGVNYDG	DLMRNYDA	DLSNNYDL
DNKRNYDK	DNMRNYDN	DRBYNYDB	DRPKNYDP	DVPLNYDP	DVPTNYDT
EAURNYEA	EDENNYED	EDTNNYET	EGLVNYGL	EGNBNYEG	ELBANYEB
ELCVNYEV	ELDPNYEU	ELVLNYEL	EMIRNYEM	ENDCNYEN	ENPTNYEN
ESPRNYER	EVMLNYEI	EZTWNYEZ	FABSNYFB	FKVLNYFK	FLBGNYFB
FLPKNYFP	FRPTNYFP	FRSHNYFS	FSHKNYLD	FSVLNYFL	FTANNYFA
FTCVNYFC	FYTTNYFY	FYVLNYFV	GDISNYGI	GENVNYGN	GHVLNYGH (N)
GLCVNYGC	GLFLNYGF	GLWYNYGW	GNBGNYFV	GNWCNYGW	GPTSNYGP
GRCTNYGC	GRLKNYGL	GRNKNYGN	GRSNNYGA	GRTNNYGT	GRVINYGE
GSPTNYGP	GVRNNYGO	GWNDNYGD	HAGUNYHQ	HBRTNYHZ	HCVLNYHV
HDFLNYMS	HDSNNYHD	HGLDNYHG	HHFLNYHF	HIFLNYHF	HLLDNYHO
HLLYNYHE	HMBGNYHB	HMPSNYHS	HMTNNYHA	HNDLNYHI	HNSTNYHU
HNTRNYHN	HOMRNYHM	HRFRNYHR	HRKMNYHC	HRNLNYHL	HRSNNYHN
HRVLNYHV	HRWKNYHW	HSFLNYHS	HSHDNYHH	HVTNNYHX	HYPKNYHK
ILINNYIL	ITHCNYIH	ITHCNYPG	JAVANYJA	JFVLNYJF	JHCYNYJC
JNVLNYJV	JRDNNYJD	KENDNYKD	KGTNNYKG	KTBANYKB	KTNHNYKA
LBRTNYLB	LCPTNYLK	LFRVNYLE	LFYTNYLF	LHSTNYLH	LKGRNYLR
LKHNNYLH	LKKTNYLK	LKPCNYLA	LMSTNYLM	LNBHNYLB	LNCSNYLC
LNDYNYLN	LNNGNYLG	LRMTNYLA	LSTNNYLW	LTFLNYLS	LTHMNYTS
LTVYNYLI	LVMNNYLV	LVTWNYLT	LYNSNYLY	LYVLNYLL	MACDNYMC
MAINNYME	MALNNYMM	MARNNYMR	MARVNYMV	MCDGNYMD	MCGRNYMG
MCHSNYMA	MCHVNYMC	MCLNNYMZ	MDPTNYMP	MDRDNYMK	MEDNNYPA
MEXCNYMX	MHPCNYMP	MINONYMI	MIVLNYNV	MLBKNYML	MLFRNYMU
MLTNNYMN	MMRNNYMA	MNHSNYMH	MNTINYMT	MNTKNYMT	MOIRNYMY
MORVNYMO	MRBONYMB	MRTWNYMW	MSPQNYMP	MSSNNYMQ	MTKSNYMK
MTVRNYMV	NCHLNYNL	NCLNNYNO	NCLVNYNC	NGFLNY76	NGFLNYPO]

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)]
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)

(G) Implementation of the DS1/DS3 Transport Forbearance Order (Cont'd)

(4) New York Wire Centers (Cont'd)

NGFLNYWO	NGRNNYNG	NRFLNYNO	NROSNYNR	NRWDNYND	NSYRNYNS
NWBRNYNW	NWBRNYWT	NWCYNYNC	NWFDNYNF	NWFNNYMA	NWPLNYNP
NWRCNYNR	NWRKNYNK	NWWNNYNW	NYACNYNK	NYCKNY14	NYCKNY71
NYCKNY77	NYCKNYAL	NYCKNYAR	NYCKNYAU	NYCKNYAY	NYCKNYBU
NYCKNYCL	NYCKNYFA	NYCKNYFT	NYCKNYKP	NYCKNYRA	NYCMNYCA
NYCMNYMN	NYCMNYPS	NYCMNYTH	NYCMNYWA	NYCQNYAS	NYCQNYBA
NYCQNYBH	NYCQNYFL	NYCQNYFR	NYCQNYHS	NYCQNYLN	NYCQNYNJ
NYCQNYNW	NYCQNYOP	NYCRNYND	NYCRNYNS	NYCRNYWS	NYCXNYCR
NYCXNYGC	NYCXNYMH	NYCXNYTR	OGBGNYOG	OKFDNYOK	OLENNYHA
ONEDNYOD	ONNTNYOA	ONTRNYON	ORBGNYOB	ORPKNYST	OSNGNYOS
OSWGNYOS	OTEGNYOT	OWEGNYOW	OYBANYOY	PASNNYPN	PCHGNYPH
PERUNYPE	PGHKNYSH	PGHKNYSP	PHLANYPF	PHNCNYPH	PJSTNYPJ
PKSKNYPS	PLBGNYPB	PLMYNYPY	PLVLNYPL	PLVWNYPV	PNYNNYPN
POMNNYPO	PPRGNYPP	PRDYNYPD	PRISNYPA	PRRVNYNP	PRTVNYPV (N)
PSVLNYPV	PTCHNYPC	PTHNNYPO	PTSDNYPS	PTTWNYPI	PTWANYPW
PVYDNYPD	PWNGNYSS	RCSPNYRS	RCVLNYRH	RDCKNYRC	RNKNNYRN
RNLKNYRL	RODLNYRD	ROMENYRM	RSLNNYRO	RSVLNYRV	RVHDNYRV
SALMNYSM	SAVNNYSN	SBTHNYSB	SCDLNYSR	SCHNNYSC	SCHRNYQH
SCHVNYQN	SCLKNYQK	SDTNNYPI	SFRNNYSU	SGHRNYSG	SGRTNYSG
SHHMNYSH	SHKNNYSK	SHSPNYQS	SHVLNYSV	SKNTNYSE	SLCKNYSI
SLDNNYSE	SLMNNYWW	SLTSNYSL	SMFRNYQM	SMTWNYSM	SNFLNYSL
SODSNYSD	SPVLNYWM	SPVYNYSV	SRFLNYQR	SRLKNYQL	SRNCNYQC
SRSPNYSR	SSCHNYSO	SSLMNYSS	STKTNYSK	SYBHNYQY	SYOSNYSY
SYRCNYDD	SYRCNYEP	SYRCNYGS	SYRCNYJS	SYRCNYSA	SYVLNYSA
TCNDNYTI	THRSNYTH	TKHONYTU	TLLYNYTY	TNVLNYTN	TNWNNYTW
TPLKNYTL	TROYNY03	TROYNY04	TRTWNYTT	UNSPNYUS	UTICNYUT
VLFLNYVF	VRBGNYVB	VRHVNYVR	WBYNNYWE	WDMRNYFR	WDPTNYWT
WDSTNYWS	WDTNNYWY	WHBHNYWB	WHBONYWP	WHLKNYWH	WHTHNYUH
WHVRNYWH	WLBONYUB	WLCTNYWC	WLSNNYME	WLVLNYNM	WMSNNYWN
WNDLNYWD	WNKHNYWK	WNTGNYWT	WPFLNYWF	WRBGNYWU	WRCSNYUC
WSNCNYUN	WTGLNYWG	WTPTNYWR	WTRLNYWT	WTTWNYUN	WVRLNYWV
WWVLNYWW	YNKRNYYN	YNTWNYYT	YPHNNYYA	YRTWNYYT	]

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)]
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)

(G) Implementation of the DS1/DS3 Transport Forbearance Order (Cont'd)

(5) New purchases of or conversions to DS1 or DS3 dedicated transport that would be precluded under subparagraph (4), above, but that would otherwise be available under this Tariff, may be made through January 12, 2020, but may not be made after such date.

(6) Any DS1 or DS3 dedicated transport purchased as such or created by conversion on or before January 12, 2020 will continue to be provisioned through July 12, 2022 at the rates set forth in this Tariff, unless such transport is discontinued by the customer or terminated by Verizon for any reason authorized by this Tariff or by general regulations applicable to this Tariff (such as non-payment). After such date, Verizon will no longer provide or maintain any DS1 or DS3 dedicated transport precluded by subparagraph (4), above.

(7) Nothing in this paragraph 5.1.1.1(G) is intended to expand the availability of DS1 or DS3 transport or to make such transport available if it would not be available but for this paragraph. (N)

(H) Replacement Arrangements

(1) Where any UNE Analog Loops, DS1 dedicated transport, or DS3 dedicated transport (each of the foregoing, a "Discontinued UNE") are no longer available under the terms of paragraphs 5.1.1.1(F) or 5.1.1.1(G), above, and the customer previously purchasing such Discontinued UNE has not submitted to Verizon a Local Service Request ("LSR"), Access Service Request ("ASR"), or other authorized form of order requesting disconnection of the product, and has not separately secured from Verizon an available alternative arrangement to replace the product, then Verizon may disconnect the subject Discontinued UNE without further notice to the customer.

(2) In lieu of disconnecting the subject Discontinued UNE in the circumstances set forth in subparagraph 5.1.1.1(H)(1), above, Verizon, in its sole discretion, may elect, with at least 30 days advance notice to the customer, to: (a) convert the subject Discontinued UNE to a resale arrangement, to an arrangement available under another Verizon tariff or product guide (in which case month-to-month rates shall apply unless Verizon determines that the circuit is eligible for a different plan to which the customer then subscribes), or to some other commercial arrangement; or (b) in lieu of such a conversion, reprice the subject Discontinued UNE by application of a new rate (or, in Verizon's sole discretion, by application of a surcharge to an existing rate) to be equivalent to the price that would apply in (a) preceding. Verizon may disconnect the subject Discontinued UNE (or the replacement service to which the Discontinued UNE has been converted) if the customer fails to pay when due any applicable new rate or surcharge billed by Verizon. The customer shall cooperate with Verizon in implementing the requirements of this paragraph 5.1.1.1(H) and shall promptly submit any LSR or ASR and take such other action that may be needed to implement such requirements.]

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)

(I) Implementation of the 2020 UNE/Resale Order

(1) General

a. This paragraph 5.1.1.1(I) implements the actions taken by the FCC in WC Docket No. 19-308, Modernizing Unbundling and Resale Requirements in an Era of Next-Generation Networks and Services, Report and Order (rel. October 28, 2020) (the "Report and Order"), related to unbundled access to network elements.

b. For purposes of this paragraph 5.1.1.1(I), "Effective Date" means the date on which the Report and Order takes effect, which is February 8, 2021. (C)

c. Nothing in this paragraph 5.1.1.1(I) is intended to expand the availability of any unbundled network element, or to make such elements available if they would not be available but for this paragraph. For the avoidance of any doubt, other paragraphs of this Tariff have previously discontinued the availability of certain unbundled network elements that are referenced in this paragraph, or limited their availability based on certain criteria, and nothing in this paragraph is intended to alter any such discontinuations or limitations.

d. The definitions of various discontinued unbundled network elements in this paragraph 5.1.1.1(I) are intended to apply to all network elements described by those definitions, regardless of the names used to refer to them in other sections of this Tariff. By way of example and not limitation, the term "UNE Loop" includes network elements referred to as "links" in certain portions of this Tariff.

(2) UNE Loops

a. For purposes of this subparagraph 5.1.1.1(I)(2):

i. "UNE Loop" means a loop, as the term is defined in 47 CFR § 51.319(a), that is provided as an unbundled network element: (a) whether provided or utilized as a stand-alone UNE, in combination with other UNEs, or commingled with non-UNE services or other arrangements; and (b) whether originally ordered as a UNE or created through the conversion of private line or special access circuits or other services or arrangements.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)]
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(l) Implementation of the 2020 UNE/Resale Order (Cont'd)
(2) UNE Loops (Cont'd)
a. (Cont'd)

ii. "A "Competitive County" is a county included in the FCC's list of "Counties Deemed Competitive," available at https://docs.fcc.gov/public/attachments/DOC-344863A1.pdf, or any updated version of such list issued by the FCC from time to time. Once a county meets (or has met) the definition of a "Competitive County," any future change in that status shall not result in the resumption of any unbundling obligation that previously ceased or any new unbundling obligation where none previously existed.

b. DS1 and DS3 UNE Loops.

i. Notwithstanding any other provisions in this Tariff, including the preceding provisions of this § 5.1.1.1, but subject to the transitional provisions set forth in subparagraphs ii and iii, below, DS1 and DS3 UNE Loops will no longer be available on or after the Effective Date in any case in which the end user served by such loop is located in any Competitive County. (N)

ii. New purchases of DS1 UNE Loops that would be precluded under subparagraph i, above, may be made for installations occurring within 24 months after the Effective Date, but may not be made for installations occurring more than 24 months after the Effective Date. No special access circuits may be converted to DS1 UNE Loops after the Effective Date. Any DS1 UNE Loops purchased as such or created by conversion at any time up to the Effective Date, or any new installations (not conversions) purchased within 24 months after the Effective Date, will continue to be provisioned through the date 42 months after the Effective Date at the rates set forth in this Tariff, unless discontinued by the customer or terminated by Verizon for any reason authorized by this Tariff or by general regulations applicable to this Tariff (such as non-payment). After such date, Verizon will no longer provide or maintain any DS1 UNE Loop in a Competitive County.

iii. Any DS3 UNE Loops purchased as such or created by conversion at any time up to the Effective Date will continue to be provisioned through the date 36 months after the Effective Date at the rates set forth in this Tariff, unless discontinued by the customer or terminated by Verizon for any reason authorized by this Tariff or by general regulations applicable to this Tariff (such as non-payment). After such date, Verizon will no longer provide or maintain any DS3 UNE Loop in a Competitive County.]

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)]
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(I) Implementation of the 2020 UNE/Resale Order (Cont'd)
(2) UNE Loops (Cont'd)

c. DS0 UNE Loops and Associated UNE Copper Subloops

i. For purposes of this subparagraph 5.1.1.1(I)(2)(c), the term "DS0 UNE Loop" means any unbundled digital copper loop, or an unbundled two-wire or four-wire copper loop conditioned to transmit digital signals, and includes subloops thereof, but does not include any UNE Analog Loop as defined in paragraph 5.1.1.1(F)(1), above.

ii. Notwithstanding any other provisions in this Tariff, including the preceding provisions of this § 5.1.1.1, but subject to the transitional provisions set forth in subparagraph iii, below, DS0 UNE Loops and their associated subloops will not be available on or after the Effective Date in any census block that is determined by the United States Census Bureau to be located in an urbanized area. For the avoidance of any doubt, any subloops meeting the definition of "Multiunit Premises UNE Subloop" are governed by 5.1.1.1(I)(2)(e), below, and not by this paragraph. (N)

iii. New purchases of DS0 UNE Loops that would be precluded under subparagraph ii, above, may be made for installations occurring within 24 months after the Effective Date. Any DS0 UNE Loops purchased before the Effective Date or within 24 months after the Effective Date ("Grandfathered DS0 UNE Loops"), will continue to be provisioned through the date 48 months after the Effective Date, unless discontinued by the customer or terminated by Verizon for any reason authorized by this Tariff or by general regulations applicable to this Tariff (such as non-payment). After such date, Verizon will no longer provide or maintain any DS0 UNE Loop in urbanized areas. Grandfathered DS0 UNE Loops will be provided at the rates set forth in this Tariff for the first 36 months after the Effective Date. Such loops will be provided at 125% of the rates set forth in this Tariff from the 37th through the 47th month after the Effective Date, inclusive; provided, however, that Verizon may at any time during such period specify a lower rate by an amendment to this subparagraph filed on one day's notice.]

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)]
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(I) Implementation of the 2020 UNE/Resale Order (Cont'd)
(2) UNE Loops (Cont'd)

d. UNE Narrowband Voice-Grade Loops

i. For purposes of this subparagraph 5.1.1.1(I)(2)(d):

(A) The terms "fiber loops" and "hybrid loops" are as defined by the FCC in 47 CFR §51.319(a)(2) and (a)(3). The term "hybrid loop" includes a spare home-run copper loop when provided in lieu of access to a hybrid loop but does not include UNE Analog Loops as defined in paragraph 5.1.1.1(F)(1), above.

(B) The term "Grandfathered 64 kbps voice-grade channel" means a 64 kbps voice-grade channel over a fiber loop as defined by the FCC in 47 CFR §51.319(a)(3)(iii)(C) as in effect immediately before the Effective Date, such 64 kbps voice-grade channels having been grandfathered by the FCC in WC Docket No. 14-192, Petition of USTelecom for Forbearance Pursuant to 47 U.S.C. § 160(c) from Enforcement of Obsolete ILEC Legacy Regulations That Inhibit Deployment of Next Generation Networks, Memorandum Opinion and Order, (rel. December 28, 2015). (N)

ii. Notwithstanding any other provisions in this Tariff, including the preceding provisions of this § 5.1.1.1, but subject to the transitional provisions set forth in subparagraph iii, below, hybrid loops will not be available from Verizon on or after the Effective Date. For avoidance of doubt, subloops of UNE Analog Loops are not available from Verizon in cases where the underlying UNE Analog Loop is not available under paragraph 5.1.1.1(F), above.

iii. Any hybrid loops or Grandfathered 64 kbps voice-grade channels purchased before the Effective Date will continue to be provisioned through the date 36 months after the Effective Date at the rates set forth in this Tariff, unless discontinued by the customer or terminated by Verizon for any reason authorized by this Tariff or by general regulations applicable to this Tariff (such as non-payment). After such date, Verizon will no longer provide or maintain any hybrid loops or Grandfathered 64 kbps voice-grade channels.]

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)]
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(I) Implementation of the 2020 UNE/Resale Order (Cont'd)
(2) UNE Loops (Cont'd)

e. Multiunit Premises UNE Subloops

i. For purposes of this subparagraph 5.1.1.1(I)(2)(e), the term "Multiunit Premises UNE Subloop" is as defined in 47 CFR § 51.319(b)(2) immediately before the Effective Date, and, for avoidance of doubt, includes House and Riser Cable as referred to in other sections of this Tariff.

ii. Notwithstanding any other provisions in this Tariff, including the preceding provisions of this § 5.1.1.1, but subject to the transitional provisions set forth in subparagraph iii, below, unbundled access to Multiunit Premises UNE Subloops will not be available from Verizon on or after the Effective Date.

iii. Any Multiunit Premises UNE Subloops purchased on an unbundled basis before the Effective Date will continue to be provisioned through the date 36 months after the Effective Date at the rates set forth in this Tariff, unless discontinued by the customer or terminated by Verizon for any reason authorized by this Tariff or by general regulations applicable to this Tariff (such as non-payment). After such date, Verizon will no longer provide or maintain unbundled access to any Multiunit Premises UNE Subloops. (N)

(3) Network Interface Devices

a. For purposes of this subparagraph 5.1.1.1(I)(3), the term "Network Interface Device," or "NID," refers to any means of interconnection of customer premises wiring to the incumbent LEC's distribution plant, such as a cross-connect device used for that purpose.

b. Notwithstanding any other provisions in this Tariff, including the preceding provisions of this § 5.1.1.1, but subject to the transitional provisions set forth in subparagraph c, below, unbundled access to NIDs will not be available from Verizon on or after the Effective Date.

c. Any unbundled NIDs purchased before the Effective Date will continue to be provisioned through the date 36 months after the Effective Date at the rates set forth in this Tariff, unless discontinued by the customer or terminated by Verizon for any reason authorized by this Tariff or by general regulations applicable to this Tariff (such as non-payment). After such date, Verizon will no longer provide or maintain any unbundled NIDs.]

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)]
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(I) Implementation of the 2020 UNE/Resale Order (Cont'd)

(4) UNE Dark Fiber Transport

a. For purposes of this subparagraph 5.1.1.1(I)(4):`

i. The term "UNE Dark Fiber Transport" means unactivated optical interoffice transmission facilities that are provided on an unbundled basis, and, for avoidance of doubt, includes "IOF Dark Fiber" as the term is used in other sections of this Tariff.

ii. "Tier 3 wire center" is as defined in § 5.1.1.1(G)(3) of this Tariff.

iii. A "Listed Wire Center" is a wire center that is within a half mile of an alternative source of fiber, as listed in an August 1, 2019 Public Release of the FCC's Wireline Competition Bureau in WC Docket 18-141 (including any subsequent additions or modifications made to such list from time to time). (N)

b. Notwithstanding any other provisions in this Tariff, including the preceding provisions of this § 5.1.1.1, but subject to the transitional provisions set forth in subparagraph c, below, UNE Dark Fiber Transport will not be available from Verizon on or after the Effective Date unless at least one end of the transport route is a Tier 3 wire center that is not a Listed Wire Center.

c. Any UNE Dark Fiber Transport purchased before the Effective Date will continue to be provisioned through the date eight years after the Effective Date at the rates set forth in this Tariff, unless discontinued by the customer or terminated by Verizon for any reason authorized by this Tariff or by general regulations applicable to this Tariff (such as non-payment). After such date, Verizon will no longer provide or maintain any UNE Dark Fiber Transport.]

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)]
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(I) Implementation of the 2020 UNE/Resale Order (Cont'd)

(5) Operations Support Systems Functions

a. For purposes of this subparagraph 5.1.1.1(I)(5), the term "Operations Support System Functions" means pre-ordering, ordering, provisioning, maintenance and repair, and billing functions supported by Verizon's databases and information.

b. Notwithstanding any other provisions in this Tariff, including the preceding provisions of this § 5.1.1.1, but subject to the transitional provisions set forth in subparagraph c, below, unbundled access to Operations Support Systems Functions will not be available from Verizon on or after the Effective Date, except when such functions are used to manage other unbundled network elements, local interconnection, or local number portability.

c. Any unbundled access to Operations Support System Functions eliminated pursuant to subparagraph b, above, will continue to be provisioned for the period in which unbundled access is available to the network elements managed through the use of such functions, but not after such period. (N)

(6) Discontinued UNEs and Replacement Arrangements

a. For purposes of this subparagraph 5.1.1.1(I)(6), a "Discontinued UNE" is a network element, access to which is or will be no longer available on an unbundled basis under the terms of this paragraph 5.1.1.1(I). The date after which Verizon will no longer continue to provision a Discontinued UNE is the End Date.

b. Where the customer previously purchasing such Discontinued UNE has not submitted to Verizon a Local Service Request ("LSR"), Access Service Request ("ASR"), or other authorized form of order requesting disconnection of the product on or before the End Date, and has not separately secured from Verizon an available alternative arrangement to replace the product on or before the End Date, then Verizon may disconnect the subject Discontinued UNE on the End Date without further notice to the customer.]

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)]
5.1 Access to Network Elements (Cont'd)
5.1.1.1 Certain Withdrawn Network Elements (Cont'd)
(I) Implementation of the 2020 UNE/Resale Order (Cont'd)
(6) Discontinued UNEs and Replacement Arrangements (Cont'd)

c. In lieu of disconnecting the subject Discontinued UNE on the End Date in the circumstances set forth in subparagraph b, above, Verizon, in its sole discretion, may elect, with at least 30 days advance notice to the customer, to: (i) convert the subject Discontinued UNE to a resale arrangement, to an arrangement available under another Verizon tariff or product guide (in which case month-to-month rates shall apply unless Verizon determines that the circuit is eligible for a different plan to which the customer then subscribes), or to some other commercial arrangement; or (ii) in lieu of such a conversion, reprice the subject Discontinued UNE by application of a new rate (or, in Verizon's sole discretion, by application of a surcharge to an existing rate) to be equivalent to the price that would apply in (i) preceding. Verizon may disconnect the subject Discontinued UNE (or the replacement service to which the Discontinued UNE has been converted) if the customer fails to pay when due any applicable new rate or surcharge billed by Verizon. The customer shall cooperate with Verizon in implementing the requirements of this paragraph 5.1.1.1(I)(6) and shall promptly submit any LSR or ASR and take such other action that may be needed to implement such requirements. (N)]

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)

5.1.2 Manual Intervention Surcharge
When ordering Unbundled Network Elements, a manual intervention surcharge will be applied when a TC chooses not to use electronic interfaces or where an order is of the type that the interfaces are not designed to handle and would not apply in instances where orders would ordinarily flow through but the interface development work was not yet complete. The Manual Intervention Surcharge will not apply until the Commission approves the Telephone Company's electronic ordering interfaces.

5.1.3 TC Not Ready Charge
The TC Not Ready Charge applies if as a result of TC or its end user actions, the Telephone Company cannot complete requested work activity when a technician has been dispatched to the TC end user's premises. The TC Not Ready Charge also applies if a TC requests the dispatch of a Telephone Company technician to a TC's end user's premises and there is no customer access, or the TC is not ready, resulting in the technician being unable to confirm that there is no trouble found on the Telephone Company network.

5.1.4 Expedite Charges
Expedite Charges will apply when a TC requests a service date that is earlier than the Standard Interval date for the Unbundled Network Elements (UNE) ordered. Expedite charges will not apply if the Telephone Company does not complete the order in less than the standard interval. Expedite charges are not applied if the Telephone Company offers a less than standard interval and the TC does not accept the offered date. Expedite charges will apply when a service date changed at the request of the TC (i.e., escalation to a higher level) from standard interval or greater to less than standard and the order is completed by the date requested within less than standard interval.

A TC may also request an earlier date on negotiated interval orders. The request for an earlier date may be received from the TC prior to the issuance of an UNE order or after the order has been issued but prior to the service date.

The Telephone Company maintains exclusive right to accept or deny the request to expedite. If, upon reviewing availability of equipment and scheduled workload, the Telephone Company agrees to provide service on an expedited basis and the TC accepts this proposal, Expedite Charges will apply.

In the event that the Telephone Company provides service on an expedited basis by TC request and the TC then delays service, the Expedite Charges will apply.

In the event that the TC cancels an expedite request, cancellation charge will apply as specified in Section 5.11.1 (E).

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)

5.1.5 Listings for Certain Customers

A. Subject to subparagraph B. below, Verizon New York Inc. ("Verizon") will provide listings services to entities that purchase services under this Tariff (which entities are referred to below as "Carriers"). Such services will include (a) publication of listings for the customers of such Carriers in the alphabetical directories and classified directories published by or for Verizon; (b) the inclusion of such listings in Verizon's directory assistance records; (c) non-published service; and (d) additional listings and other premium listing services. Such services will be provided under the same terms, conditions, and regulations as are made available to Verizon's end-user Customers, as set forth in Section 5 of Verizon's Tariff PSC No. 15, and at the rates set forth in Section 14 of that Tariff, less the applicable discount percentage set forth in Section 10.6.1 of Verizon's Tariff No. 9. In applying the rates, terms, conditions, and regulations set forth in Tariff No. 15, "subscriber"' and similar terms will be deemed to refer to the Carrier's customer. For example, the nature of the Carrier's customer, and not of the Carrier itself, will determine whether the listing qualifies as a residence or business listing, and thus may affect the applicable rate. (C) (C) (C)

B. Notwithstanding the preceding paragraph:

The Carrier itself, and not the Carrier's customer, will be Verizon's customer and will be responsible to Verizon for payment of the applicable listings service charges.

The Carrier will be responsible for submitting to Verizon all orders, information, requests, inquiries, changes, and other matters related to the listing(s), using the processes and forms required by, and subject to the terms and conditions of, the relevant wholesale tariffs, agreements, industry arrangements, or business rules, which will supersede any conflicting terms, conditions, and procedures related to such matters that are set forth in Tariff PSC No. 15. Verizon will not accept any such orders, information, etc. directly from the Carrier's customers. (C)

In no case will the Carrier's customer be considered to be a customer of Verizon by virtue of the publication of his, her, or its name and/or address in a Verizon directory or directory assistance records. Neither this tariff, nor any actions taken by Verizon or the Carrier pursuant to this tariff, shall create a contractual, agency, or any other type of relationship between Verizon and the Carrier's customers.

General and administrative provisions, including but not limited to those related to payments, collection, default, deposits, termination or cancellation of service, dispute resolution, liabilities, indemnification, waivers, and similar matters shall be as set forth in the relevant wholesale tariffs or agreements.

The non-recurring charges applicable to listings services for a Carrier's customers will be the standard non-recurring charges for service orders, record orders, etc. (and, as applicable, for manual intervention, expedited service, etc.), that are applicable to orders for wholesale service under this Tariff.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.1 Access to Network Elements (Cont'd)
5.1.5 Listings for Certain Customers (Cont'd)
B. Notwithstanding the preceding paragraph:

For the avoidance of any doubt, absent any contrary tariff provision, the applicable non-recurring charge will be the standard service order charge of $9.01, or $13.99 for expedited orders (or any rates that subsequently replace those rates), together with any applicable charges for manual intervention, in the amount set forth in Section 5.6.1.7 of Tariff PSC No. 10. A separate non-recurring charge for listings services will not apply where the Carrier requests such services at the same time and on the same order, as the underlying Verizon-provided wholesale service.

The Carrier must provide properly formatted listings for inclusion in the Verizon directories and within time frames required by Verizon or the publisher of its directories.

Verizon will provide a listing verification report** which enables a Carrier to review listing information approximately 90 days prior to the directory close date. Each report corresponds to the directories as published by or for Verizon in which the Carrier has requested the inclusion of listing information for its Customers. (C)

If the Carrier's report contains an error, the Carrier must submit the appropriate correction prior to the scheduled closing date of the publishing of the directory utilizing the appropriate order forms.

At the option of the Carrier, Verizon will include Carrier Customers in the Verizon directory assistance database. If the Carrier chooses this option, it must provide Verizon with its properly formatted listings and updates for inclusion in the directory assistance database within time frames required by Verizon.

A Carrier may electronically view the listings through an electronic interface. This allows a Carrier to view all current published listings of all local carriers, although the identity of the carrier of record will be kept confidential (i.e., the serving carrier will not be indicated). This interface allows the Carrier electronic access to an up-to-date display of the listings database.

Verizon will provide the Carrier with a number of white page directories equal to the total number of the Carrier's listings in the white pages and yellow pages directories rounded up to the nearest hundred, either at the Verizon designated location or through an alternative arrangement.

Publishing errors that are identified by the Carrier that are the fault of Verizon, shall be given credit as specified in Tariff PSC No. 15. No credit or other compensation will be available where the Carrier has not identified the publishing error.

Carrier must agree to abide by the privacy rules and principles adopted by the New York State Public Service Commission.

** Listing Verification Report has been withdrawn from the tariff effective June 1, 2025. (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.2 Network Interface Device and House and Riser Cable

Notwithstanding any other provisions of this Section 5.2, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1.

5.2.1 Network Interface Device (NID)

5.2.1.1 General

A Network Interface Device (NID) is any Telephone Company provided means of interconnection of end user customer premises wiring to the incumbent LEC's distribution plant, such as a cross-connect device used for that purpose. Where suitable facilities exist, the Telephone Company shall make available a direct connection to its existing NID. Where suitable facilities do not exist, the Telephone Company will provide NID access to existing customers premises wiring through a cross-connect arrangement where technically feasible. When necessary, the Telephone Company will rearrange its facilities to provide access to an existing customer's premises wiring. The TC is not permitted to remove or otherwise rearrange the Telephone Company's facilities or equipment.

5.2.1.2 Regulations

(a) NID Access is subject to the general rules and regulations specified herein.

(b) Rates and charges apply as specified in Section 5.2.3 following.

(c) If the TC's compatible connecting NID is not available or if the TC is unable to accept NID access at the time of installation, the TC Not Ready Charge (see Section 5.2.3 following) applies and a new cutover date will be established.

(d) The TC must initiate a request for NID Access.

(e) The TC is responsible for coordinating with the Telephone Company to ensure that facilities are installed in accordance with the elements requested.

(f) The TC is solely responsible for investigating any trouble reported by its end user customer. The TC is responsible for initiating, testing and sectionalizing (isolating) end user trouble reports. The Telephone Company is responsible for dispatching to clear a trouble when the trouble has been previously sectionalized to the Telephone Company's NID by the TC.

(g) If a TC requests the dispatch of a Telephone Company technician to a TC's end user's premises and the TC is not ready, or the technician cannot gain access to the premises, resulting in the technician being unable to confirm that there is no trouble on the Telephone Company network, a TC Not Ready Charge applies. (C) (C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.2 Network Interface Device and House and Riser Cable (Cont'd)

5.2.2 House and Riser Cable

5.2.2.1 General

House and Riser Cable service provides a TC with access to facilities between (a) the network side of the network interface of the TC's end user and (b) a point of interconnection (usually in the basement) on the same premises where the network side of the Telephone Company's House and Riser facilities terminate. It is only available in locations where the Telephone Company owns, operates and maintains such in place facilities. House and Riser Cable is provided subject to the availability of facilities on a first-come first-served basis at the requested TC's end user's premises.

5.2.2.2 Regulations

(A) House and Riser Cable is subject to the general rules and regulations specified in this Section.

(B) House and Riser Cable connection is provided subject to the availability of facilities.

(C) The following pre-order conditions must be met by the TC prior to the Telephone Company's provisioning of House and Riser Cable if the TC provides the terminal block.

(1) The TC shall locate its compatible terminal blocks within a reasonable cross-connect distance (normally within 12 feet) on the network side of where the Telephone Company's House and Riser facilities terminate.

(2) The TC shall not install its terminal block in a location that would unnecessarily impede the Telephone Company's access and additions to its facilities (normally no closer than 14 inches).

(3) The TC shall clearly identify its terminal block and equipment as a TC facility.

(D) The TC may request the Telephone Company to provide a terminal block within cross-connect distance to where the Telephone Company's House and Riser facilities terminate. If suitable space and facilities are available, the Telephone Company will install a compatible 50 pair terminal block. A nonrecurring Terminal Charge applies.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.2 Network Interface Device and House and Riser Cable (Cont'd)
5.2.2 House and Riser Cable (Cont'd)
5.2.2.2 Regulations (Cont'd)

(E) The Telephone Company shall not be required to:

(1) Move any Telephone Company equipment.
(2) Secure any right of way for the TC.
(3) Secure space for the TC in any building.
(4) Secure access to any portion of the building for the TC.
(5) Reserve space in any building for the TC.

(F) A Local Service Request (LSR) must be initiated by the TC for the installation by the Telephone Company of the House and Riser connection or for those TCs which allow the Telephone Company access to their House and Riser facilities or for those TCs that have no House and Riser facilities, the TC may issue a local service request and elect to install the cross-connect itself, subject to the conditions set forth in Section 5.2.2.2(R) following and relevant Methods and Procedures. (C)

(G) The TC must ensure that its terminal block has been tested for proper installation, numbering and operation. Cutover of a TC's end user to House and Riser Cable will be performed by the Telephone Company at a negotiated interval. The Telephone Company will place a jumper cable connecting the pair on the Telephone Company's House and Riser facilities to the TC's terminal block.

(H) The Telephone Company's technician will check for continuity at the time of installation. If the TC's compatible terminal block or spare termination on the TC's terminal block is not available at the time of installation, the TC Not Ready Charge applies and a new cutover date will be established.

(I) The TC is responsible for coordinating with the Telephone Company to ensure that facilities are installed in accordance with the request.

(J) Except as set forth in Section 5.2.2.2(R) following, Telephone Company technicians will perform all installation work where operations must be performed directly on Telephone Company equipment. The Telephone Company will specify where the cross connection should be made to ensure Telephone Company access. All of the TC's equipment must comply with industry standards. (C) (C)

(K) The TC is responsible for initiating, testing, and sectionalizing (isolating) all of its end user trouble reports. The Telephone Company is responsible for dispatching, if necessary, to clear a trouble when the trouble has been previously sectionalized by the TC to the House and Riser Cable unbundled Network Element provided by the Telephone Company.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.2 Network Interface Device and House and Riser Cable (Cont'd)
5.2.2 House and Riser Cable (Cont'd)
5.2.2.2 Regulations (Cont'd)

(L) If a TC requests the dispatch of the Telephone Company to a TC's end user's building or premises, and the TC is not ready, or the Telephone Company cannot gain access to the premises, resulting in the technician being unable to confirm that there is no trouble on the Telephone Company network, a TC Not Ready Charge applies. (C) (C) (C)

(M) The TC is responsible for providing a contact number that is readily accessible 24 hours a day, 7 days a week. The Telephone Company's report time starts when the Telephone Company receives the trouble report from the TC.

(N) The Telephone Company is responsible for providing trouble report status when requested.

(O) The Telephone Company will provide a TC on request with information pertaining to the ownership of House and Riser Cable as described in (Q) following.

(P) The Telephone Company will post, on the World Wide Web, a listing of addresses where it has sold house and riser facilities. There will be no charge for accessing or downloading this information.

(Q) The Telephone Company will provide to a TC, upon a request submitted through the appropriate electronic interfaces, information as to whether the Telephone Company owns house and riser facilities at a specified address. The Telephone Company will respond to each inquiry, indicating whether it owns all, some, or none of the house and riser facilities at the particular address. The TC will be billed a House and Riser Asset Inquiry Charge for each response. The Telephone Company will make every reasonable effort to respond to inquiries within five business days, however, the actual response time will depend upon: service conditions at the office responding to the inquiry; the number of requests submitted on any given day; and, the possibility that a site visit may be required to satisfy the inquiry.

(R) If the TC elects to install the cross-connect itself, the following conditions apply.

(1) Within a reasonable amount of time prior to the TC installing any equipment and facilities in any MDU, the TC will request a joint meeting with the Telephone Company to discuss cable routing, equipment placement, cross-box penetration and to establish security requirements for the House and Riser cross-box. The penetration of the House and Riser cross-box will be identified and approved by the Telephone Company. When accessing the House and Riser cross-box, only the assigned penetrations may be used. In the event that the penetration does not meet the growth needs of the TC, the TC shall request a new joint meeting. The Telephone Company will make every reasonable effort to meet at a mutually agreeable time within five (5) business days of such request.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.2 Network Interface Device and House and Riser Cable (Cont'd)
5.2.2 House and Riser Cable (Cont'd)
5.2.2.2 Regulations (Cont'd)
(R) (Cont'd)

(2) The TC shall notify the Telephone Company in writing that it is opting to perform its own cross-connect at a particular location at least ten (10) business days prior to issuing an initial House and Riser service order. Upon such notification, the Telephone Company may, at its sole option, visually inspect the TC's equipment and facilities in the designated MDU to determine compliance with the Industry Standards and to ensure quality workmanship and good faith compliance with ordering requirements and standards. The TC will provide all necessary access to its equipment and facilities for the limited purpose of the Telephone Company's inspection. If upon inspection the equipment and facilities are found to non-compliant, but no end user's service is affected, the TC must remedy any deficiency within ten (10) business days. If upon inspection the equipment and facilities are found to be non-compliant, and any end user served by the Telephone Company or any TC is affected, the TC must remedy any deficiency within twenty-four (24) hours. (N)

(3) The TC shall have primary responsibility to its end-user customer for installation and maintenance of all equipment and facilities.

(4) For all ordering, the TC must issue a LSR and may do so up to twelve (12) days in advance of the Requested Due Date on the Service Order; orders will be handled through the use of the Telephone Company's Direct Customer Access Service (DCAS) system. Once the TC has received the Firm Order Commitment (FOC) from the Telephone Company, it may tag the House and Riser pairs. Receipt of a FOC does not guarantee the availability of an Available Pair as described in Section 5.2.2.2(R)(6) following. In no event shall the TC cross-connect its facilities to the Telephone Company's House and Riser pairs prior to the Due Date received on the FOC from the Telephone Company.

(5) Cross-connections from a TC's facilities to the Telephone Company's House and Riser pairs shall be used solely for the purpose described in Section 5.1 preceding.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.2 Network Interface Device and House and Riser Cable (Cont'd)
5.2.2 House and Riser Cable (Cont'd)
5.2.2.2 Regulations (Cont'd)
(R) (Cont'd)

(6) A TC may only perform a cross connect to an "Available Pair." When performing a cross-connection for an end user who currently has service and is migrating to the TC, the TC shall reuse the House and Riser pair being used by the end user if it is determined to be an "Available Pair". A House and Riser cable pair is an "Available Pair" if:

(a) it is not being used to provide service to a different end user; and

(b) it is not being used in conjunction with a Digital Added Main Line (DAML) device, any other pair gain device or the Telephone Company's Door Answering Service; and

(c) it is not defective; and,

(d) it has no cross-connection at any termination point other than the House and Riser cross box; and,

(e) it has not been identified by the Telephone Company for maintenance spare or near term customer use. Near term customer use means that the Telephone Company has identified the need for a pair to meet a customer's request up to twelve (12) calendar days in advance of the customer due date. (N)

(7) If the TC requests the Telephone Company to dispatch its technician to identify an Available Pair, the TC shall cancel the first LSR and issue a new LSR for House and Riser facilities. If the Telephone Company technician locates an Available Pair, the technician will perform the cross-connect. Time & Materials charges will apply. If the Telephone Company's technician does not locate an Available Pair, the TC Not Ready Charge will apply.

(8) The TC shall tag the cross-connection at the House and Riser cable end with the following information:

(a) the TC's identity;

(b) the number of the floor within the MDU on which the end user resides; and

(c) the service order number.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.2 Network Interface Device and House and Riser Cable (Cont'd)
5.2.2 House and Riser Cable (Cont'd)
5.2.2.2 Regulations (Cont'd)
(R) (Cont'd)

(9) The TC shall advise the Telephone Company that a NID is required in the common closet on the floor of the end user or in the end user's premises. The Telephone Company will install a NID as specified in Section 5.2.1, preceding. All appropriate rates and charges will apply.

(10) When making the cross-connection to the Telephone Company's House and Riser pairs, the TC shall remove the existing cross wires from the House and Riser cable. At that time, the TC shall trim back the removed cross wires to within twelve (12) inches of the Telephone Company's serving cross-connection point, cut back any exposed wire, and tape and tag the cross wires with the following information:

(a) the TC's identity;

(N)

(b) the number of the floor within the MDU on which the end user resides; and

(c) the service order number.

(11) The TC's technicians shall display their company identification at all times while within the telephone equipment area of the MDU. At no time shall any TC employee, consultant, contractor, or agent represent that he or she is an employee, consultant, contractor or agent of the Telephone Company.

(12) The Telephone Company shall reasonably determine the type of locks or other security measures to be used for securing its network equipment. The TC shall reimburse the Telephone Company on a Time and Materials basis for the reasonable costs (e.g., chains, latches, card readers, etc.) associated with these security measures.

(13) The Telephone Company shall determine the interval at which any passwords, combinations, or other applicable security measures are changed for new passwords, combinations, or measures.

(14) If the TC's end user no longer receives local exchange service from the TC, the Telephone Company may, at its option, remove the TC's cross connection from the Telephone Company's House and Riser cross-box.

(15) The TC is responsible for not disrupting other customers in that building, cable or that equipment.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.2 Network Interface Device and House and Riser Cable (Cont'd)
5.2.2 House and Riser Cable (Cont'd)

5.2.2.3 Application of Rates and Charges
Rates and charges for House and Riser are set forth in Section 5.2.3 following.

(A) Monthly Rates

(M)

(1) The Building Access rate applies, per pair, for each unbundled House and Riser Cable pair a TC orders from the Telephone Company at an end user's premises.

(2) The Floor Access rate applies, per pair, for each floor the unbundled House and Riser Cable pair is extended.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.2 Network Interface Device and House and Riser Cable (Cont'd)
5.2.2 House and Riser Cable (Cont'd)
5.2.2.3 Application of Rates and Charges (Cont'd)

(B) Nonrecurring Charges

(1) The Terminal Charge applies to the TC for the installation by the Telephone Company of each 50 pair connection block required by the TC for its terminations.

(2) The House and Riser Asset Inquiry charge applies to the TC for each response the Telephone Company provides to a TC request regarding information as to whether the Telephone Company owns House and Riser facility at a specified address.

(3) The TC Not Ready Charge applies if a TC requests the dispatch of a Telephone Company technician to a TC's end user's premises and there is no customer access, or the TC is not ready, resulting in the technician being unable to confirm that there is no trouble on the Telephone Company network. (C) (C) (C)

(4) The Service Order Charge applies, per service order, when a TC orders any House and Riser Cable element.

(5) The Manual Intervention Surcharge applies when the mechanized interface is not used to place the order.

(C) Other Charges

(1) Time and Materials charges apply when the Telephone Company installs the jumper cable, or when the Telephone Company is requested to dispatch to the customer premises. These charges will be applied per occurrence. A occurrence is defined as an instance of one or more orders completed during the same dispatch for the same customer in the same building.

(2) Time and Materials charges will apply to all dispatches required for all rearrangements or adjustments and to corrections in the building resulting from a TC making its own cross-connections. The Telephone Company will provide the TC two (2) business days' notice to correct a problem, unless the problem poses an immediate risk to the service of an end user, in which case the Telephone Company will remedy the problem and assess the appropriate time and materials charges on the TC. The TC will pay all time and material charges associated with any Telephone Company dispatch, including a dispatch for the purposes of determining whether the TC has corrected a problem identified by the Telephone Company.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.2 Network Interface Device and House and Riser Cable (Cont'd)

5.2.3 Rates and Charges

	Monthly Rates	USOC	
Network Interface Device			
2 wire UNE NID			
Density Zone 1A#	$1.39	(NOTE)	(C)
Density Zone 1B#	1.26	(NOTE)	
Density Zone 2#	1.09	(NOTE)	
4 wire UNE NID			
Density Zone 1A#	2.72	(NOTE)	
Density Zone 1B#	1.87	(NOTE)	
Density Zone 2#	1.38	(NOTE)	
DS1 UNE NID			
Density Zone 1A#	7.35	(NOTE)	
Density Zone 1B#	7.32	(NOTE)	
Density Zone 2#	6.67	(NOTE)	
Network Interface Device NID to NID			
2 wire NID			
Density Zone 1A#	1.39	UUCN1	
Density Zone 1B#	1.26	UUCN1	
Density Zone 2#	1.09	UUCN1	
4 wire NID			
Density Zone 1A#	2.72	UUCN4	
Density Zone 1B#	1.87	UUCN4	
Density Zone 2#	1.38	UUCN4	
DS1 NID			
Density Zone 1A#	7.35	(NOTE)	
Density Zone 1B#	7.32	(NOTE)	
Density Zone 2#	6.67	(NOTE)	(C)

See Appendix A for Density Zones 1A, 1B and 2 Wire Centers/Exchanges.

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.2 Network Interface Device and House and Riser Cable (Cont'd)
5.2.3 Rates and Charges (Cont'd)

Network Interface Device or
House and Riser Cable

	Time & Material	USOC	
- Per Occurrence			
Time:			
First 30 minutes or fraction thereof	$53.07	TM1HA	(C)
Expedited - First 30 minutes or fraction thereof	74.75	TM1HA	
Subsequent 15 minute period or fraction thereof	9.53	TM1HB	
Expedited – Subsequent 15 minute period or fraction thereof	13.43	TM1HB	
TC Not Ready Charge	73.10	NR9UN	(C)

	Nonrecurring Charges	USOC	
Service Order			
- per service order	$ 9.01	1CRUH	(C)
- per expedited service order	13.99	1CRUH	(C)

	Nonrecurring Charges	Expedited Nonrecurring Charges	
Manual Intervention Surcharge			
Per order	$26.56	$41.23	(C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.2 Network Interface Device and House and Riser Cable (Cont'd)
5.2.3 Rates and Charges (Cont'd)

	Monthly Rates	USOC	
House and Riser			
Bldg Access			
- per pair			
Density Zone 1A#	$0.81	UMF	
Density Zone 1B#	0.78	UMF	
Density Zone 2#	0.60	UMF	
Floor Access			
- per floor risen, per pair			
Density Zone 1A#	0.01	UFC	(C)
Density Zone 1B#	0.02	UFC	
Density Zone 2#	0.01	UFC	
	Nonrecurring Charges		
Terminal Charge			
Density Zone 1A#	$268.75	NR9UH	
Density Zone 1B#	262.00	NR9UH	
Density Zone 2#	187.69	NR9UH	
House and Riser Asset Inquiry Charge	Per Inquiry $ 49.08	NR94V	(T)

See Appendix A for Density Zones 1A, 1B and 2 Wire Centers/Exchanges.

(D)
(D)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.3 Unbundled Interoffice Transmission Facilities

Notwithstanding any other provisions of this Section 5.3, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

5.3.1 General

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 the Telephone Company will no longer provision new orders for OC3, OC12, OC48, or STS1 interoffice transmission facilities as unbundled network elements under the terms and conditions of this tariff except as otherwise required under an effective interconnection agreement between the Telephone Company and the TC.

Existing OC3, OC12, OC48, or STS1 interoffice transmission facilities will be discontinued on November 1, 2003, except as otherwise required under an effective interconnection agreement between the Telephone Company and the TC.

The Telephone Company provides access to unbundled common transmission facilities between end offices and tandems, end offices and end offices, end offices and TC switches, tandems and TC switches and end offices and Telephone Company switching systems providing Operator Services, Directory Assistance and 911/E911 ("the Switching Platform"). The Telephone Company also provides access to unbundled dedicated transmission facilities between the Telephone Company's central offices (COs) or between such offices and those of TCs.

The Network Elements must be ordered individually and may be recombined by the TC as part of a network plan. Unbundled Interoffice Network Elements are: DS1, DS3, STS-1, OC-3, OC-12 and OC-48 Interoffice Transport, DS1 to DS0 and DS3 to DS1 Multiplexing. Unbundled Interoffice Network Elements will be provided at central office cross connect points such as digital terminating frames. Access to network elements is provided through Collocation. Access to those elements where Collocation may not be required may be found in Sections 5.12, 5.13 and 5.14, following, relating to certain network element combinations.

The Telephone Company provides Unbundled Transport between the following points:

1. Unbundled Common Transport between Telephone Company central offices
2. Dedicated Transport between EOs
3. Dedicated Transport between an EO and a Serving Wire Center (SWC)
4. Dedicated Transport between an EO or SWC and an IXC POP
5. Dedicated Transport between a Tandem Switch (including a TOPS tandem) and an End Office
6. Dedicated Transport between an EO or SWC and a TC Location
7. Dedicated Transport between a Tandem Switch and an IXC POP
8. Dedicated Transport between a Tandem Switch and a TC Location

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.1 General (Cont'd)

9. Dedicated Transport between a Collocation Arrangement and a TC POI
10. Dedicated Transport between Tandem POI and a TC POI
11. (Reserved for future use) (M)
12. Dedicated Transport between existing Collocation Arrangements

The purpose of unbundled Interoffice Transmission Facilities is for use by the TC for the provision of Telephone Exchange and Access Services.

5.3.2 Definitions

In this Section the definitions for Network Elements are as follows:

1. 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.

2. 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

OC levels above the OC-12, to the extent otherwise available under this Tariff, will be handled on an individual case basis.

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

3. Serving Wire Center (SWC)

Serving Wire Center is the Telephone Company location from which Private Line, Exchange, or Centrex Service is furnished to a customer's premises without intermediate connection to another wire center.

4. (Reserved for future use)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.2 Definitions (Cont'd)

5. Network Design Request (NDR)

Network Design Request (NDR) process is required to establish the scope of the project and to align preliminary time frames in providing service to the TC. A Project Manager will coordinate the meeting that will be attended by the TC's technical and administrative team and representatives from each Telephone Company department involved in developing the technical, administrative, and legal/regulatory requirements. Time frames for completion will be negotiated between the Account Team and the TC. (M)

6. Fiber Distributing Frames (FDF)

Optical access to interoffice transmission facilities will be provided at a fiber Point of Termination (POT) bay dedicated to the individual TC. Interconnection between the POT bay and the Telephone Company FDF will be via standard single-mode optical fiber jumper cables equipped with SC/PC connectors at both ends. The FDF or POT bay is an interconnect bay with direct connection between the TC's cables and the jumper cables between the fiber POT and the Telephone Company FDF.

5.3.3 Regulations

1. Physical Access Points to Interoffice Transmission Facilities

The Telephone Company will provide interconnection to the transmission capabilities of the interoffice network at the following physical access points:

Manual Digital Cross-Connects

Metallic access to digital transport and multiplexing will be provided at the Telephone Company DSX-n bays at a Point of Termination (POT) Bay dedicated to the individual TC. Where POT Bays are used, cabling between the POT bay and the Telephone Company DSX must meet appropriate shielding and construction requirements for the application (e.g., ABAM for DS1 and coaxial cable for DS3). DSX panels at POT Bays are provided at the DS1 and DS3 interface rates. Interface rates above DS3 may require a different panel at a POT Bay depending upon the transmission specifications and the cabling limitations of these transport rates.

Main Distributing Frame (MDF)

In general, the MDF will not be used for digital interoffice facilities access. The MDF is designed to provide manual cross-connection of voice grade transmission and may not meet the requirements for digital transmission.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.3 Regulations (Cont'd)
1. Physical Access Points to Interoffice Transmission Facilities (Cont'd)

Fiber Distribution Frame (FDF)

Fiber access to optical transport will be provided at the Telephone Company FDF bays at a Point of Termination (POT) Bay dedicated to the individual TC. The TC's Collocation arrangement must be equipped to handle an optical handoff (i.e., fiber cross-connects from the POT Bay to the Telephone Company FDF). If the Collocation site is not so equipped, it must be augmented with the proper cross-connects before the TC submits its request for Unbundled Dedicated OCn IOF Transport. (M)

2. The Telephone Company will not provide Unbundled SONET rings.

3. Dedicated IOF is provided as a point to point facility where both ends of the circuit are at the same transmission rate.

4. Dedicated IOF is not provided with Mid Span Meets.

5. The Telephone Company is not required to construct new transport facilities to meet specific TC point to point demand for facilities that the Telephone Company has not deployed for its own use.

6. Unbundled Network Element Intervals where facilities exist:

QTY 1-8: DS1, DS3 and Multiplexer channels	15 business days
QTY 9+: DS1, DS3 and Multiplexer channels	Negotiated
OC-n Unbundled interoffice transport	Negotiated

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.3 Regulations (Cont'd)

7. Mileage Measurement

The mileage measurement to be used to determine the fixed and per mile or per ¼ mile monthly rates is calculated on the airline distance between the following locations:

Interoffice Transport Mileage – per mile

Central Office to another Central Office
Central Office to a Serving Wire Center (SWC) (M)
Tandem to Central Office
Tandem to Serving Wire Center (SWC)
Central Office or Serving Wire Center (SWC) to the Serving Wire Center of the IXC POP or TC location

Tandem to the Serving Wire Center (SWC) of the IXC POP or TC location

Entrance Facility – per ¼ mile

Serving Wire Center (SWC) of the TC location and the TC location
Serving Wire Center (SWC) of the IXC POP and IXC POP

The Interoffice Mileage rates are shown in 5.3.4, in terms of a fixed and a per mile charge per month. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF, F.C.C. NO. 4. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage, except for DS3, STS-1 and OCn Entrance Facilities which are billed per ¼ mile. Then multiply the mileage by the appropriate per mile rate. In the case of DS3, STS-1 and OCn Entrance Facilities, multiply by the appropriate per ¼ mile rate. The amount to be billed shall be the product of this calculation plus the fixed rate.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.4 Rates and Charges

Unbundled Interoffice Transmission Facilities (IOF) are provided at the appropriate Collocation arrangement.

IOF: Unbundled Network Elements
IOF unbundled network elements are as follows:

- DS1 (point to point)
- DS3 (point to point)
- STS-1 (point to point)
- OC-3 (point to point, not rings)
- OC-12 (point to point, not rings)
- OC-48 (point to point, not rings)
- DS3 to DS1 Multiplexing
- DS1 to DS0 Multiplexing

Billing Rate Structure:

Monthly Rates -- Applicable Rate elements:

Inter-Office Transport Mileage for DS1, DS3, STS-1 and OCn These rate elements apply for unbundled dedicated transport facilities between the TC's collocation arrangements in Telephone Company offices.* There will be a monthly rate for the following: (C)

1. Fixed Charge
2. Per Mile Charge (C)

*In the event that the unbundled dedicated transport facility is provided in conjunction with an entrance facility, these rate elements apply between Telephone Company offices. (N)

Inter-Office Transport Entrance Facilities for *DS1, DS3, STS-1 and OCn These rate elements apply for unbundled dedicated transport facilities between the TC's switch location and the Telephone Company serving wire center. There will be a monthly rate for the following:

1. Entrance Facility Fixed Charge
2. Per ¼ Mile Charge (N)

*Exception: the monthly rate for DS1 will be Fixed.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.4 Rates and Charges (Cont'd)
Billing Rate Structure (Cont'd)
Nonrecurring Charges: (M)

DS1, DS3, STS-1 and OCn: The following charges apply for each installation of IOF Mileage or IOF (C)
Entrance Facilities: (C)

Service Order (C)
Service Order – Expedite
Central Office Wiring
Central Office Wiring – Expedite
Provisioning
Provisioning – Expedite

One Service Order charge applies per order. The Central Office Wiring Charge applies when wiring is required in the central office. Provisioning charges apply to each unbundled element installed. (C)

Rearrangement Charges

A TC may request a physical change to an existing unbundled network element including:

- rearranging an existing lower-speed channel from one port to another in the same unbundled multiplexing arrangement
- rearranging an existing lower-speed channel from one port to another in another unbundled multiplexing arrangement in the same central office.
- rearranging an existing UNE into an unbundled multiplexing arrangement in the same central office
- rearranging an existing UNE from one collocation cross-connect to another in the same Collocation arrangement
- rearranging an existing UNE into a Collocation arrangement in the same central office

Where applicable, the Due Date Change charge, Design Change Charge and Cancellation Charges as set forth in Section 5.11(F) following will apply.

Multiplexing:
Monthly Recurring Charges: (N)
There will be a monthly rate for a multiplexer at each location where the multiplexing function is performed.

There will be a monthly rate for each DS0 channel activated on a DS1 to DS0 multiplexer. (N)

Multiplexing can be performed for DS3 to DS1 and DS1 to DS0.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.4 Rates and Charges (Cont'd)
Billing Rate Structure (Cont'd)

Multiplexing (Continued)
Nonrecurring Charges – (C)

The following charges apply to installed multiplexers:

Service Order
Service Order – Expedite
CO Wiring
CO Wiring – Expedite
Provisioning
Provisioning – Expedite (C)

The following charges apply to each DSO channel activated on a DS1 to DS0 multiplexer. (N)

Service Order
Service Order – Expedite
CO Wiring
CO Wiring – Expedite
Provisioning
Provisioning - Expedite (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.4 Rates and Charges (Cont'd)

Refer to Unbundled Common Transport and Dedicated Transport diagrams, (1 through 12), following.

1. Unbundled Common Transport between Telephone Company central offices

2. Dedicated Transport between Central Offices

3. Dedicated Transport between an existing POT Bay and an IXC or TC Location

4. (Reserved for future use)

5. (Reserved for future use)

6. (Reserved for future use)

7. Dedicated Transport between a Multiplexer and a POT Bay

8. Dedicated Transport between a Trunk Port and an existing POT Bay

9. (Reserved for future use)

10. (Reserved for future use)

11. (Reserved for future use)

12. Dedicated Transport between existing Collocation Cages

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.4 Rates and Charges (Cont'd)

5.3.4.1 Interoffice transmission facilities are defined as Telephone Company transmission facilities dedicated to a particular customer or carrier, or shared by more than one customer or carrier, that provide telecommunications between wire centers owned by the Telephone Company or requesting TCs, or, between switch locations owned by the Telephone Company or requesting TCs or between a tandem switch (including a TOPS tandem or an E911 control switch) and a TC location.

5.3.4.2 Unbundled Common Transport provides transmission between a Telephone Company End Office or Tandem and a TC location or between two Telephone Company End Offices and may only be purchased with Telephone Company Unbundled Switching.

This network element allows a TC access to Unbundled Common transmission facilities, routing on the same basis that the Telephone Company routes and delivers its' own traffic.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.4 Rates and Charges (Cont'd)
5.3.4.2 (Cont'd)

Unbundled Common Transport

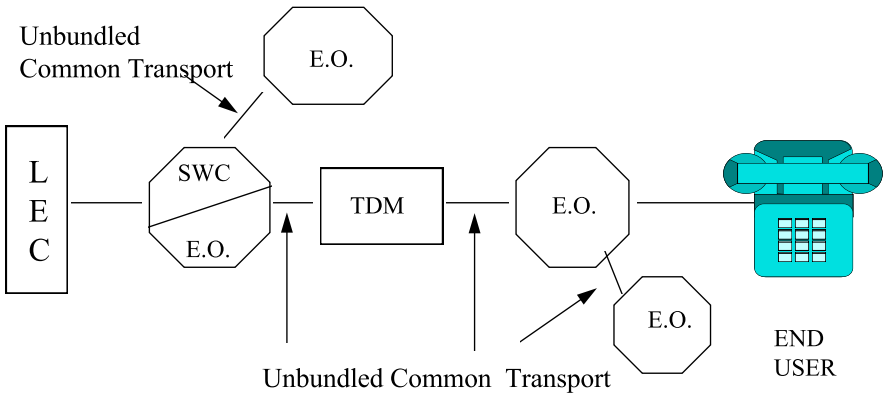


Diagram: 1

Billing Rate Structure:

Billing: The calls routed on the Unbundled Common Transport trunks will be billed an unbundled common transport charge by Minutes of Use (MOU), rated from the Originating TC Node to a Telephone Company End Office based on a composite rate which includes directly routed traffic and Tandem routed traffic. The formula for calculation of this charge may be found in Section 5.6.1.6 following. The Minute Of Use Charge (MOU) will be aggregated at the Telephone Company switch and rounded up to the next whole minute each month.

TCs will be billed the Unbundled Common Transport Charge (UCTC) by Minutes of Use (MOU) for calls originated within the LATA.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.4 Rates and Charges (Cont'd)

5.3.4.3 Unbundled Dedicated Transport provides the TC exclusive use of a point to point transmission path/facility between the TC's collocation arrangements in Telephone Company central offices within the same LATA. (C)

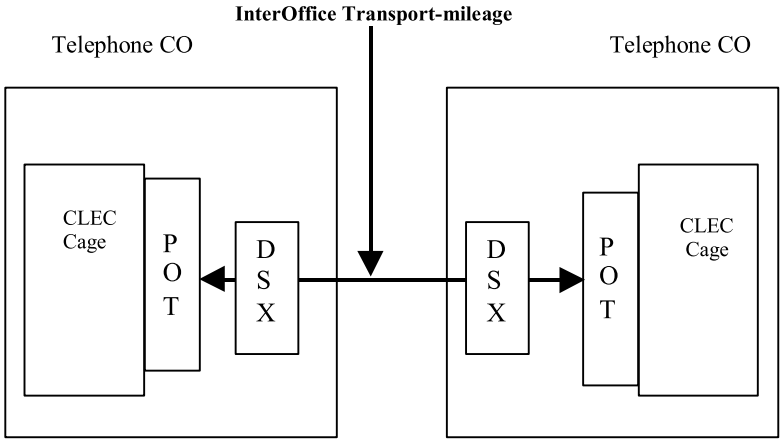


Diagram: 2

Dedicated IOF between existing POTs in Telephone Company central offices (C)
Can be used in conjunction with transport as set forth in Section 5.3.1 preceding:

4. Transport between an End Office or SWC and the IXC POP
6. Transport between an EO or SWC and a TC Location
7. Transport between a Tandem Switch and an IXC POP
8. Transport between a Tandem Switch and a TC Location
9. Transport between a Telephone Company POI and a TC Location
10. Transport between a Tandem POI and a TC Location

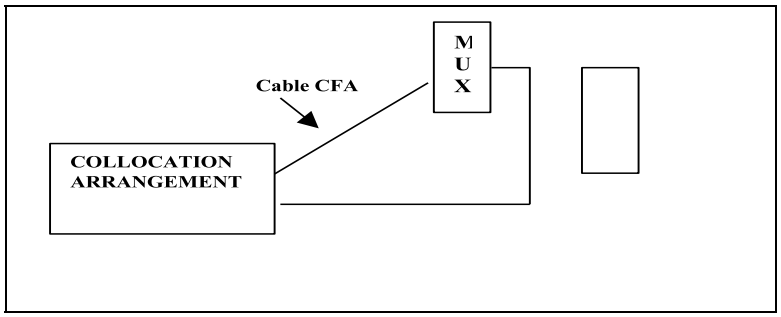
Recurring	Nonrecurring
- For all transmission levels = Yes Fixed Mileage Per Mile	- For all transmission levels = Yes

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.4 Rates and Charges (Cont'd)

5.3.4.4 The Unbundled Multiplexer provides the TC exclusive use of the multiplexing function for both the higher-speed channel and the lower-speed channels that terminate (via appropriate collocation cross-connections) at the TC's Collocation arrangement, in the same central office.

Central Office



DS3 to DS1 or DS1 to DS0 Multiplexing

Diagram: 7
DS3 to DS1 or DS1 to DS0 Multiplexer Connected to existing TC Collocation Arrangement.

Can be used in conjunction with transport as set forth in Section 5.3.1 preceding:

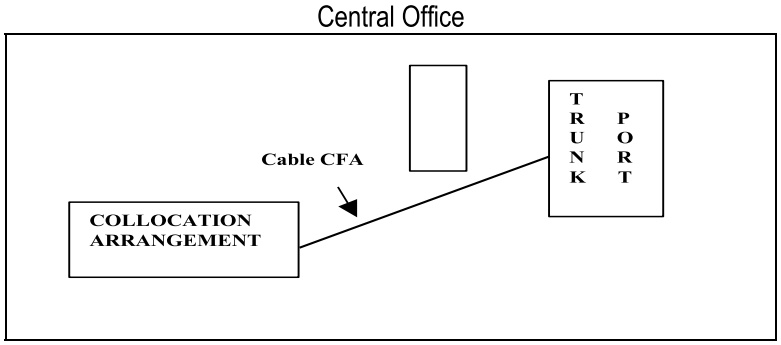
4. Transport between an End Office or SWC and an IXC POP
6. Transport between an End Office or SWC and a TC Location
7. Transport between a Tandem Switch and the IXC POP
8. Transport between a Tandem Switch and a TC Location
9. Transport between a Telephone Company POI and a TC Location
10. Transport between a Tandem POI and a TC Location

Recurring	Nonrecurring
- DS3/1 MUX = Yes	- DS3/1 MUX = Yes
- DS1/0 MUX = Yes	- DS1/0 MUX = Yes
- DS0 Channel = Yes	- DS0 Channel = Yes (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.4 Rates and Charges (Cont'd)

5.3.4.5 The Unbundled Trunk Port provides the TC a switch termination on a Telephone Company switch (i.e., end office or tandem).



Trunk Port connected to Collocation Arrangement

Diagram: 8

Trunk Port to existing TC Collocation Arrangement

Can be used in conjunction with transport as set forth in Section 5.3.1 preceding:

4. Transport between an End Office or SWC and an IXC POP
6. Transport between an End Office or SWC and a TC Location
7. Transport between a Tandem Switch and an IXC POP
8. Transport between a Tandem Switch and a TC Location

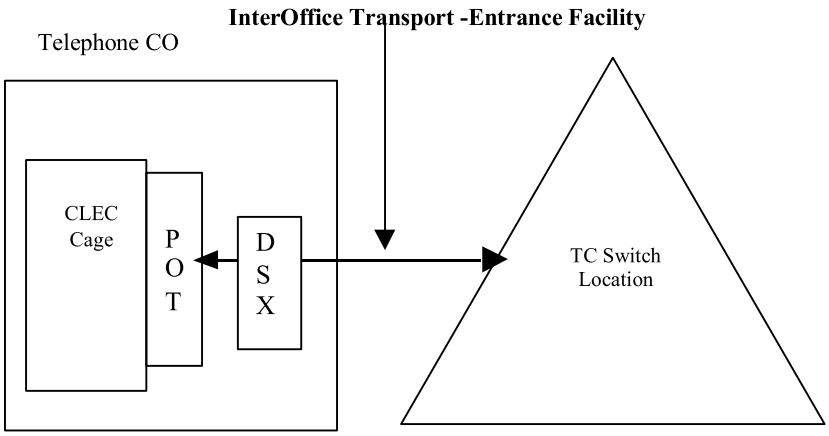
Recurring	Nonrecurring
- Trunk Port = Yes	- Trunk Port = Yes

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.4 Rates and Charges (Cont'd)

5.3.4.6 Unbundled Dedicated Transport - Entrance Facility provides the TC exclusive use of a point to point transmission path facility between the TC's switch location and the Telephone Company serving wire center. (N)

(C)



(C)

Diagram: 12 (D)

Can be used in conjunction with transport as set forth in Section 5.3.1 preceding:

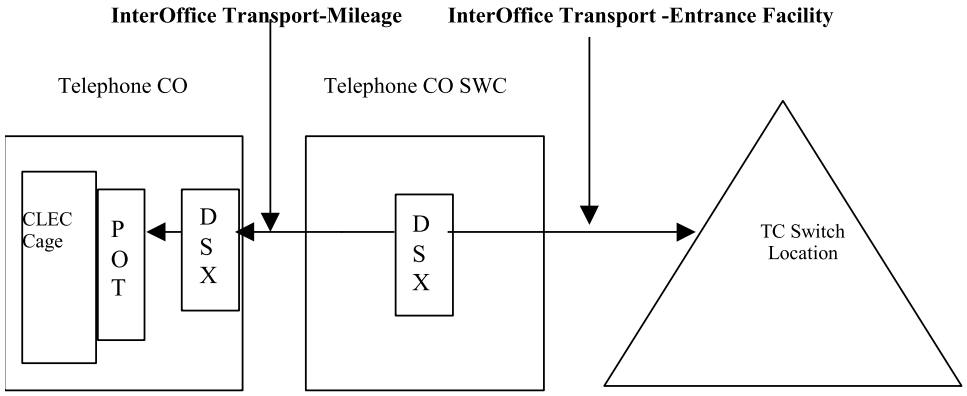
2. Transport between End Offices (EO)
3. Transport between an EO and a Serving Wire Center (SWC)
5. Transport between a Tandem Switch and End Office

Recurring	Nonrecurring	
- For all transmission levels = Yes Entrance Facility Fixed Charge • Per ¼ Mile* *NOTE: Not applicable to DS1	- For all transmission levels = Yes	(C) (C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.4 Rates and Charges (Cont'd)

5.3.4.6 (A) Unbundled Dedicated Transport Entrance Facility with Unbundled Dedicated Transport Mileage provides the TC exclusive use of a point-to-point transmission path facility between the TC's switch location and the TC's collocation arrangement in a Telephone Company central office in the same LATA. For the Entrance Facility, mileage is measured between the Telephone Company serving wire center and the TC's switch location. For interoffice mileage, mileage is measured between the Telephone Company serving wire center and the Telephone Company Central Office where the TC's collocation arrangement resides.



(N)

Diagram: 13

Recurring
- For all transmission levels = Yes
  Entrance Facility
  - Entrance Facility Fixed Charge
  - Per ¼ Mile*
  Interoffice Transport Mileage
  - Fixed Charge
  - Per Mile

Nonrecurring
- For all transmission levels = Yes
- For all transmission levels = Yes

*NOTE: Not applicable to DS1

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.4 Rates and Charges (Cont'd)
5.3.4.7 Unbundled Interoffice Dedicated Facilities

		Monthly Rates	Nonrecurring Charges	Expedited Nonrecurring Charges
(A)	DS1 Interoffice Transport Mileage			
	Nonrecurring Charges			
	Service Order - Per Order		$ 61.63	$ 95.67
	CO Wiring - Per Facility		34.12	48.80
	Provisioning - Per Facility		109.98	159.46
	Monthly Recurring Charges			
	Inter-Office Transport Mileage			
	Fixed	$ 54.72		
	Per Mile Charge	2.05		
	Inter-Office Transport Entrance Facility			
	Nonrecurring Charges			
	Service Order - Per Order		$ 61.63	$ 95.67
	CO Wiring - Per Facility		34.12	48.80
	Provisioning - Per Facility		109.98	159.46
	Recurring Charges			
	Entrance Facility Fixed Charge	$102.75		
(B)	DS3			
	Nonrecurring Charges			
	Service Order - Per Order		$ 61.63	$ 95.67
	CO Wiring - Per Facility		47.77	68.33
	Provisioning - Per Facility		156.79	211.74
	Recurring Charges			
	Inter-Office Transport Mileage			
	Fixed	711.09		
	Per Mile Charge	15.21		

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.4 Rates and Charges (Cont'd)
5.3.4.6 Unbundled Interoffice Dedicated Facilities (Cont'd)

		Monthly Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	
(B)	DS3				(M)(C)
	Inter-Office Transport Entrance Facility				
	Service Order - Per Order		$ 61.63	$ 95.67	
	CO Wiring - Per Facility		47.77	68.33	
	Provisioning - Per Facility		156.79	211.74	
	Entrance Facility Fixed Charge	$801.75			
	Per ¼ Mile Charge	6.38			
(C)	STS-1				
	Inter-Office Transport Mileage				
	Service Order - Per Order		$ 61.63	$95.67	
	CO Wiring - Per Facility		47.77	68.33	
	Provisioning - Per Facility		156.79	211.74	
	Fixed	$711.65			
	Per Mile Charge	15.23			
	Inter-Office Transport Entrance Facility				
	Service Order - Per Order		$ 61.63	$ 95.67	
	CO Wiring - Per Facility		47.77	68.33	
	Provisioning - Per Facility		156.79	211.74	
	Entrance Facility Fixed Charge	$798.90			
	Per ¼ Mile Charge	6.38			(M)(C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.4 Rates and Charges (Cont'd)
5.3.4.6 Unbundled Interoffice Dedicated Facilities (Cont'd)

		Monthly Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	
(D)	Optical OC-3				(M)(C)
	Inter-Office Transport Mileage				
	Service Order - Per Order		$ 61.63	$ 95.67	
	CO Wiring - Per Facility		52.76	75.47	
	Provisioning - Per Facility		190.92	262.27	
	Fixed	$2,250.60			
	Per Mile Charge	49.16			
	Inter-Office Transport Entrance Facility				
	Service Order - Per Order		$ 61.63	$ 95.67	
	CO Wiring - Per Facility		47.77	68.33	
	Provisioning - Per Facility		156.79	211.74	
	Entrance Facility Fixed Charge	$1,387.85			
	Per ¼ Mile Charge	4.79			
(E)	Optical OC-12				
	Inter-Office Transport Mileage				
	Service Order - Per Order		$ 61.63	$ 95.67	
	CO Wiring - Per Facility		52.76	75.47	
	Provisioning - Per Facility		190.92	262.27	
	Fixed	$3,333.63			
	Per Mile Charge	89.82			(M)(C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.4 Rates and Charges (Cont'd)
5.3.4.6 Unbundled Interoffice Dedicated Facilities (Cont'd)

		Monthly Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	
(E)	Optical OC-12				(M)(C)
	Inter-Office Transport Entrance Facility				
	Service Order - Per Order		$ 61.63	$ 95.67	
	CO Wiring - Per Facility		47.77	68.33	
	Provisioning - Per Facility		156.79	211.74	
	Entrance Facility Fixed Charge	$3,436.06			
	Per ¼ Mile Charge	4.79			(M)(C)
(F)	Optical OC-48				(N)
	Inter-Office Transport Mileage				
	Service Order - Per Order		$ 61.63	$ 95.67	
	CO Wiring - Per Facility		52.76	75.47	
	Provisioning - Per Facility		190.92	262.27	
	Fixed	$3,610.04			
	Per Mile Charge	10.82			
	Inter-Office Transport Entrance Facility				
	Service Order - Per Order		$ 61.63	$ 95.67	
	CO Wiring - Per Facility		47.77	68.33	
	Provisioning - Per Facility		156.79	211.74	
	Entrance Facility Fixed Charge	TBD			
	Per ¼ Mile Charge	TBD			(N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.4 Rates and Charges (Cont'd)
5.3.4.6 Unbundled Interoffice Dedicated Facilities (Cont'd)

	Monthly Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	
(F) Unbundled Multiplexing				(T)
(1) Unbundled Multiplexing Arrangements				
DS1 to DS0 (1/0 mux)	$168.67			
DS3 to DS1 (3/1 mux)	448.44			
DS0 Channel on a 1/0 mux	5.43			(C)
(2) Nonrecurring Charges				(C)
DS3 to DS1				
Service Order - Per Order		$ 61.63	$ 95.67	
CO Wiring - Per Facility		27.66	39.56	
Provisioning - Per Facility		161.93	219.36	
DS1 to DS0				
Service Order - Per Order		$ 61.63	$ 95.67	
CO Wiring - Per Facility		27.66	39.56	
Provisioning - Per Facility		116.80	169.56	
DS0 Channel Activation on a DS1 to DS0 Multiplexer				
Service Order - Per Order		$ 9.01	$ 13.99	
CO Wiring - Per Facility		0	0	
Provisioning - Per Facility		93.72	138.32	(C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.3 Unbundled Interoffice Transmission Facilities (Cont'd)
5.3.4 Rates and Charges (Cont'd)
5.3.4.6 Unbundled Interoffice Dedicated Facilities (Cont'd)

(G) Unbundled Common Trunk Charge

Reference Section 5.6.1.6(B) following - Per Minute of Use (MOUs)	All Hours of the Day	(D)
Unbundled Common Tandem Trunk Charge (UTTC)	$0.000203	(D)
Unbundled Common Transport Charge (UCTC)	0.000939	(D)

(H) Rearrangement Charges

	Nonrecurring Charges	Expedited Nonrecurring Charges	
(1) Service Order Charge Per Request	$ 45.77	$ 60.70	
(2) Per Facility			
- DS0 Per Rearrangement	30.37	38.53	(D)
- DS1 Per Rearrangement	46.10	58.60	(D)
- DS3 Per Rearrangement	124.97	139.76	
- OC-3 Per Rearrangement	131.23	147.72	
- OC-12 Per Rearrangement	131.23	147.72	
- OC-48 Per Rearrangement	131.23	147.72	

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.4 Unbundled Tandem Switching

Notwithstanding any other provisions of this Section 5.4, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

5.4.1 General

The tandem switching network element consists of the following: dedicated tandem trunk port; shared tandem trunk ports and tandem usage. A dedicated tandem trunk port has a DS1 bandwidth capable of supporting twenty-four 56 kbps or 64 kbps Clear Channel trunks and includes associated signaling and transmission options. Dedicated trunk ports are rated using a flat monthly (recurring) rate as well as a nonrecurring installation charge. Shared tandem trunk ports are provided to a customer who requests that its traffic be routed over the Telephone Company's unbundled common transport interoffice network. Shared trunk ports are rated on minutes of use (MOU). Tandem usage is recorded for purposes of unbundled element billing for usage traversing a Telephone Company tandem. The tandem usage charge is measured as MOU. Transit tandem and tandem subtending arrangements are provided as described in PSC NY No. 8--COMMUNICATIONS Tariff.

5.4.2 Definitions

Dedicated Tandem Trunk Port - The dedicated trunk port has a DS1 bandwidth capable of supporting twenty-four trunks. Dedicated trunk ports are rated using a flat monthly recurring charge as well as a nonrecurring charge for installation. A TC ordering dedicated trunk ports must also pay for usage of the tandem switch.

Shared TOPS Trunk Port – The shared TOPS trunk port provides TOPS connectivity by routing customer's traffic over the Telephone Company's unbundled common transport interoffice facility (IOF) infrastructure. Shared TOPS trunk ports cannot be separately ordered/provisioned and are rated on minutes of use (MOU).

Group Routings - This refers to the translations, routings and screenings the Telephone Company must perform at its end offices and tandems to make the customer's network operate according to the customer's specifications.

Shared Tandem Trunk Ports - The shared trunk port provides tandem connectivity by routing customer's traffic over the Telephone Company's unbundled common transport interoffice facility (IOF) infrastructure. Shared trunk ports cannot be separately ordered/provisioned and are rated on minutes of use (MOU).

Usage - A tandem usage charge will be assessed for any usage through a tandem switch. The tandem usage charge is rated using minutes of use (MOU).

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.4 Unbundled Tandem Switching (Cont'd)

5.4.3 Regulations

1. Dedicated Trunk Port Features are not orderable on shared tandem trunk ports.

2. When TCs purchase dedicated Tandem Trunk Ports, they are expected to purchase sufficient tandem trunk ports to reach industry standard blocking levels. A charge will be assessed for excessive blocking and any protection measures that the Telephone Company might have to implement as a result of excessive blocking. Overflow to Telephone Company common/shared trunks is allowed as an optional feature.

3. (Reserved for future use)

4. Prior to the ordering of any unbundled trunk ports, the TC must generate a Network Design Request (NDR). From the NDR and working with the TC, the Telephone Company will identify the routings of the TC's traffic and the resulting necessary translations. The NDR process concludes when the TCs network is in place to enable the activation of unbundled end office switching. The charges for the NDR process are set forth in Sections 5.6.1.1(F)(3) and 5.6.1.7 following.

5. Trunk Port Service Intervals

Volume	Interval
New trunk group 1-240 trunks (1-10 DS1s)	60 Business days
Additions to existing groups 1-96 trunks (1-4 DS1s)	30 Business days
Number of trunks exceeds above	Negotiated

If the Telephone Company agrees to provide service on an expedited basis as per the terms in Section 5.1.4 preceding, the per expedited port rates will apply as set forth in Section 5.4.4 following. (C) (C)

6. The Rearrangement charges, if applicable, as set forth in 5.3.4.6(J) preceding, will apply.

7. Where applicable, the Record Change charge, Design Change charge and the Cancellation Charge as set forth in Section 5.11 following will apply.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.4 Unbundled Tandem Switching (Cont'd)

5.4.4 Rates and Charges

Dedicated Tandem Trunk Ports

	Monthly Rates	Nonrecurring Charges: Trunk Port CO Wiring Charge (Per Order)	Nonrecurring Charges: Trunk Port Provisioning Charge	
Tandem Trunk Port				
- per DS1 port	$155.67	$28.64	$465.32	(C)
- per expedited DS1 port	155.67	40.96	619.74	(C)
Shared Trunk Port	All Hours of the Day			(C)
- per MOU per port	$.000570			(C)
Usage	All Hours of the Day			(C)
Tandem Switching				
- per MOU	.000481			(C)

	Nonrecurring Charges	Expedited Nonrecurring Charges	
Service Order per order	$ 9.01	$13.99	(C)
Manual Intervention Surcharge			
- per port	26.56	41.23	(C)

Shared TOPS Trunk Port	All Hours of the Day	(N)
- per MOU per port	.000093	(N)

(D)

(D)
(D)

NETWORK ELEMENTS

(D)

(D)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.5 Links (Local Loops)

Notwithstanding any other provisions of this Section 5.5, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

5.5.1 General

Links (local loops) provide a transmission facility between a distribution frame, or its equivalent, in the Telephone Company's central office, and the network interface device at the end user's premises. Links are always provisioned with a Telephone Company provided network interface device.

5.5.1.1 Types of Links

(A) Two-Wire Links

(1) Description

(a) A two-wire link is available for the transmission of analog or digital signals between the Telephone Company's central office and the network interface device at the end user's premises.

(b) The analog two-wire (Basic Link) provides a channel for the transmission of analog signals with an approximate bandwidth of 300-3000 Hz 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 a Telephone Company's multiplexing arrangement as set forth in the regulations for Unbundled Network Elements - Links in Section 5.14 following. To avoid unacceptable network interference, the analog two-wire link should not be used in the provision of ADSL or HDSL Services. In the case of Unbundled Network Element - Platform service as set forth in Section 5.12 following, the two-wire link is provided from an end user to a Telephone Company Line Port.

(c) The digital two-wire link (Premium Link) provides an enhanced channel, equivalent to a two-wire loop less than 18,000 feet with total bridge tap less than 6,000 feet, 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 a Telephone Company's multiplexing arrangement as set forth in the regulations for Unbundled Network Elements - Links in Section 5.14 following. Digital two-wire link (Premium Link) facilities are equivalent to those used by the Telephone Company to support the Telephone Company's ISDN Basic Service which operates digital signals at 160 Kbps. In the case of Unbundled Network Element-Platform service as set forth in Section 5.12 following, the digital two-wire link is provided from an end user to a Telephone Company Basic ISDN Port.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.1 General (Cont'd)
5.5.1.1 Types of Links (Cont'd)
(A) Two-wire Links (Cont'd)
(1) Description (Cont'd)

(d) The digital two-wire link (ADSL Qualified) provides a channel equivalent to a two-wire, non-loaded, taps/twisted copper pair loop of less than 18,000 feet, including bridged tap, from an end user's premises to a point of interconnection at a Collocation arrangement in the Telephone Company's serving central office. The digital two-wire link 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 link (ADSL Qualified) is available where copper facilities exist. The Telephone Company will not construct new copper facilities to provide these links.

(e) The digital two-wire link (HDSL Qualified) provides a channel equivalent to a two-wire, non-loaded, twisted copper pair loop of less than 12,000 feet, including bridged tap, from an end user's premises to a point of interconnection at a Collocation arrangement in the Telephone Company's serving central office. The digital two-wire link suitable for the transport of a HDSL 784 Kbps digital signal is provisioned in conformance with the technical specifications described in Bell Atlantic Technical Reference TR 72575, Issue 2. The digital two-wire link (HDSL Qualified) is available where copper facilities exist. The Telephone Company will not construct new copper facilities to provide these links.

(2) Regulations

(a) The TC is responsible for coordinating with the Telephone Company to ensure that the unbundled element is installed in accordance with the TC's request.

(b) The TC is responsible for initiating, testing and sectionalizing (isolating) all end user trouble reports. The Telephone Company is responsible for testing, if necessary, with the TC to clear a trouble when the trouble has been previously sectionalized to the link.

(c) If a TC requests the dispatch of a Telephone Company technician to a central office or to an end user's premises and the TC is not ready or the technician cannot gain access to the premises, resulting in the technician being unable to confirm that there is no trouble on the Telephone Company network, the TC Not Ready Charge applies as set forth in Section 5.5.2 following. (C) (C) (C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.1 General (Cont'd)
5.5.1.1 Types of Links (Cont'd)
(A) Two-wire Links (Cont'd)
(2) Regulations (Cont'd)

(d) The TC is responsible for providing a contact number that is readily accessible 24 hours a day, 7 days a week. The Telephone Company's report time starts when the Telephone Company receives the trouble report from the TC.

(e) The Telephone Company is responsible for providing trouble report status when requested by the TC.

(f) The suspension/termination of a TC's link for non-payment or for a cause other than non-payment will result in the suspension/termination of the link. The Telephone Company will notify the TC prior to the termination date.

(g) A change of TC (A) to another TC (B) will be considered a disconnect of the two-wire links from TC (A) and a connect to TC (B). A conversion from a two-wire link to full service will be considered a disconnect from a TC and a connect to a Telephone Company end user.

(h) ┐

(D)

┘

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.1 General (Cont'd)
5.5.1.1 Types of Links (Cont'd)
(A) Two-wire Links (Cont'd)
(2) Regulations (Cont'd)

(i) Rates and Charges are set forth in Section 5.5.2 following. Rates and Charges include recurring and nonrecurring charges for two-wire links. Also included are rates and charges associated with the pre-qualification, ordering and provisioning of two-wire links. The Service Order and Service Connection-Other charges always apply. One Service Order charge applies per order. The Manual Intervention Surcharge applies when the mechanized interface is not used to place the order. The Service Connection Central Office Wiring Charge applies when wiring is required in the central office. The Installation Dispatch rate applies when a technician must be physically dispatched or when a TC requests cooperative testing. The trouble dispatch-misdirect charge applies when a technician is physically dispatched, has full access, and the trouble is not as specified by the TC. The Expedited Charge applies as per the terms in Section 5.1.4 preceding. Rates and Charges for premises visit and TC Not Ready are also included. Additional Manual and Mechanized Loop Qualification, Engineering Query and Engineering Work Order and conditioning charges will apply to ADSL Qualified and HDSL Qualified links when these functions are requested by the TC. (C)

(j) The Telephone Company reserves the right to terminate the TC's link if it creates interference or impairment with other Telephone Company facilities or services. The Telephone Company will work cooperatively with the TC to determine the cause of interference or impairment before terminating the TC's link.

(k) If the TC requests unbundling of one or more 2 wire analog loops provisioned via Integrated Digital Loop Carrier or Remote Switching technology deployed as a Loop Concentrator, the Telephone Company shall move the requested loop(s) to a spare physical loop, if one is existing and available, at no additional charge to the TC. If, however, no spare physical loop is available, the Telephone Company shall within three (3) business days of the TC's request notify the TC of the lack of available facilities. The TC may then at its discretion, make a Network Element Bona Fide Request to provide the unbundled 2 wire analog loop through the demultiplexing of the integrated digitized loop(s) via the BFR Process as described in Section16 following. The TC may also make a BFR for access to unbundled local loops at the loop concentration site point. Standard provisioning intervals shall not apply to Loops provided under this Section 5.5.1(A)(2)(l).

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.1 General (Cont'd)
5.5.1.1 Types of Links (Cont'd)
(A) Two-wire Links (Cont'd)
(2) Regulations (Cont'd)

(I) Customer Specified Signaling Option – Two Wire Analog Loop

The Two-wire Analog Loop with Customer Specified Signaling provides a transmission channel between an end user customer location and a Company central office that is not a part of, or connected to, other Company services. An unbundled 2-wire Analog Loop with Customer Specified Signaling is suitable for the transport of voice grade analog signals and the type of channel supervisory signaling that is specified by the CLEC at the time the service is ordered. (T) (T)

The CLEC can choose from the following signaling options: loop start, ground start*, and loop reverse-battery*. (C) (C)

Loop-start (LS) signaling is a type of switch line signaling in which the network provides a battery source. To initiate a call, end user premises equipment provides a loop closure that causes DC loop current to flow, which the network detects.

Ground-start* signaling is a type of signaling in which one side of the 2-wire loop is momentarily grounded to instantaneously obtain dial tone. Ground-start* signaling is often used with PBXs. (C) (C)

Loop reverse-battery* signaling is a type of switch line DC signaling that uses loop-open and loop-closure signals to indicate on-hook and off-hook signals in one direction, and normal battery polarity and reverse battery* polarity to indicate on-hook and off-hook signals in the other direction. The end of the service that generates loop-open and loop-closure signals is called the originating end, and the other end which generates the normal-battery polarity and reverse-battery* polarity signals is called the terminating end. (C) (C) (C)

* Ground start and Reverse Battery may not be provided over fiber facilities and are only available where suitable facilities exist. (N) (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.1 General (Cont'd)
5.5.1.1 Types of Links (Cont'd)

(B) High Capacity Links

(1) Description

(a) A digital high capacity link provides a two-point digital channel which provides for simultaneous two-way transmission of serial, bipolar (B8ZS), return-to-zero isochronous digital signals at a transmission speed of 1.544 megabits per second (mbps); or for simultaneous two-way transmission of serial, bipolar (B8ZS), return-to-zero, isochronous digital electrical signals at a transmission rate of 44.736 megabits per second (mbps) + 20 ppm.

(b) Digital high capacity links conditioned for 1.544 megabits per second are called 1.5 Mbps Links and are terminated at the TC's collocation presence in the Telephone Company central office where the end user is served or from an end user's premises to a Telephone Company's multiplexing arrangement as set forth in the regulations for Combination of Unbundled Network Elements - Links in Section 5.14 following.

(c) Digital high capacity links conditioned for 45 megabits per second are called 45 Mbps Links and are terminated at the TC's collocation presence in the Telephone Company central office where the end user is served or from an end user's premises to a Telephone Company's mulitplexing arrangement as set forth in the regulations for Combination of Unbundled Network Elements - Links in Section 5.14 following.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.1 General (Cont'd)
5.5.1.1 Types of Links (Cont'd)
(B) High Capacity Links (Cont'd)

(2) Regulations

(a) 1.5 Mbps

(i) 1.5 Mbps links are available on a two-point basis.

(ii) 1.5 Mbps links are furnished on a full-time basis.

(iii) 1.5 Mbps links are designed to provide an average performance of at least 95% error-free transmission measured over a continuous 24 hour period, between the Telephone Company's interfaces using a Telephone Company test Channel Service Unit properly optioned at the time of the test.

(iv) The Telephone Company undertakes to maintain and repair only the facilities which it furnishes hereunder. The TC or TC's end user may not rearrange, disconnect, remove or attempt to repair any equipment installed by the Telephone Company without prior written consent of the Telephone Company.

(v) 1.544 Clear Channel Capability Option

- This option will be available only between locations which are equipped for sending and receiving signals with B8ZS coding/decoding capabilities.

- TC provided equipment must be capable of transmitting and decoding B8ZS signals as described in ANSI T1.102.

- Rates and regulations for 1.5 Mbps links continue to apply except for the TC signal constraints of no more than 15 consecutive zeros and at least three pulses in any 24 bit interval.

- TCs must agree to out-of-service periods required to add this feature to an existing circuit. No credit allowance will be made for the periods of interruption.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.1 General (Cont'd)
5.5.1.1 Types of Links (Cont'd)
(B) High Capacity Links (Cont'd)
(2) Regulations (Cont'd)
(a) 1.5 Mbps (Cont'd)

(vi) If a TC requests the dispatch of a Telephone Company technician to a central office or to an end user's premises and the TC is not ready or the technician cannot gain access to the premises, resulting in the technician being unable to confirm that there is no trouble on the Telephone Company network, the TC Not Ready Charge applies as set forth in Section 5.5.2 following. (C) (C) (C)

(vii) Rates and Charges are set forth in Section 5.5.2 following. Rates and Charges include recurring and nonrecurring charges for high capacity links. Also included are rates and charges associated with the ordering and provisioning of high capacity links. The Service Order and Service Connection-Other charges always apply. One Service Order charge applies per order. The Manual Intervention Surcharge applies when the mechanized interface is not used to place the order. The Service Connection Central Office Wiring Charge applies when wiring is required in the central office. The Installation Dispatch rate applies when a technician must be physically dispatched. The trouble dispatch-misdirect charge applies when a technician is physically dispatched, has full access, and the trouble is not as specified by the TC. The Expedited Charge applies as per the terms in Section 5.1.4 preceding. Rates and Charges for Premises Visit and TC Not Ready are also included. (C)

(b) 45 Mbps Link

(i) 45 Mbps links are available on a two-point basis.

(ii) 45 Mbps links are furnished on a full-time basis.

(iii) 45 Mbps links are provided on digital optical equipment and lightwave facilities selected by the Telephone Company and are provided only from serving wire centers equipped to furnish such service within a LATA.

(iv) 45 Mbps links are subject to the availability of suitable lightwave facilities between the serving wire center and the TC's end user's premises.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.1 General (Cont'd)
5.5.1.1 Types of Links (Cont'd)
(B) High Capacity Links (Cont'd)
(2) Regulations (Cont'd)
(b) 45 Mbps Link (Cont'd)

(v) It is the responsibility of the TC (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 the Telephone Company, and without cost to the Telephone Company: a means of entrance for 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 telephone service is desired.

(vi) This link is designed to provide an average performance of at least 98% error-free seconds transmission measured over a continuous 24 hour period at the Telephone Company interface.

(vii) The TC's end user's equipment must comply with the jitter mask for a DS-3 signal in both transmit and receive directions as specified in ANSI T1.102.

(viii) The Telephone Company undertakes to maintain and repair the facilities which it furnishes hereunder. The TC or TC's end user may not rearrange, disconnect, remove or attempt to repair any equipment installed by the Telephone Company without prior written consent of the Telephone Company.

(ix) Rates and Charges are set forth in Section 5.5.2 following. Rates and Charges include recurring and nonrecurring charges for 45 Mbps Links. Also included are rates and charges associated with the ordering and provisioning of 45 Mbps links. The Service Order and Service Connection-Other charges always apply. One Service Order charge applies per order. The Service Connection Central Office Wiring Charge applies when wiring is required in the central office. The Installation Dispatch rate applies when a technician must be physically dispatched. The trouble dispatch-misdirect charge applies when a technician is physically dispatched, has full access, and the trouble is not as specified by the TC. The Expedited Charge applies as per the terms in Section 5.1.4 preceding. Rates and Charges for Premises Visit and TC Not Ready are also included. (C) (C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.1 General (Cont'd)
5.5.1.1 Types of Links (Cont'd)

(C) Four-Wire Links

(1) Description

(a) A four-wire link is available for the transmission of analog or digital signals using separate transmit and receive paths between the Telephone Company's central office and the network interface device at the end user's premises.

(b) The analog four-wire link provides for the transmission of analog signals with an approximate bandwidth of 300-3000 Hz from an end user's premises to a point of interconnection at a Collocation arrangement in the Telephone Company's central office using separate transmit and receive paths or from an end user's premises to a Telephone Company's multiplexing arrangement as set forth in the regulations for Unbundled Network Elements - Links in Section 5.14 following. The analog four-wire link is called a Basic 4-Wire Link.

(c) The digital four-wire link (HDSL Qualified) provides a channel equivalent to two two-wire, non-loaded, twisted pair copper of less than 12,000 feet, including bridged tap, from an end user's premises to a point of interconnection at a Collocation arrangement in the Telephone Company's serving central office. The digital four-wire link suitable for the transport of a HDSL 1.568 Mbps digital signal is provisioned in conformance with the technical specifications described in Bell Atlantic Technical Reference TR 72575, Issue 2. The digital four-wire link (HDSL Qualified) is available where copper facilities exist. The Telephone Company will not construct new copper facilities to provide these links.

(d) The digital four-wire link (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 link (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 link (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 link (56 KD) is provisioned in conformance with the technical specifications described in Bell Atlantic Technical Reference TR72575, Issue 3.

(2) Regulations

(a) The TC is responsible for coordinating with the Telephone Company to ensure that the unbundled element is installed in accordance with the TC's request.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.1 General (Cont'd)
5.5.1.1 Types of Links (Cont'd)
(C) Four-Wire Links (Cont'd)
(2) Regulations (Cont'd)

(b) The TC is responsible for initiating, testing and sectionalizing (isolating) all end user trouble reports. The Telephone Company is responsible for testing, if necessary, with the TC to clear a trouble when the trouble has been previously sectionalized to the link.

(c) If a TC requests the dispatch of a Telephone Company technician to a central office or to an end user's premises and the TC is not ready or the technician cannot gain access to the premises, resulting in the technician being unable to confirm that there is no trouble on the Telephone Company network, the TC Not Ready Charge applies as set forth in Section 5.5.2 following. (C) (C) (C)

(d) The TC is responsible for providing a contact number that is readily accessible 24 hours a day, 7 days a week. The Telephone Company's report time starts when the Telephone Company receives the trouble report from the TC.

(e) The Telephone Company is responsible for providing trouble report status when requested by the TC.

(f) The suspension/termination of a TC's link for non-payment or for a cause other than non-payment will result in the suspension/termination of the link. The Telephone Company will notify the TC prior to the termination date.

(g) The Telephone Company will, upon a TC's request and at an additional charge, provide information pertaining to the technical parameters of the facility. This information will be provided by day three of a five day interval and will include the facility type (i.e., copper, pair gain or integrated subscriber line carrier) and copper loop resistance (expressed in three ranges: 1-900, 901-1300, and 1301-1800 ohms).

(h) A change of TC (A) to another TC (B) will be considered a disconnect of the four-wire link from TC (A) and a connect to TC (B). A conversion from a four-wire link to full service will be considered a disconnect from a TC and a connect to a Telephone Company end user.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.1 General (Cont'd)
5.5.1.1 Types of Links (Cont'd)
(C) Four-Wire Links (Cont'd)
(2) Regulations (Cont'd)

(i)

(j) Rates and Charges are set forth in Section 5.5.2 following. Rates and Charges include recurring and nonrecurring charges for four-wire links. Also included are rates and charges associated with the pre-qualification, ordering and provisioning of four-wire links. The Service Order and Service Connection-Other (Provisioning) charges always apply. One Service Order charge applies per order. The Manual Intervention Surcharge applies when the mechanized interface is not used to place the order. The Service Connection Central Office Wiring Charge applies when wiring is required in the central office. The Installation Dispatch rate applies when a technician must be physically dispatched or when a TC requests cooperative testing. The trouble dispatch-misdirect charge applies when a technician is physically dispatched, has full access, and the trouble is not as specified by the TC. The Expedited Charge applies as per the terms in Section 5.1.4 preceding. Rates and Charges for premises visit and TC Not Ready are also included. Manual and Mechanized Loop Qualification, Engineering Query and Engineering Work Order charges apply to ADSL Qualified and HDSL Qualified links.

(k) The Company reserves the right to terminate the TC's link if it creates interference or impairment with other Company facilities or services. The Company will work cooperatively with the TC to determine the cause of interference or impairment before terminating the TC's link. (T) (T)

(l) Four Wire Analog Loop with Customer Specified Signaling

This service provides for a four-wire transmission channel between an end user customer location and a Company central office that is not a part of, or connected to, other Company services. An unbundled four-wire analog loop with customer specified signaling is suitable for the transport of voice grade analog signals and the type of channel supervisory signaling that is specified by the CLEC at the time the service is ordered. (T)

The CLEC can choose from the following signaling options: loop start, ground start*, loop reverse-battery* and duplex signaling. (C) (C)

* Ground start and Reverse Battery may not be provided over fiber facilities and are only available where suitable facilities exist. (N) (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.1 General (Cont'd)
5.5.1.1 Types of Links (Cont'd)
(C) Four-Wire Links (Cont'd)
(2) Regulations (Cont'd)

(m) Four Wire Analog Loop with Customer Specified Signaling (Cont'd)

Loop-start (LS) signaling is a type of switch line signaling in which the network provides a battery source. To initiate a call, end user premises equipment provides a loop closure that causes DC loop current to flow, which the network detects.

Ground-start* signaling is a type of signaling in which one side of the 2-wire loop is momentarily grounded to instantaneously obtain dial tone. Ground-start* signaling is often used with PBXs. (C) (C)

Loop reverse-battery* signaling is a type of switch line DC signaling that uses loop-open and loop-closure signals to indicate on-hook and off-hook signals in one direction, and normal battery polarity and reverse battery* polarity to indicate on-hook and off-hook signals in the other direction. The end of the service that generates loop-open and loop-closure signals is called the originating end, and the other end which generates the normal-battery polarity and reverse-battery* polarity signals is called the terminating end. (C) (C) (C)

Duplex signaling is a type of DC signaling that employs symmetrical and balanced signaling equipment at each end of the loop. One simplex conductor of the 4-wire loop is used for signaling and the other simplex conductor is used for ground potential compensation.

* Ground start and Reverse Battery may not be provided over fiber facilities and are only available where suitable facilities exist. (N) (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.1 General (Cont'd)
5.5.1.1 Types of Links (Cont'd)

(D) Digital Designed Links

(1) Description

The Telephone Company will undertake to condition or extend links when these functions are requested by the TC. The Telephone Company will make Digital Designed Links available for this purpose. These links will be available as designed links of types listed below. Requests for additional types of conditioning will be handled on a Bona Fide Request basis as set forth in Section 5.15 following.

(a) Two-wire Digital ADSL conditioned Designed Metallic Link with total loop lengths of 18,000 to 30,000 feet, no load coils, with an option to remove bridged tap;

(b) Two-wire ADSL Qualified Link of less than 18,000 feet with an option to remove bridged tap;

(c) Two-wire ADSL Qualified Link of less than 12,000 feet with an option to remove bridged tap;

(d) Two-wire HDSL Qualified Link of less than 12,000 feet with an option to remove bridged tap;

(e) Four-wire HDSL Qualified Link of less than 12,000 feet with an option to remove bridged tap; and

(f) Two-wire Digital Designed Metallic Premium Link with Telephone Company placed ISDN loop extension electronics.

(2) Regulations

(a) The two-wire link and four-wire link regulations set forth in Sections 5.5.1.1(A) and (C) preceding apply to Digital Designed Links based on the underlying link associated with the Digital Designed Link ordered.

(b) Rates and Charges are set forth in Section 5.5.2 following. Rates and Charges include recurring and nonrecurring charges for ADSL Qualified Link, HDSL Qualified Link, or Premium Link based on the underlying link associated with the Digital Designed Link ordered. Also included are the following monthly and nonrecurring charges:

- Mechanized Loop Qualification Charge – applies to any loop which is pre-qualified using the Telephone Company's mechanized loop qualification database. It applies on a monthly basis.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.1 General (Cont'd)
5.5.1.1 Types of Links (Cont'd)
(D) Digital Designed Links (Cont'd)
(2) Description (Cont'd)
(b) (Cont'd)

- 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 metallic loop length (including bridged taps), presence of load coils (yes or no), presence of Digital Loop Carrier (yes or no), and qualification for ADSL/HDSL per Telephone Company standards (yes or no).

- Engineering Query Charge – applies when a TC requests additional loop makeup information from the Telephone Company records in addition to that supplied by the Manual Qualification. Information such as amount and location of bridged taps, number and location of load coils, location of DLC, or cable gauge at specific locations, from Telephone Company cable records may be requested. The Engineering Query Charge will always apply when a TC orders a Digital Designed Loop.

- Engineering Work Order Charge is a nonrecurring charge which applies when a TC orders a Digital Designed Loop. The charge covers the engineering costs associated with verifying facilities availability, writing the work order and preparing the special bill generated as a result of construction.

- Addition of ISDN Loop Extension Electronics Charge is a nonrecurring charge that applies when the Telephone Company adds electronics to Two-Wire Digital Premium Link so that it may provide service at lengths greater than 18,000 feet.

- Removal of Bridge Taps Charges are nonrecurring charges that apply when the Telephone Company removes bridged taps at the request of the TC. There is one charge for removal of a single, bridged tap. There is a different charge if multiple bridged taps are removed. This charge will not apply when a loop of less than 18,000 feet has bridged taps above 6,000 feet removed so that the total bridged tap length does not exceed 6,000 feet.

- Removal of Load Coil Charges are nonrecurring charges that apply when the Telephone Company removes load coils. The charge varies depending on the length of the loop and is based on the premise that loops are deloaded on average in batches of ten. As a result, first and additional nonrecurring charges may apply depending upon whether the work required is the first incident of load coil removal or, is an additional incident of load coil removal. No charge applies for removal of load coils on loops of less than 18,000 feet. (C) (C) (C) (C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges

	Monthly Rates	USOC	
Two-Wire Links – Analog			
Density Zone 1A#	7.70	ULB	
Density Zone 1B#	11.31	ULB	
Density Zone 2#	15.51	ULB	
Digital (Premium) - Per Link	Monthly Rate		
Density Zone 1A#	11.93	2NL	
Density Zone 1B#	16.70	2NL	
Density Zone 2#	22.70	2NL	
Digital (ADSL Qualified) - Per Link			
Density Zone 1A#	7.70	(NOTE)	
Density Zone 1B#	11.31	(NOTE)	
Density Zone 2#	15.51	(NOTE)	
Digital (HDSL Qualified) - Per Link			
Density Zone 1A#	7.70	(NOTE)	
Density Zone 1B#	11.31	(NOTE)	
Density Zone 2#	15.51	(NOTE)	
Mechanized Loop Qualification			
(ADSL/HDSL Qualified) Per Link	0.51	(NOTE)	
Customer Specified Signaling	Monthly Rates	USOC	
Two-Wire Analog Loop Ground Start*			(C)
Density Zone 1A#	10.63		(T)
Density Zone 1B#	14.21		(T)
Density Zone 2#	18.42		(T)
			(T)
Customer Specified Signaling			
Two-Wire Analog Loop - Reverse Battery*			(C)
Density Zone 1A#	12.47		(T)
Density Zone 1B#	16.04		(T)
Density Zone 2#	20.25		(T)

See Appendix A for Density Zones 1A, 1B and 2 Wire Centers/Exchanges. (T)

* Ground start and Reverse Battery may not be provided over fiber facilities and are only available where suitable facilities exist. (N) (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

Customer Specified Signaling	Monthly Rates	USOC
Two-Wire Analog Loop Electronic Business Set		
Density Zone 1A#	23.98	(NOTE)
Density Zone 1B#	27.47	(NOTE)
Density Zone 2#	31.72	(NOTE)
Customer Specified Signaling Two-Wire Analog Loop – Coin		
Density Zone 1A#	10.40	(NOTE)
Density Zone 1B#	13.99	(NOTE)
Density Zone 2#	18.20	(NOTE)
High Capacity Links		
Conditioned for 1.544 Mbps Per Link		
Density Zone 1A#	$ 82.92	ULC1X
Density Zone 1B#	98.18	ULC1X
Density Zone 2#	129.39	ULC1X
Conditioned for 45 Mbps		
Density Zone 1A#	801.75	ULC3X
Density Zone 1B#	801.75	ULC3X
Density Zone 2#	801.75	ULC3X
Conditioned for 45 Mbps Mileage (per 1/4 mile)		
Density Zone 1A#	6.38	ULO5A
Density Zone 1B#	6.38	ULO5A
Density Zone 2#	6.38	ULO5A

See Appendix A for Density Zones 1A, 1B and 2 Wire Centers/Exchanges.
(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Monthly Rates	USOC
Four-Wire Links		
Analog		
Density Zone 1A#	$21.13	ULB1X
Density Zone 1B#	26.99	ULB1X
Density Zone 2#	34.64	ULB1X
Digital HDSL Qualified		
Density Zone 1A#	21.13	(NOTE)
Density Zone 1B#	26.99	(NOTE)
Density Zone 2#	34.64	(NOTE)
Mechanized Loop Qualification (HDSL Qualified)		
Per link	0.51	(NOTE)
Digital 56 KD		
Density Zone 1A#	21.13	(NOTE)
Density Zone 1B#	26.99	(NOTE)
Density Zone 2#	34.64	(NOTE)
Customer Specified Signaling		
Four-Wire Analog Loop		
Density Zone 1A#	21.13	(NOTE)
Density Zone 1B#	26.99	(NOTE)
Density Zone 2#	34.64	(NOTE)

See Appendix A for Density Zones 1A, 1B and 2 Wire Centers/Exchanges.

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	Expedited Nonrecurring Charges
Other Charges		
Two-Wire Analog		
Service Order		
Per order	$ 9.01	$13.99
Manual Intervention Surcharge		
Per order	26.56	41.23
Service Connection Central Office Wiring		
1st link	39.59	56.64
Additional link	19.62	28.06
Service Connection – Other (Provisioning)		
1st link	0.13	0.19
Additional link	0.13	0.19

(D)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Other Charges (Cont'd)					
Two-Wire Analog (Cont'd)					
Installation Dispatch					
1 Link	$114.06	NR93S	160.65		(C)
Additional Links					
- per link	38.75	NR93T	54.57		
TC Not Ready					
- per occasion	73.10	NR9UN	N/A		
Two-Wire Digital (Premium)					
Service Order					
Per order	9.01	(NOTE)	$ 13.99	EODCL	
Manual Intervention Surcharge					
Per order	26.56	NR9U5	41.23	EODCF	

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Other Charges (Cont'd)					
Two-Wire Digital (Premium) (Cont'd)					
Service Connection Central Office Wiring					
1st link	$ 39.59	NR93Q	$ 56.64	EODCJ	
Additional link	19.62	NHCKY	28.06	NHCKF	
Service Connection - Other (Provisioning)					
1st link	0.13	NR93R	0.19	EODCK	
Additional link	0.13	NHCKZ	0.19	NHCKG	
Installation Dispatch					
1st link	114.06		160.65		(C)
Additional link	38.75		54.57		
TC Not Ready					
- per occasion	73.10	NR9UN	N/A		

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Other Charges (Cont'd)					
Two-WIre Digital (ADSL Qualified)					
Service Order					
Per order	$ 10.94		$16.98		
Manual Intervention Surcharge					
Per order	29.09	NR9U5	45.16	EODCF	
Service Connection Central Office Wiring					
1st link	39.60	NR93Q	56.64	EODCJ	
Additional link	16.38	NHCKY	23.42	NHCKF	
Service Connection - Other (Provisioning)					
1st link	0.13	NR93R	0.19	EODCK	
Additional link	0.13	NHCKZ	0.19	NHCKG	
Installation Dispatch					
1st link	114.06		160.65		(C)
Additional link	38.75		54.57		

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Other Charges (Cont'd)					
Two-WIre Digital (ADSL Qualified) (Cont'd)					
TC Not Ready					
- per occasion	$73.10	NR9UN	N/A		(C)
Manual Loop Qualification					
- per link	95.52	NR937	137.12	(NOTE)	(C)
Engineering Query					
- per link	169.64	(NOTE)	242.46	(NOTE)	(C)
Engineering Work Order					
- per link	729.53	(NOTE)	1,029.03	(NOTE)	(C)

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Other Charges (Cont'd)					
Two-Wire Digital (HDSL Qualified)					
Service Order					
Per order	$ 10.94	N/A	$16.98	EODCB	
Manual Intervention Surcharge					
Per order	29.09	NR9U5	45.16	EODCF	
Service Connection Central Office Wiring					
1st link	39.60	NR93Q	56.64	EODCJ	
Additional link	16.38	NHCKY	23.42	NHCKF	
Service Connection - Other					
1st link	0.13	NR93R	0.19	EODCK	
Additional link	0.13	NHCKZ	0.19	NHCKG	
Installation Dispatch					
1st link	114.06	N/A	160.65	N/A	(C)
Additional link	38.75	N/A	54.57	N/A	

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Other Charges (Cont'd)					
Two-Wire Digital (HDSL Qualified) (Cont'd)					
TC Not Ready - per occasion	$73.10	NR9UN	N/A		(C)
Manual Loop Qualification - per link	95.52	NR937	137.12	(NOTE)	
Engineering Query - per link	169.64	(NOTE)	242.46	(NOTE)	
Engineering Work Order - per link	729.53	(NOTE)	1,029.03	(NOTE)	(C)

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Other Charges (Cont'd)					
1.5 Mbps					
Service Order					
Per Order	$ 9.01	NR93M	$ 13.99	EODCB	(C)
Manual Intervention Surcharge					
Per order	26.56	NR9U5	41.23	EODCF	(C)
Service Connection Central Office Wiring					
1st link	40.14	NR93Q	57.41	EODCJ	(C)
Additional link	23.40	NHCKY	33.48	NHCY	(C)
Service Connection – Other (Provisioning)					
1st link	0.13	NR93R	0.19	EODCK	(C)
Additional link	0.13	NHCKZ	0.19	NHCKZ	(C)
Installation Dispatch					
1 Link	147.99	NR93S	208.44		(C)
Additional Link	78.19	NR93T	110.13		(C)
TC Not Ready					
- per occasion	73.10	NR9UN	N/A		(C)

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited NRCs	USOC	
Other Charges (Cont'd)					
45 Mbps					
Service Order					
per order	$61.63	NR93M	$95.67	EODCB	(C)
Service Connection Central Office Wiring					
per link	47.77	NR93Q	68.33	EODCJ	(C)
Service Connection – Other (Provisioning)					(C)
per link	156.79	NR93R	211.74	EODCK	(C)
Installation Dispatch					
1st link	147.99		208.44		(C)
Additional link	78.19		110.13		(C)
TC Not Ready					
-per occasion	73.10		N/A		(C)

(D)
(D)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Other Charges (Cont'd)					
Four-Wire Analog					
Service Order					
Per order	$ 9.01	(NOTE)	$ 13.99	EODCB	
Manual Intervention Surcharge					
Per order	26.56	NR9U5	41.23	EODCF	
Service Connection					
Central Office Wiring					
1st link	40.14	NR93Q	57.41	EODCJ	
Additional link	23.40	NHCKY	33.48	NHCKF	
Service Connection					
- Other (Provisioning)					
1st link	0.13	NR93R	0.19	EODCK	
Additional link	0.13	NHCKZ	0.19	NHCKG	
Installation Dispatch					
1 Link	114.06	NR93S	160.65		(C)
Additional link	38.75	NR93T	54.57		

(NOTE) USOC to be determined a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	
Other Charges (Cont'd)		
Four-Wire Analog (Cont'd)		
TC Not Ready		
- per occasion	$73.10	(C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Other Charges (Cont'd)					
Four-Wire Digital (HDSL Qualified)					
Service Order					
Per order	$10.94	N/A	$ 16.98	EODCB	
Manual Intervention Surcharge					
Per order	29.09	NR9U5	45.16	EODCF	
Service Connection Central Office Wiring					
1st link	39.60	NR93Q	56.64	EODCJ	
Additional link	16.38	NHCKY	23.42	NHCKF	
Service Connection - Other (Provisioning)					
1st link	0.13	NR93R	0.19	EODCK	
Additional link	0.13	NHCKZ	0.19	NHCKG	
Installation Dispatch					
1st link	114.06	N/A	160.65	N/A	(C)
Additional link	38.75	N/A	54.57	N/A	

(NOTE) USOC to be determined a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Other Charges (Cont'd)					
Four-Wire Digital (HDSL Qualified) (Cont'd)					
TC Not Ready - per occasion	$73.10	NR9UN	N/A		(C)
Manual Loop Qualification -per link	95.52	NR937	137.12	(NOTE)	(C)
Engineering Query -per link	169.64	(NOTE)	242.46	(NOTE)	(C)
Engineering Work Order -per link	729.53	(NOTE)	1,029.03	(NOTE)	(C)

(NOTE) USOC to be determined a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Other Charges (Cont'd)					
Four-Wire Digital 56 KD					
Service Order					
Per order	$ 9.01	(NOTE)	$13.99	EODCB	
Manual Intervention Surcharge					
Per order	26.56	NR9U5	41.23	EODCF	
Service Connection					
Central Office Wiring					
1st link	40.14	NR93Q	57.41	EODCJ	
Additional link	23.40	NHCKY	33.48	NHCKF	
Service Connection - Other (Provisioning)					
1st link	0.13	NR93R	0.19	EODCK	
Additional link	0.13	NHCKZ	0.19	NHCKG	
Installation Dispatch					
1 Link	114.06	NR93S	160.65		(C)
Additional link	38.75	NR93T	54.57		

(NOTE) USOC to be determined a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Other Charges (Cont'd)					
Four-Wire Digital 56 KD (Cont'd)					
TC Not Ready					
- per occasion	$73.10	(NOTE)	N/A		
Customer Specified Signaling 2 Wire Analog Loop (Ground Start*, Reverse Battery*, EBS, Coin)					(C)
Service Order					
- Per order	9.01	(NOTE)	13.99		(T)
Manual Intervention					
- Per order	26.56	NR9U5	41.23	EODCF	
Service Connection Central Office Wiring					
- 1st link	41.10	NR93Q	58.78	EODCJ	
- Additional link	22.60	NHCKY	32.33	NHCKF	
Service Connection Other (Provisioning)					
- 1st link	0.13	NR93R	0.19	EODCK	
- Additional link	0.13	NHCKZ	0.19	NHCKG	
Installation Dispatch					
- 1st link	151.38	NR93S	213.22		(T)
- Additional link	83.27	NR93T	117.29		(T)
TC Not Ready					
- per occasion	$73.10	(NOTE)	N/A		

(T)

* Ground start and Reverse Battery may not be provided over fiber facilities and are only available where suitable facilities exist. (N) (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Other Charges (Cont'd)					
Customer Specified Signaling 4 Wire Analog Loop					(N)
Service Order - Per order	9.01	(NOTE)	13.99	EODCB	
Manual Intervention - Per order	26.56	NR9U5	41.23	EODCF	
Service Connection Central Office Wiring - 1st link	46.55	NR93Q	66.58	EODCJ	
- Additional link	31.93	NHCKY	45.67	NHCKF	
Service Connection Other (Provisioning) - 1st link	0.13	NR93R	0.19	EODCK	
- Additional link	0.13	NHCG	0.19	NHCKG	
Installation Dispatch - 1st link	174.26	NR93S	245.43	(NOTE)	
- Additional link	99.91	NR93T	140.72	(NOTE)	
TC Not Ready - per occasion	$73.10	(NOTE)	N/A		(N)

(NOTE) USOC to be determined a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	Expedite Nonrecurring Charges	
Other Charges (Cont'd)			
Digital Designed Links			
Two-Wire Digital Designed*			
Metallic (18,000 to 30,000 feet)			
Removal of Load Coils (up to 21,000 feet)			
-Initial	$1,445.18	$2,023.26	(C)
-Subsequent	198.20	277.47	(N)
Removal of Load Coils (up to 27,000 feet)			
-Initial	1,923.13	2,692.38	(C)
-Subsequent	263.88	369.43	(N)
Removal of one Bridged Tap			
-per link	335.69	469.97	(C)
Removal of Multiple Bridged Taps			
-per link	822.54	1,151.56	
Engineering Query			
-per link	169.64	242.46	
Engineering Work Order			
-per link	729.53	1,029.03	
Two-Wire ADSL Compatible*			
(Less than 18,000 feet)			
Removal of one Bridged Tap			
-per link	335.69	469.97	
Removal of Multiple Bridged Taps			
-per link	822.54	1,151.56	
Engineering Query			
-per link	169.64	242.46	
Engineering Work Order			
-per link	729.53	1,029.03	(C)

* In addition, all monthly rates and nonrecurring charges associated with Two-Wire Digital Link (ADSL Qualified), as set forth in this Section 5.5.2 apply.

(D)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	Expedite Nonrecurring Charges	
Other Charges (Cont'd)			(C)
Digital Designed Links (Cont'd)			
Two-Wire ADSL Compatible* (Less than 12,000 feet)			
Removal of one Bridged Tap -per link	335.69	469.97	
Removal of Multiple Bridged Taps -per link	822.54	1,151.56	
Engineering Query -per link	169.64	242.46	
Engineering Work Order -per link	729.53	1,029.03	
Two-Wire HDSL Compatible** (Less than 12,000 feet)			
Removal of one Bridged Tap -per link	335.69	469.97	
Removal of Multiple Bridged Taps -per link	822.54	1,151.56	
Engineering Query -per link	169.64	242.46	
Engineering Work Order -per link	729.53	1,029.03	(C)

* In addition, all monthly rates and nonrecurring charges associated with Two-Wire Digital Link (ADSL Qualified), as set forth in this Section 5.5.2 apply.
** In addition, all monthly rates and nonrecurring charges associated with Two-Wire Digital Link (HDSL Qualified), as set forth in this Section 5.5.2 apply.

(D)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

	Nonrecurring Charges	Expedite Nonrecurring Charges	
Other Charges (Cont'd)			
Digital Designed Links (Cont'd)			
Four-Wire HDSL Compatible*			
(Less than 12,000 feet)			
Removal of one Bridged Tap			
-per link	335.69	469.97	
Removal of Multiple Bridged Taps			
-per link	822.54	1,151.56	
Engineering Query			
-per link	169.64	242.46	
Engineering Work Order			
-per link	729.53	1,029.03	
Two-Wire Digital Designed**			
With IDSN loop extension			
electronics on metallic portion			
Removal of Load Coils (up to 21,000 feet)			
-Initial	1,445.18	2,023.26	
-Subsequent	198.20	277.47	
Removal of Load Coils (up to 27,000 feet)			
-Initial	1,923.13	2,692.38	
-Subsequent	263.88	369.43	
Additional of ISDN Loop Extension Electronics			
-per link	946.93	956.27	(C)
Engineering Query			
-per link	169.64	242.46	
Engineering Work Order			
-per link	729.53	1,029.03	

* In addition, all monthly rates and nonrecurring charges associated with Four-Wire Digital Link (HDSL Qualified), as set forth in this Section 5.5.2 apply.

** In addition, all monthly rates and nonrecurring charges associated with Two-Wire Digital Link (Premium Link), as set forth in this Section 5.5.2 apply.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

(D)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

(D)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.2 Rates and Charges (Cont'd)

Other Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited NRCs	USOC
5.5.2.1 Trouble Dispatches - Misdirects				
Dispatch In (to Central Office)	$ 43.55		$ 63.79	
Dispatch Out (to Customer Premises)	121.86		173.79	

(D)

(D)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)

5.5.3 Installation Intervals

The following installation intervals apply to link requests that can be accommodated by the Telephone Company with existing facilities. Where facilities do not exist, the installation interval will be a negotiated interval.

Link Type	Installation Interval
Analog Two-Wire	Appointment Per SMARTS* or Quantities of 10 or greater will be provided on a negotiated interval subject to facilities availability.
Digital Two-Wire (Premium Link)	Appointment Per SMARTS* or Quantities of 10 or greater will be provided on a negotiated interval subject to facilities availability.
Digital Two-Wire (ADSL Qualified)	After pre-qualification is completed, appointment per SMARTS* or Quantities of 10 or greater will be provided on a negotiated interval subject to facilities availability.
Digital Two-Wire (HDSL Qualified)	After pre-qualification is completed, appointment per SMARTS* or Quantities of 10 or greater will be provided on a negotiated interval subject to facilities availability.
Digital High Capacity	
1.5 Mbps	7 Business Days or SMARTS* (whichever is greater)
45 Mbps	Negotiated Interval

* SMARTS Clock is a system that analyzes work required on an order and compares it to available work forces. Local supervisors input the work force availability on a daily basis in advance. The SMARTS Clock fills up a day's schedule on a first in first out basis until 90% of available force is scheduled. The available force works both maintenance and installation. Reseller and network element orders are in the same queue as the Telephone Company's end users. Intervals can be as short as one day and, in most cases, less than five days. The Telephone Company's target standard of performance is to have 85% of POTS orders provisioned in less than five days. Orders with requested due dates in excess of five days are excluded from this measure.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.3 Installation Intervals (Cont'd)

Link Type	Installation Interval
Analog Four-Wire	7 Business Days or SMARTS* (whichever is greater)
Digital Four-Wire (HDSL Qualified)	After pre-qualification is completed, appointment per SMARTS* or Quantities of 10 or greater will be provided on a negotiated interval subject to facilities availability.
Line Sharing/Line Splitting	After pre-qualification is completed,
1-9 Links	3 Business Days
10+	Negotiated Interval
Digital Four-Wire	
56 KD	
1-4 Links	12 Business Days
5-8 Links	17 Business Days
9-12 Links	21 Business Days
13+	Negotiated Interval
Manual Loop Qualification	3 Business Days**
Engineering Query	3 Business Days**

(D)

* SMARTS Clock is a system that analyzes work required on an order and compares it to available work forces. Local supervisors input the work force availability on a daily basis in advance. The SMARTS Clock fills up a day's schedule on a first in first out basis until 90% of available force is scheduled. The available force works both maintenance and installation. Reseller and network element orders are in the same queue as the Telephone Company's end users. Intervals can be as short as one day and, in most cases, less than five days. The Telephone Company's target standard of performance is to have 85% of POTS orders provisioned in less than five days. Orders with requested due dates in excess of five days are excluded from this measure.

** Orders for 10 or greater loops will be provided on a negotiated interval subject to availability of facilities.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.3 Installation Intervals (Cont'd)

Link Type	Installation Interval
Digital Designed Links	Upon completion of link** qualification process and receipt of completed order for Digital Designed Link, 15 Business Days is the standard interval for construction work**, plus normal interval for underlying ADSL Qualified, HDSL Qualified or Premium Link.

5.5.4 Ordering Requirements for ADSL, HDSL and Digital Designed Links/Line Sharing and Line Splitting Arrangements (C)

5.5.4.1 The following ordering procedures shall apply to the ADSL, HDSL and Digital Designed Links described in this Section 5.5. In addition, the following ordering procedures will apply to Line Sharing and Line Splitting arrangements as described in Section 5.18 following. (C) (C)

(A) Links must be pre-qualified to check for the availability of facilities and to ensure that the loop being provisioned meets the technical characteristics of a link able to provide compatible ADSL signals, HDSL signals or Line Sharing/Line Splitting arrangements, as applicable. (C)

(B) A mechanized pre-qualification database is currently being built on a central office by central office basis. The TC must utilize this database in advance of submitting an LSR to determine whether a given loop is qualified. Rates for Mechanized Loop Qualification are set forth in Section 5.5.2 preceding and Section 5.18.4 following.

(C) If the mechanized database shows that a loop does not qualify, the TC may request a Manual Loop Qualification to determine whether this result is due to the presence of load coils, presence of Digital Loop Carrier or loop length (including bridged tap). Rates for Manual Loop Qualification are set forth in Section 5.5.2 preceding and Section 5.18.4 following.

(D) The TC may request Manual Loop Qualification where no mechanized loop qualification database is available. Rates for Manual Loop Qualification are set forth in Section 5.5.2 preceding and Section 5.18.4 following.

** Orders for 10 or greater loops will be provided on a negotiated interval subject to availability of facilities.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.4 Ordering Requirements for ADSL, HDSL and Digital Designed Links/Line Sharing and Line Splitting Arrangements (Cont'd) (C)
5.5.4.1 (Cont'd)

(E) If the TC submits an order for an ADSL, HDSL, Premium or Line Sharing/Line Splitting link that is not qualified, the Telephone Company will respond back to the TC with a "Non-qualified" indicator. The TC may either request an Engineering Query, or submit an order for Digital Designed Loop. (C)

(F) The TC may submit an Engineering Query in order to obtain additional information about a link from the Telephone Company's records that is not available through the Manual Loop Qualification. For example, a TC may submit an Engineering Query to request a review of manual loop records in order to determine location and length of bridge taps.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)

5.5.5 Hot Cuts

5.5.5.1 General

(A) This Section 5.5.5 (the "Hot Cut Tariff") of Telephone Company Tariff PSC No. 10 (the "Tariff") sets forth certain terms and conditions under which the Telephone Company offers Hot Cuts to requesting TCs. (D)

(D)

(B) The Telephone Company offers four types of Hot Cuts under this Hot Cut Tariff: Basic Hot Cuts, Large Job Hot Cuts, Batch Hot Cuts, and Non-WPTS Basic Hot Cuts.

(C) References in this Tariff to unbundled local switching, unbundled loops, UNE Platforms, or other network elements or network element combinations do not create any new obligation on the part of the Telephone Company, or expand any existing obligation, to provide such network elements or network element combinations on an unbundled basis.

5.5.5.2 Definitions

(A) These definitions set forth the meaning of certain terms for purposes of this Hot Cut Tariff only. They are not intended to determine the sense in which the terms are used in other contexts or other documents.

(B) Hot Cut - A "Hot Cut" is the process by which a working Telephone Company loop that is being used to provide voice service to a particular end user, is disconnected from a port on one carrier's switch, and is reconnected to a port on a different carrier's switch, without any significant out-of-service period. Prior to the Hot Cut, the loop in question may be any of the following: (a) a loop being used to provide Telephone Company retail service; (b) a loop being used to provide resold service; (c) a part of a UNE Platform arrangement, as described in Telephone Company Tariff PSC No. 10, Section 5.12; or (d) a UNE loop connected, through a TC collocation arrangement, to a TC's switch. After the Hot Cut, the loop will be connected to the switch of the TC that ordered the Hot Cut.

(C) UNE-L to UNE-L Hot Cut - A UNE-L to UNE-L Hot Cut is a Hot Cut in which the Telephone Company loop is initially connected to a TC's switch, as described in section 5.5.5.2(B)(d) above. This term is defined solely to clarify the application of particular regulations in this Hot Cut Tariff, and does not describe a separate type of Hot Cut for ordering or rate application purposes.

(D) "OLSP," or "Old Local Service Provider," is the carrier that provides retail local exchange service to the end user customer prior to the Hot Cut. (M)
(M)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.5 Hot Cuts (Cont'd)
5.5.5.2 Definitions (Cont'd)

(E) WPTS - "WPTS" refers to the Wholesale Provisioning and Tracking System, an automated system used by the Telephone Company for the purpose of delivering information to TCs relating to the status of Hot Cut orders, for receiving information or instructions relating to Hot Cut orders from TCs, for retrieving information relating to Hot cut orders from other Telephone Company systems, and for generating reports. The term is also used in this Tariff to refer to any system subsequently utilized by the Telephone Company to perform similar functions in place of or in addition to the version of WPTS that is being utilized as of the effective date of this Tariff.

(F) IDLC Loop - An "IDLC" loop is a loop that utilizes Integrated Digital Loop Carrier technology.

(G) UDLC Loop – An "UDLC" loop is a loop that utilizes Universal Digital Loop Carrier technology.

(H) Cutover - "Cutover" refers to the final physical movement of wires resulting in the disconnection of the Telephone Company loop from the original switch and its reconnection to another carrier's switch.

(I) Due Date - The "Due Date" for a loop included in a Hot Cut order is the date on which the cutover of the loop is scheduled to occur.

(J) Basic Hot Cut - A Basic Hot Cut is a Hot Cut that is not a Large Job Hot Cut or a Batch Hot Cut, as defined below, and in which the TC is certified to use and agrees to use WPTS.

(K) Non-WPTS Basic Hot Cut - A Non-WPTS Basic Hot Cut is a Hot Cut that is not a Large Job Hot Cut or a Batch Hot Cut, as defined below, and in which the TC declines to use WPTS or is not trained or certified to use WPTS.

(L) Large Job Hot Cut - A Large Job Hot Cut is a Hot Cut in which the loops included in a TC's order (or in multiple orders submitted by a single TC) are processed as a group, and are cut over together at a specified time.

(M) Batch Hot Cut - A Batch Hot Cut is a Hot Cut in which the loops included in the TC's order are processed as a group, together with loops included in other Batch Hot Cut orders submitted for the same central office (whether such orders are submitted by the same TC or by different TCs), in a time frame established by the Telephone Company based on the volume of orders for that office. The loops that are grouped together in this manner are referred to as a "Batch".

(N) Loop Sharing - Loop Sharing refers to a serving arrangement in which a TC purchases a DSL-qualified UNE Loop from the Telephone Company and uses it to provide, through a collocation arrangement, voice service from a non-Telephone-Company circuit switch, and data service from a non-Telephone-Company data switch. (Either the data or the voice service may be provided by the ordering TC itself, or by a partner that it selects.) (N) (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.5 Hot Cuts (Cont'd)

5.5.5.3 Regulations

(A) General Hot Cut regulations

(1) Except as otherwise specified, the regulations in this section 5.5.5.3(A) apply to Basic Hot Cuts, Non-WPTS Basic Hot Cuts, Large Job Hot Cuts, and Batch Hot Cuts.

(2) Provision of Circuit Identification Information

(a) A TC that orders a UNE-L to UNE-L Hot Cut must provide the Telephone Company with circuit identification information for the loop in question, and the telephone number of the end user served by that loop. The Telephone Company will not provide a UNE-L to UNE-L Hot Cut without this information.

(b) (D)
(D)

(3) Types of loops on which Hot Cuts will be provided.

(a) Subject to the limitations set forth in the following subsections, Hot Cuts will be provided only on two-wire or four-wire voice loops.

(b) Loops used in the provision of data services -

(i) Except as set forth in subparagraph (ii) below, Hot Cuts will not be provided for voice loops whose high-frequency portion is being used by a different carrier to provide a high-speed data transmission service to an end user. (C)

(ii) Notwithstanding subparagraph (i), above, Hot Cut like cutovers will be provided pursuant to the terms and conditions set forth in this Hot Cut Tariff, and subject to the availability of appropriate ordering arrangements, for the following types of service migrations: (a) Line Sharing (Telephone Company voice/TC data) to Loop Sharing, and (b) Line Splitting (UNE-P TC voice/TC data) to Loop Sharing, in each case without any change in the identity or physical configuration of the TC providing the data service. Nothing in this Hot Cut Tariff is intended to affect in any way the availability of, or the terms, conditions, or rates applicable to, Loop Sharing arrangements. The Telephone Company reserves the right to file rate changes in this Hot Cut Tariff to reflect any additional costs associated with the Hot Cuts referred to in this subparagraph; however, such changes shall take effect only following Commission approval. (C)

(iii) Hot Cuts will not be provided for stand-alone xDSL-Compatible Loops. (C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.5 Hot Cuts (Cont'd)
5.5.5.3 Regulations (Cont'd)
(A) General Hot Cut regulations (Cont'd)
(3) Types of loops on which Hot Cuts will be provided. (Cont'd)

(c) Hot Cuts will not be provided for loops that are included in Expanded Extended Link ("EEL") arrangements, "M" loops or loops used to provide foreign exchange service. (M)

(d) Hot Cuts will not be provided where the loop in question is not eligible for unbundling under applicable law. (M)

(4) IDLC Loops and certain other loops. - Where a Hot Cut is requested for an IDLC Loop or for any other loop utilizing a technology that requires a facility modification prior to a Hot Cut, the Telephone Company will move the end user's service to all-copper or Universal Digital Loop Carrier ("UDLC") loop facilities prior to the cutover. The choice between using an all-copper or a UDLC facility for this purpose will be within the discretion of the Telephone Company.

(5) Regulations related to WPTS

(a) A TC that has ordered any type of Hot Cut, except for a Non-WPTS Hot Cut, must utilize WPTS in connection with that Hot Cut. Except as set forth specifically in this Tariff, where WPTS provides the ability to submit or receive particular information from the Telephone Company, a TC that has ordered a Hot Cut may not request or submit such information other than through WPTS; and any such request or submission relating to a Hot Cut order that is not made through WPTS will result in the imposition of charges applicable to Non-WPTS Basic Hot Cuts provided; however, that such charges will not be imposed if the CLEC is WPTS-trained and –certified, as required by subparagraph (b), below, and if the request or submission is made at a time when WPTS is inactive during prime-time hours. (C)

(b) Prior to utilizing WPTS, a TC must be trained and certified in its use in accordance with the requirements set forth on the Telephone Company's wholesale web site.

(6) Provision of Dial Tone

(a) It is the obligation of the TC ordering the Hot Cut to ensure that dial tone is available on the facilities that will be used to provide service to the end user after the Hot Cut.

(b) Dial tone must be available, as described above, by 12:01 AM on the second day prior to the due date and must remain available through the time of the cutover. (C)

(c) In the event that the TC is not able to provide dial tone as specified above, it must submit a supplemental LSR either to cancel the request or to change the Due Date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.5 Hot Cuts (Cont'd)
5.5.5.3 Regulations (Cont'd)
(A) General Hot Cut regulations (Cont'd)

(7) Availability of facilities. Hot Cuts will be provided only where suitable facilities are available. (M)
"Suitable facilities," as used herein, refers to copper or UDLC facilities at the Remote Terminal (N)
to which the end-user's service can be successfully transferred, in cases described in
§ 5.5.5.3(A)(4), above, together with all other outside or central office facilities necessary to
ensure fully operational, end-to-end connectivity between the end user's premises and the
TC's switch following the cutover. A facility shall not be considered to be unavailable if (a) the
Telephone Company is required under applicable law to build or install the otherwise
unavailable facility at the request of a TC; and (b) if the TC places an order for the facility
sufficiently soon, in light of the provisioning interval applicable to the installation or
construction of the facility, to ensure the installation of the facility by the time scheduled for the
cutover. (N)

(8) Additional requirements - Wholesale service ordering requirements that are set forth in the
Telephone Company's business rules, and that are not inconsistent with this Hot Cut Tariff,
apply to the ordering of Hot Cuts. Provisioning intervals related to Hot Cuts will be as
determined in collaborative and industry forums designated by the Commission for that
purpose, or as mandated in Commission orders, and are not set forth in this Hot Cut Tariff. (M)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.5 Hot Cuts (Cont'd)
5.5.5.3 Regulations (Cont'd)

(B) Additional Regulations for Large Job Hot Cuts

(1) The Due Date for a Large Job must be negotiated by the Telephone Company and the TC prior to the submission of any of the Hot Cut orders to be included in the Large Job.

(2) Notwithstanding any other provision of this Tariff, the TC may elect to be notified by telephone of the completion of the cutovers of the loops included in the Large Job, in addition to the notification provided through WPTS.

(3) IDLC Loops, and any other loops utilizing a technology that requires a facility modification prior to a Hot Cut are not eligible for inclusion in a Large Job, and therefore TCs should, to the extent possible, identify and exclude such loops from any orders for a Large Job Hot Cut. Where such loops are included in an order or orders for a Large Job Hot Cut, those orders will be removed from the Large Job by the Telephone Company and the lines in those orders will be processed in accordance with procedures and ordering arrangements developed in industry forums. Such removal of orders containing IDLC loops will not affect the processing of the remaining orders included in the Large Job. (N)

(4) Limitations on Large Job Hot Cut Volumes and Locations

(a) In order to ensure that Large Job Hot Cuts provide the Telephone Company with a reasonable opportunity to attempt to achieve the presumed economies of scale reflected in the rates for such Hot Cuts, a minimum of 25 loops must be included in the order or orders submitted for a Large Job.

(b) All of the loops included in a Large Job must be scheduled for cutover on a single Due Date, and must be in a single Telephone Company central office.

(c) All of the loops in a particular Large Job Hot Cut order must be connected to a single collocation arrangement after the cutover. Any loops in the Large Job that will be connected to a different collocation arrangement after the cutover must be included in a separate order (but may be included in the same Large Job).

(d) The Telephone Company will not commit to handle Large Jobs (regardless of whether they are submitted by one TC or by more than one TC) in more than one central office in any particular Manager's Area, or in more than two central offices in any particular Geographic Area, on a single Due Date. The application of these limitations to a particular Large Job will be discussed with the TC at the time of the Due Date negotiation. Where the Large Jobs submitted by more than one TC for a particular Due Date would violate these limitations, the Telephone Company will accommodate the TCs on a first-come-first-served basis. Where staffing permits, the Telephone Company may in its discretion agree to accept Large Job Hot Cut orders beyond these limitations.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.5 Hot Cuts (Cont'd)
5.5.5.3 Regulations (Cont'd)

(C) Additional Regulations for Batch Hot Cuts

(1) Orders included in a particular Batch will be held by the Telephone Company until a volume of loops sufficient for efficient batch processing (a "critical mass") is accumulated. The holding period may vary from central office to central office, and from order date to order date, and will be determined by the Telephone Company at its discretion, except that in no cases will the cutover be completed less than six business days, or more than twenty-six business days, from the date on which the order was submitted to the Telephone Company.

(2) By three business days prior to the Due Date, the TC must do the following for each loop submitted by the TC for inclusion in the Batch: (a) confirm to the Telephone Company that it wants a Hot Cut for that loop to be completed on the Due Date; (b) confirm that dial tone is available on the facility that will be used to serve the end user; and (c) confirm that an LNP trigger has been created in the NPAC database.

(3) Where the LNP trigger must be set by a TC other than the TC ordering the Batch Hot Cut (*i.e.*, the OLSP), it is the responsibility of the TC ordering the Batch Hot Cut, and not of the Telephone Company, to ensure that the trigger has been set. The Telephone Company will not be held responsible, either to the end user or to the TC, for any problems resulting from the OLSP's failure to create an appropriate trigger in the NPAC database.

(4) The final number port activation requests for the loops included in a Batch Hot Cut will be submitted to NPAC by the Telephone Company, acting on the TC's behalf. By ordering a Batch Hot Cut, the TC authorizes the Telephone Company to submit such a request following the completion of the cutover. (D)

(D)

(5) Although all of the loops included in a Batch will be cut over on the specified Due Date, the Telephone Company does not guarantee that the orders in the Batch that were submitted by a particular TC will be processed together, or that the loops within a particular order will be cut over at any particular time or in any particular sequence. The Telephone Company reserves the right to rearrange the sequence of loops within an order to maximize the efficiency with which they can be cut over. However, all of the loops within any single order in the Batch will be cut over as a group, one after another, separately from the loops included in any other order in the Batch.

(6) IDLC Loops, and any other loops utilizing a technology that requires a facility modification prior to a Hot Cut, are not eligible for inclusion in a Batch.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.5 Hot Cuts (Cont'd)

5.5.5.4 Rates

(A) General Provisions

(1) Separate Hot Cut rates are specified for First Loops and Additional Loops. In each case, the First Loop charge applies once for each Hot Cut order (*i.e.,* LSR) submitted by a TC, and one Additional Loop charge applies to each Loop, other than the first, included in such an LSR. The application of the First Loop and Additional Loop rates is on an order (*i.e.,* LSR) basis, and is unaffected by the grouping of orders into Large Jobs or Batches pursuant to this Hot Cut Tariff. Requirements governing the inclusion of orders in an LSR are set forth in the Telephone Company's business rules.

(2)

(3) Other generally applicable rates set forth in other sections of this Tariff apply as set forth in such sections. In particular, and without limitation, Installation Dispatch charges and TC Not Ready Charges will apply as described in the Tariff. When a dispatch is required for the purpose of shifting an end user's service from IDLC loops or other loops utilizing a technology that requires facility modification prior to hot cut to UDLC technology, dispatch charges will apply only as set forth in subparagraph (4), below. (T)

(4) An IDLC-Copper Surcharge of $140.56 will apply in those situations where the end-user's service must be migrated as described in § 5.5.5.3(A)(4), above, but only if the TC specifically requests that an all-copper facility, or any type of loop facility that is available only on copper, be used instead of a UDLC facility. In that circumstance, an Installation Dispatch charge will also apply pursuant to subparagraph (3), above. (T)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.5 Links (Local Loops) (Cont'd)
5.5.5 Hot Cuts (Cont'd)
5.5.5.4 Rates (Cont'd)

(B) Rates for Initial Loops and Additional Loops (M)

TYPE OF HOT CUT	FIRST LOOP	ADD'L LOOPS
Basic — Two Wire Loop		
$ 42.53		
100.32*		
$29.54		
87.33*		
Basic — Four Wire Loop		
69.87		
127.66*		
45.26		
103.05*		
Large Job Hot Cut		
33.97		
68.87*		
28.02		
62.92*		
Batch Hot Cut	28.28	23.81
Non-WPTS Basic — Two Wire	185.54 271.71*	125.14 182.90*
Non-WPTS Basic — Four Wire	187.84 275.39*	147.86 216.50*

(C) (C) (C) (M) (D) (D)

*Rates indicated with an asterisk apply to expedited service. Expedited service is not provided for Batch Hot Cuts.

(C)

Issued: February 4, 2005 Effective: March 6, 2005

By Sandra Dilorio Thorn, General Counsel
1095 Avenue of the Americas, New York, N.Y. 10036

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.6 Unbundled Local Switching

Notwithstanding any other provisions of this Section 5.6, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

5.6.1 Local Switch

The local switch element consists of a line port and features, trunk port and features, group routings and usage.

5.6.1.1 Line Ports and Features

(A) General

The Line Port represents the physical interface to the switch that terminates the loop from the customer premises. The Telephone Company will provide nine types of Line Ports:

Analog Line Port - POTS
Basic Rate ISDN Port
Primary Rate ISDN Port
Integrated Digital Loop Carrier Port (TR-08 Interface)
DS1 DID/DOD/PBX Port Interface for the termination of digital PBX systems
Electronic Key Telephone Port (EKTP)
Simplified Message Desk Interface (SMDI) II Port
Public Access Line (PAL) Port
Coin Port

Unbundled line ports provide access to the functions and capabilities of the local switch, such as line supervision, dial tone, ringing, digit reception and interpretation, a network address (the local directory number), billing recording, access to switch usage and routings, basic intercept and the ability to presubscribe to primary carriers of interLATA and intraLATA Toll and Region to Region calls in the Metro-LATA.

Individual lines on unbundled ports will be provisioned as logical members of a TC's previously defined and implemented virtual network. The common attributes of this virtual network will include a routing plan that provides access to shared and dedicated trunking as defined by the TC.

Since the Telephone Company is recovering its costs for terminating usage to an unbundled line port through charges to the originating party, the TC will incur no additional costs for the transport and termination of calls to such line ports and will not be eligible for reciprocal compensation from the Telephone Company for such calls.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)

(B) The TC may choose the type of line port as follows:

Analog Line Port
The analog line 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 presubscribe to a primary carrier of interLATA and, where available, IntraLATA toll and Region to Region calls.

Basic Rate ISDN Port
The Basic Rate ISDN Port provides a 2-wire electrical interface to the local switch for the provision of Basic Rate ISDN capabilities. The Basic Rate ISDN interface will support a Digital Subscriber Line comprised of two 64 kbps bearer channels and a single 16 kbps out-of-band signaling channel (2B + D). The Basic Rate ISDN port provides access to the functions and capabilities of the local switch, including ISDN voice, and circuit switched data. The Basic Rate ISDN port also includes the following features:

- Bridging - Allows the Digital Electronic Telephone Set (DETS) user to bridge onto a currently active call by pressing the shared call appearance button.

- Time and Date display - Provides the current time and date to a Digital Electronic Telephone Set (DETS) user.

- ISDN Circuit Switched Voice (BBG Config) - Provides 64 kbps circuit mode to be used for voice information calls.

- ISDN Short Hunt - Permits incoming calls to hunt over a set of directory number appearances search of an idle directory number on the Digital Electronic Telephone Set (DETS).

- ISDN Call Forwarding Variable - Allows an ISDN port to forward calls to a user defined telephone number. The destination is changeable by the user. This feature is applicable to both circuit switched voice and circuit switched data calls.

- ISDN Call Forwarding Incoming Only - Allows an ISDN port to forward calls to a user defined telephone number. Only calls originating from outside the business Group will be transferred. The destination is changeable by the user. This feature is applicable to both circuit switched voice and circuit switched data call.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(B) (Cont'd)

Basic Rate ISDN Port (Cont'd)

- ISDN Call Forwarding Intra Group Only - Allows an ISDN port to forward calls to a user defined telephone number within the Business Group only. The destination is changeable by the user. This feature is applicable to both circuit switched voice and circuit switched data call.

- ISDN Call Forwarding Busy - Allows an incoming call to an ISDN port to be automatically forwarded to a predetermined telephone number when the ISDN port is busy.

- ISDN Call Forwarding Busy Incoming Only - Allows an incoming call to an ISDN port to be automatically forwarded to a predetermined telephone number when the ISDN port is busy. Only calls originating from outside the business Group will be transferred. This feature is applicable to both circuit switched voice and circuit switched data calls.

- ISDN Call Forwarding Don't Answer - Allows incoming calls to an ISDN port to be automatically forwarded to a predetermined telephone number when the ISDN port does not answer an incoming call within a prescribed time. This feature is applicable to both circuit switched voice and circuit switched data calls.

- ISDN Call Forwarding Don't Answer Incoming Only - Allows incoming calls to an ISDN port to be automatically forwarded to a predetermined telephone number when the ISDN port does not answer an incoming call within a prescribed time. Only calls originating from outside the business Group will be transferred. This feature is applicable to both circuit switched voice and circuit switched data calls.

- ISDN Series Completion - Allows Directory Number Hunting in a prearranged ordered list.

- ISDN Multiline Hunting - ISDN Multiline Hunting is a group of terminals that are assigned to a particular hunt group. Incoming calls to the hunt group are routed by the switch to one of the idle terminals.

- ISDN Circular Hunting - Allows calls to a group to hunt to an idle terminal. If no idle terminal is found by the time the last member of the group is reached, the hunt circles back to the first member in the group and hunts until the member where the hunt started is reached.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(B) (Cont'd)
Basic Rate ISDN Port (Cont'd)

- ISDN Conference Calling - 6 Way - Allows the ISDN user in a Business Group to include up to six parties on a call.

- ISDN Add-On Consultation Hold - Incoming Only - Allows a user to add a third party to an existing two-way call. The original call must have originated outside the Business Group.

- Call Transfer Internal Only - Allows only incoming calls that are made to an intergroup port to permit the ISDN port to transfer calls to other ISDN ports in the business group.

- Call Transfer Individual Incoming Only - Allows the ISDN port to transfer incoming calls to a third party. The original call must have originated outside the Business Group.

- ISDN Three Way Calling - Allows the ISDN port to add a third party to an established call without operator assistance

- ISDN Call Transfer Individual - All Calls - Allows an ISDN port to transfer any established call to any other ISDN port.

- Feature Display - Allows the user of a Digital Electronic Telephone Set (DETS) with display capability a method of determining the features and call appearances that are assigned to the buttons on a station.

- ISDN Voice / Data Protection - Allows for the assignment of a No Double Connect option to be assigned to an ISDN port. This protects data calls from interruption.

- ISDN Calling Number Delivery - Allows for the display of the calling number on a Digital Electronic Telephone set (DETS) with display capability.

- ISDN Calling Number Delivery – Blocking - Allows for the blocking of the transmission of the calling number.

- Circuit Switched Voice Intercom – Intercom service for ISDN stations is established on an intercom group basis. The intercom group is a closed user group that can contain a minimum of two members and a maximum of 100 members. Intercom service emulates a dedicated line between any two stations within an intercom group. It allows the user to establish a dedicated priority call to any other station that is a member of the same intercom group. (N) (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(B) (Cont'd)

Basic Rate ISDN Port (Cont'd) (N)

- Calling Name Delivery –This option provides for the display of the calling party's name on suitably equipped customer provided station equipment at the terminating end. (N)

Primary Rate ISDN Port

The Primary Rate ISDN Port provides a DS1 level electrical interface to the local switch for the provision of Primary Rate ISDN which supports 64 kbps bearer channels (B-channels) and standardized out-of-band signaling (on the D-channel). The Primary Rate ISDN is configured to provide either 23 B-channels and 1 D-channel or 24-B channels under control of a D-channel in another Primary Rate ISDN. The Primary Rate ISDN port provides access to the functions and capabilities of the local switch, including ISDN voice and circuit switched data functions. The Primary Rate ISDN port also includes the following features:

Incoming Calling Line Identification - This feature delivers the calling party's telephone number, if available, to the ISDN Primary service subscriber. If the originator of the call has exercised the option of blocking the display of their number, a private indication will be delivered to the customer's premises. The number will be delivered if the call originates either in the same node as the ISDN Primary Service or is connected to the ISDN Primary Service node by Signaling System 7. This feature is provided per port.

Call By Call Service Selection - This feature in suitably equipped central offices provides the ability to control the access to and from network services that are offered over ISDN Primary Service. A TC may specify, at the time of ordering that a pool of B channels (1-23) be utilized by any of the following subscribed to service (DID, DOD, etc.) as the need arises. This feature functions by utilizing D channel signaling to dynamically allocate B channels to network services on a call by call basis. The maximum number of calls (per call type) must be specified by the TC at the time of service establishment.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(B) (Cont'd)

Integrated Digital Loop Carrier Port (TR-08 Interface)
The Integrated Digital Carrier Port provides the capability to terminate compatible Integrated Digital Loop Carrier Remote Terminal equipment on the local switch for the provision of POTS. The Integrated Digital Loop Carrier Port will adhere to the Bellcore Technical Reference, TR-NWT-008, which defines the technical interface standard. The Integrated Digital Carrier Port supports the termination of an interface group comprised of at least two electrical interfaces: two DS1s or four DS1s. Individual line capabilities will be provisioned and/or rearranged on the associated dedicated DS0 channels within the Integrated Digital Loop Carrier interface group.

DS1 DID/DOD/PBX Port
The DS1 Port Interface provides a trunk side DS1 level electrical interface to the local switch for the termination of digital PBX systems. The interface supports an in-band signaling control and line-side capabilities to terminate digital PBX switch trunks on the local switch. Individual capabilities will be provisioned and/or rearranged on associated DS0 channels within the DS1 interface.

Electronic Key Telephone Port (EKTP)
The Electronic Key Telephone Port is available on compatible Switching Systems and provides a two-wire electrical interface to support the unique in-band signaling requirements of customer-provided electronic keysets.

Simplified Message Desk Interface (SMDI) II
Simplified Message Desk Interface II enables a line port to connect a system via a data link to a central office switch. The data link is usually used by a provider of telemessaging or voice messaging. The line port is used to access the telemessaging or voice messaging service. When a call is placed to a line port, the data link simultaneously transmits the following information:

- the called number (end user's telephone number).
- the calling number, if originated from within the same central office switch.
- the type of call forwarding or a direct call indication.

An audible Message Waiting Indication may be activated or deactivated via the SMDI II to indicate to the line port that a message has been taken. When the Message Waiting Indication is activated, the line port receives an audible stutter dial tone for approximately two seconds when the receiver is lifted.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(B) (Cont'd)

Public Access Line (PAL) Port
The PAL Port provides a 2-wire electrical interface to the local switch. The PAL 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, and the ability to presubscribe to primary carriers of interLATA and intraLATA toll and Region to Region calls in the Metro-LATA. The PAL Port is designed to support the use of "smart" pay telephone CPE.

The PAL Port generates unique Automatic Number Identification II (ANI II) codes. These codes allow carriers to identify calls originating from pay telephones. The PAL Port also includes Outward Call Screening. This feature is designed to prevent a PAL user from obtaining service through an operator when such service is billed to the calling number. The ANI II code transmitted alerts operator and carrier systems that the call is originating from a PAL Port and may require special handling and billing treatment.

Coin Port
The Coin Port provides a 2-wire electrical interface to the local switch. The Coin 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, and the ability to presubscribe to primary carriers of interLATA and intraLATA toll and Region to Region calls in the Metro-LATA. The Coin Port is designed to support the use of "dumb" pay telephone CPE.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(B) (Cont'd)

Coin Port (Cont'd)
The Coin Port generates payphone-specific ANI II codes on calls originating from the Coin Port. These codes allow carriers to identify calls originating from pay telephones. The Coin Port also includes the following features:

- Dial Tone First (DTF) - Allows for call completion to emergency services (911), 800/888, directory assistance (411) and repair service without a coin deposit. 0+, 0- and 1+ calls are completed to an operator system or an operator without requiring a coin deposit. Local calls are not completed unless a deposit is made prior to the end of dialing.

- Outward Call Screening (OCS) - The Automatic Number Identification II (ANI II) code is transmitted to alert operators that the call is originating from a Coin Port and may require special handling and billing treatment.

- Standard Recorded Announcements - The local announcements regarding rating and timing of sent-paid calls currently in use with Company coin lines will continue to be used. (T)

- Local Call Coin Signaling (Coin Collect and Coin Return) - Coin signaling is used to control the disposition of the coins held in the station. Coin collect is used when a call has been completed and coin return is used if a no answer or busy condition is encountered on a local call.

- Automated Local Coin Overtime (Pre-Pay) - Pre-Pay provides for overtime charging on local calls after the initial period. One cycle of a selected announcement is provided to the connected coin line at the end of the initial timed period and at the end of each overtime period. If this announcement fails to yield a coin deposit from the customer, the call is disconnected.

- Blocking of Pay-Per-Call Services - Blocks calls to pay-per-call services such as 700 and 900, but allows calls to the 976 services. (C)(1) (C)(1)

(1) Tariff P.S.C. No. 15, Attachment 1, Paragraph 5 sets forth the implementation date for this change as provided for in Tariff P.S.C. No. 15, Section 1.A.13, Implementation Date of Tariff Amendments. (N) (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)

(C) Line Port Features

The various Unbundled Line Port Features are translations in the switch that support the following capabilities:

AIN Triggers
Line or switch triggers initiate AIN messages (queries) to the Telephone Company AIN SCP or the TC's SCP. Line ports provisioned with this option will be able to utilize AIN Triggers in a particular central office switch when and where it is technically feasible. It is the responsibility of the TC to request the appropriate AIN triggers from the Telephone Company. AIN triggers are provided subject to the CLEC AIN Service Certification process. An SS7 Transport for AIN Message charge as set forth in 5.7.7.(A)(3) following, will apply for each AIN query initiated to the SCP. This charge will also apply for each query initiated to a TC database by a Telephone Company AIN trigger.

Anonymous Call Rejection
This option redirects incoming calls for which calling name and number display has been suppressed through the use of Per-Call Blocking or All-Call Blocking, to an announcement indicating that the line is not presently accepting such calls. The option may be activated and deactivated by dialing a code. (Initially, the feature will be in the deactivated state).

Call Forwarding, Call Forwarding Busy Line, Call Forwarding Don't Answer (T)
Permits the line port to direct all incoming calls so that they may be answered at another line port. When a TC with more than one central office line grouped for incoming service (ISG), has the Call Forwarding transfer in effect on a line in the series, a calling party will receive a busy signal if the number to which calls are being transferred is busy. The call will not be completed to the next available line in the ISG series. When the Call Forwarding transfer is discontinued, the incoming service grouping will be restored to normal operation. Calls cannot be transferred to an International Direct Distance Dialing number.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(C) Line Port Features (Cont'd)

Call Waiting ID Deluxe – Number Only (T)
This option is an augmented form of Caller ID – Number Only, which also allows a line which is off-hook on an existing call to receive Caller ID - Number Only information for a new, incoming call and to handle the new call by either: (a) forwarding to a call answering service, (b) including in conferencing, (c) routing to a message announcement or (d) Drop First/Drop Last Caller option. The line must be equipped with Call Waiting to take full advantage of this option. Lines equipped Call Waiting ID Deluxe – Number Only will also be provided automatically with the Anonymous Call Rejection option. (T)

Call Waiting ID Deluxe (T)
This option is an augmented form of Caller ID designed for lines also equipped with Call Waiting. The option allows an off-hook line on an existing call to receive Caller ID (name and number) information for a new, incoming call, and to handle the new call by either: (a) forwarding to call answering service, or (b) including in conferencing, (c) routing to a message announcement or (d) Drop First/Drop Last Caller option. Lines equipped with Call Waiting ID Deluxe will also be equipped automatically with the Anonymous Call Rejection option. (T)

*69 (T)
This option, activated by dialing a special code, either (1) automatically returns the most recent incoming call, even if it is not answered, or (2) receives an audible announcement of the telephone number, date and time of the last incoming call and has the option of having the call automatically returned by dialing another code. If the called number is busy, the call will be attempted for a maximum of 30 minutes without tying up the end user's telephone. Should the line become idle during this process and the *69 customer's line is available to complete the call, then a distinctive ringing signal will alert the *69 line that the call can be completed. (T)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(C) Line Port Features (Cont'd)

Call Waiting
Provides a tone signal to indicate to a line port already connected on a telephone call that a second call is waiting. It also permits the line port to hold the first call, answer the second call and then alternate between both calls. Standard answering bureau equipment does not have a switchhook or a recall button to depress, therefore, a Call Waiting call cannot be picked up on a subscriber's line which is being answered. When a line is equipped for both Call Waiting and Call Forwarding, the Call Waiting feature does not operate when a call is being forwarded or when a forwarded call has been connected to the forwarding point. When two lines, both served by the same central office machine and equipped for Call Waiting, have a call in progress, only one line may receive a call over Call Waiting. Any incoming call to the other line will receive a busy signal, and the TC will not receive the tone signal indicating that a call is waiting.

Call Waiting ID and Call Waiting with Name
This option is an augmented form of Caller ID designed for use by Call Waiting equipped ports, that a line port that is off hook on an existing call to receive Caller ID information (number only or number with name) for a new incoming call.

Callability (N)
This option allows the user to remotely activate or deactivate their call forwarding features. (N)

Caller ID – Number Only
This option provides the telephone number from which the call originates (the calling number) from suitably equipped end offices including telephone numbers associated with non-published and non-listed service, to the called party. The calling number is transmitted from the port to be displayed on suitable equipment. Ports equipped with Caller ID – Number Only will also be provided with the Anonymous Call Rejection feature. The Anonymous Call Rejection feature will be provided in the inactive state and will have no effect until it is activated through the use of a dialing code.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(C) Line Port Features (Cont'd)

Caller ID
This option provides the name and number associated in the Telephone Company's records with the line from which an incoming call originates, including names and numbers associated with non-published and non-listed service. (For lines not subscribed to the Telephone Company's non-published number service, the name displayed is the primary name that is listed for that line in the White Pages telephone directory). The name and the calling number are transmitted by the port to be displayed on suitable customer provided premises equipment attached to the port. If the originator of the call has exercised the option of blocking the display of their number, a private indication will be delivered to the customer's premises.

Calling Number Display
This option provides for the display of the calling party's number on suitably equipped customer provided station equipment at the terminating end. This service is available to POTS customers. If the originator of the call has exercised the option of blocking the display of their number, a private indication will be delivered to the customer's premises.

Calling Name Display
This option provides for the display of the calling party's name on suitably equipped customer provided station equipment at the terminating end. This service is available to POTS customers. If the originator of the call has exercised the option of blocking the display of their name, a private indication will be delivered to the customer's premises.

Calling Number and Name Display
This option provides for the display of the calling party's number and name on suitably equipped customer provided station equipment at the terminating end. This service is available to POTS customers. If the originator of the call has exercised the option of blocking the display of their number and name, a private indication will be delivered to the customer's premises.

(D)#

Effective May 3, 2005, Voice Dialing will be removed as a feature from any line port on which it is provided. (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(C) Line Port Features (Cont'd)

Centrex

Automatic Route Selection (ARS)
This option automatically selects the preferred route for network calls when a station user dials a preselected code.

ARS Time of Day Routing
This option allows for a cost effective use of facilities by allowing or denying route choices based on the time of day.

Expensive Route Warning Tone
This option provides a warning tone to indicate the selection of an expensive route.

Automatic Call Back
This option allows a station line user calling a busy station line to be automatically connected to the called line when the line becomes idle.

Call Park
This option allows a station line user to park a call against its own line number. The parked call can be retrieved from any station line by dialing a feature code and the line number against which the call is parked.

Call Transfer Individual All Calls
This option allows a station line user to transfer any established call to another station line inside or outside the customer group without the assistance of the attendant.

Call Waiting Term All Calls
This option allows an incoming call to a busy station to be held waiting while a signal is directed towards the busy station line user.

Calling Name Display
This option provides for the display of the calling party's name on suitably equipped customer provided station equipment at the terminating end. This feature will be offered on intra-group calls only.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(C) Line Port Features (Cont'd)

Centrex (Cont'd)

Centrex Intercom Dialing
This option provides the basic switch capability to allow four digit dialing between line port members of a TC defined centrex group.

CCSA Access
This option enables a station line user in the customer group to gain access to the CCSA by using special access codes and dialing reserved number exchange (RNX) patterns.

Datapath 56 Kbps (DMS Only)
This option allows data transmission at speeds up to 56 Kbps on station-to-station calls. Station lines arranged for this feature are used only for data transmission.

Dial Call Waiting
This option allows a station line user to impose call waiting on a busy station line by dialing the call waiting feature activation code, followed by the station number. This feature is an originating line feature that is applicable only to intragroup calls only.

Directed Call-Pickup Barge-In
This option allows a station line user to answer a call that is ringing any other line within the same customer group. If the called station line has already been answered, the initiating station line may barge-in to the answered call and be connected into a three-way call.

Distinctive Ringing
This option allows a called station line user to determine whether an incoming call is external or internal to the customer group by providing different tone cadences for the two situations.

Enhanced Private Switched Communications (EPSC) Access
This option allows a station line user in the customer group to gain access to the EPSCS by using special access codes and dialing (RNX) patterns.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(C) Line Port Features (Cont'd)

Centrex (Cont'd)

Electronic Tandem Network (ETN) Access
This option allows a station line user in the customer group to gain access to the ETN by using special access codes and dialing (RNX) patterns.

Executive Busy Override (DMS Only)
This option allows a station line user to bridge into a busy station line connection, preceded by a burst of alerting tone.

Hunting Circular
This option routes a call to an idle station line in a prearranged group when the called station line is busy, returning to the first line if all others are busy.

Hunting Series
This option routes a call to an idle station line in a prearranged group when the called station line is busy, ending at the last line in the prearranged group if all others are busy.

Loudspeaker Paging
This option permits station line users to access customer-provided loudspeaker paging equipment by dialing an access code.

Meet-Me Conference
This option provides a six-party conference bridge and line number for conferees to dial at a specified time to hold a conference.

Music on Hold
This option provides a system wide music-on-hold capability. All calls placed on hold will be connected to a customer provided music source.

Network Speed Dialing (DMS Only) (T)
This option permits a customer to have a system shared list of 1000 numbers. This Speed Dialing List is Telephone Company changeable only.

Recorded Telephone Dictation
This option permits a station line user to access to, and control of customer provided dictation recording equipment by dialing an access code.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(C) Line Port Features (Cont'd)

Centrex (Cont'd)

Six way Conference
This option permits a station line user to establish a conference call consisting of more than three conferees (maximum six) without the assistance of the attendant.

SMDR to Premises (DMS Only)
This option provides a record of calls originated by station line users or incoming tie line groups directly to the customer provided equipment which collects and stores all data.

SMDR to RAO (DMS Only)
This option provides a record of calls originated by station line users or incoming tie line groups. (C)

Speed Dialing Long List
This option permits a station line user to dial selected numbers by using fewer digits than are normally required. This is accomplished through the assignment of abbreviated codes to frequently called numbers, and is customer changeable.

Three-way Calling
This option permits a station line user to add a third party to an existing conversation.

Tie Line Access
This option permits a station line user to gain access to tie lines and leased channels.

Time of Day Network Class of Service Routing
This option provides the capability for mapping normal class of service (COS) values into new values based on the time of day (or day of week or year).

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(C) Line Port Features (Cont'd)

Centrex (Cont'd)

Uniform Call Distribution

This option allows for an even distribution of incoming calls, over a group of stations called a UCD group. When all of the answering agents are busy, the incoming calls are queued and the callers receive an audible ringback. When the delay interval exceeds the customer delay threshold, a recorded announcement advising of the delay may be provided.

Customized Ringing

This option allows a distinctive ring on calls routed to an alternate Telephone Number on a line.

Direct Inward Dialing (DID)

Direct Inward Dialing (DID) allows an incoming exchange call to be dialed directly to a station associated with a switching system located on the subscriber's premises. The ports equipped with DID outpulse dial-pulse, multi-frequency or dual tone multi-frequency type digits to the switching equipment on the subscriber's premises. The number of digits outpulsed will be uniform for both the listed number to the attendant's console and for the stations associated with the switching equipment.

Number Preassignment

Number Preassignment allows a customer to have blocks of 20 or 100 consecutive numbers, subject to availability and on a firm order basis, preassigned for use as Direct Inward Dialing (DID) numbers on customer provided PBX equipment. Groups of consecutive numbers are defined as a group where the unit's digit of the first number is a zero (0) and the unit's digit of the last number is a nine (9).

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(C) Line Port Features (Cont'd)

Hunting Groups
This option provides the ability to sequentially access two or more line side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. All lines in the hunt group must be provided in the same manner.

Uniform Call Distribution Arrangement
This option provides a type of multiline hunting arrangement which provides for an even distribution of calls among the available lines in a hunt group. Where available, this feature is provided in Telephone Company electronic end offices only. All lines in the multiline hunting arrangement must be provided in the same manner.

Nonhunting Number for use with Hunt Group or Uniform Call Distribution Arrangements
This option provides an arrangement for an individual line within a multiline hunt or uniform call distribution group that provides access to that line within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is provided in Telephone Company electronic end offices only.

Originating Call Usage Recordings
This feature makes available the provision of Call Usage Recording information as pertaining to originating call traffic on a particular line port.

Per Call Blocking
This option prevents display for a single call of the calling number to another line equipped with Caller ID – Number Only, Call Waiting ID, or Call Waiting ID Deluxe – Number Only, and of the calling name and number to another line equipped with Caller ID, Call Waiting ID, or Call Waiting ID Deluxe. In order to activate the feature for a particular call, a special code must be dialed on the line port. (T) (T) (T)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(C) Line Port Features (Cont'd)

Public Access Line (PAL) Port and Coin Port
The Unbundled Line Port Features for PAL and Coin Ports are translations in the switch that support the following capabilities:

One-Way Service Restriction
This option restricts the port to outgoing service only. Incoming service is prohibited.

Billed Number Screening (BNS)
This option alerts operators within the 48 continental United States not to allow third number and/or collect calls to be billed to the line.

Blocking of Pay-Per-Call Services
This feature blocks calls to pay-per-call services such as 700, 900, and 976 services, depending upon the option selected.

International Direct Dial Blocking (IDDB)
This option blocks directly dialed international calls from being completed (011+).

1010XXX+1+Blocking
This option blocks directly dialed calls which use a carrier's CIC code in order to bypass the designated PIC'd carrier. This feature does not restrict all directly dialed calls.

Limited InterLATA Dialing (LID)
This option blocks directly dialed interLATA 1+ calls, in addition to 1010XXX+1+interLATA, 011+ and 1010XXX+011 calls. These calls are not completed, and instead reach an intercept recording. This option is only available with a PAL Port.

Line Side Answer Supervision (LSAS)
This option sends an "off-hook" supervisory signal to the pay station over a compatible loop when the called party answers the call. This signals the smartset to start timing/billing the call. When the called party disconnects, an "on-hook" signal is detected and the reverse battery* signal is returned to normal, telling the smartset to stop the timing and billing of the call. This option is only available with a PAL Port. (C)

* Reverse Battery may not be provided over fiber facilities and is only available where suitable facilities exist. (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(C) Line Port Features (Cont'd)

Busy Redial (T)
This option automatically redials the telephone number of the most recent outgoing call. This option is activated by a special dialing code. If the redialed telephone number is busy, the call will be attempted for a maximum of 30 minutes. Should the line become idle during this process and the Busy Redial line (T)
is available to complete the call, then a distinctive ringing signal will alert the Busy Redial line that the (T)
call can be completed.

The following types of calls cannot be automatically redialed:
- Calls to 800 Service numbers
- Calls to 900 Service numbers
- Calls preceded by an interexchange carrier access code
- International Direct Distance Dialed Calls
- Calls to Directory Assistance
- Calls to 911

Speed Dialing (T)
Permits frequently dialed numbers to be dialed by means of an abbreviated code.

Suspend and Restore
Suspend will result in soft dial tone which will only allow origination of 911 calls and the ability to receive calls. Restore will return the line to its original status.

Three Way Calling
Permits an existing call to be held and second telephone call to be established and added to the connection.

Option Interaction
Caller ID – Number Only, Caller ID, Call Waiting ID, Call Waiting ID Deluxe – Number Only, and Call (T)
Waiting ID Deluxe (T)
If a call originates in an area where Caller ID is not deployed, (and in certain other cases, i.e., operator assisted and calling card calls), the called party's display unit will show an indicator instead of the calling name and/or number. If the calling party has chosen to prevent the transmission of the calling name and number through the use of Per-Call Blocking or All-Call Blocking, the called party's display unit will indicate the use of the number blocking feature, generally by displaying the word Private or the letter P.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(C) Line Port Features (Cont'd)

Option Interaction (Cont'd)
Per-Call Blocking
This option does not prevent the delivery of billing number information through the use of Automatic Number Identification (ANI) technology, including but not limited to the use of such technology in connection with Enhanced 911 service and in connection with Feature Group D Switched Access Service.

All Call Blocking
This option prevents display of the calling number to a line equipped with Caller ID – Number Only, Call Waiting ID, or Call Waiting ID Deluxe – Number Only, and of the calling name and number to a line equipped with Caller ID, Call Waiting ID, or Call Waiting ID Deluxe on all calls made from a particular line. The feature can be disabled as to its effect on the name and number display for a single call by dialing the "un-block code" on the line before dialing the number being called. (T) (T) (T)

Anonymous Call Rejection
This option is not compatible with telephone numbers that are included in hunt groups.

*69 (T)
If a calling party chooses to prevent the transmission of the calling number through the use of Per-Call Blocking or All-Call Blocking, the called party will not be able to identify or return the call by activating the *69 option. (T)

Call Waiting ID, Call Waiting ID Deluxe – Number Only, Call Waiting ID Deluxe (T)
The limitations for Call Waiting also apply to these options.

Caller ID and Call Waiting ID Deluxe (T)
If a line is equipped with either Caller ID or Call Waiting ID Deluxe dials a party, receives a busy signal, and subsequently completes the call using Busy Redial, then the called party's name may be displayed on the customer's display set unless the called party subscribes to All-Call Blocking. (T) (T)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(D) Line Port Regulations

(1) One basic white page, one basic yellow page (for business) equivalent directory and one Directory Assistance listing is provided per primary telephone number. Directory Listing information is addressed in PSC NY No. 8--COMMUNICATIONS Tariff. Non-published treatement will be provided at the charge specified in Section 5.6.1.7(H) following, subject to the regulations set forht in PSC NY No. 1--COMMUNICATIONS Tariff, Section 9.

(2) The TC must specify the features required on a line at the time the line port is ordered. Subsequent translation changes are subject to the rates and charges specified in Section 5.6.1.7(B) following.

(3) It is the TC's responsibility to ensure feature compatibility in the switch.

(4) Telephone numbers will be assigned at the customer's request to PRI-ISDN and DS1 DID/DOD/PBX ports in sequential blocks of 20 or 100 numbers according to the charges identified in Section 5.6.1.7(B)(4) following.

(5) The TC is responsible for providing sufficient and accurate information at the time the line port is ordered to allow the Telephone Company to accurately populate the 911 or E911 databases. The TC is also responsible for providing information updates, where appropriate, should the E911 address associated with the line port change. The Telephone Company shall not be held responsible when inaccurate information is provided or timely updates are not furnished.

(6) DID is only available with a DS1 DID/DOD/PBX or Primary Rate ISDN Line Port.

(7) Local calls will be timed for initial coin and coin overtime periods according to the common timing schedule provided to all Payphone Service Providers (PSPs). Current rating restrictions will apply.

(8) The TC is required to comply with applicable Public Service Commission regulations regarding the provision of public telephone services.

(9) In the central offices set forth in Appendix B, except for Analog Line Port – POTS and Basic Rate ISDN Port, the Telephone Company reserves the right to offer at other than TELRIC rates the line ports described in Section 5.6.1.1(A) to a TC serving an end user with 4 or more voice grade or DS0 equivalent lines; provided, however, that as per the Commission's February 27, 2002 Order Instituting Verizon Incentive Plan (VIP) in Case 00-C-1945 for the duration of the term of the VIP, such reservation shall apply to a TC serving end user with 19 or more voice grade or DS0 equivalent lines.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(D) Line Port Regulations (Cont'd)

(10) Connection alternatives:

- Analog, EKTP and SMDI II Ports can be interconnected to:
  a Collocation arrangement in the Telephone Company's central office (with the purchase of a DS0 Service Access Charge as set forth in Section 5.5.2 preceding)

- Basic Rate ISDN Line Ports can be interconnected to:
  a Collocation arrangement in the Telephone Company's central office (with the purchase of a DS0 Service Access Charge as set forth in Section 5.5.2 preceding)

- PRI-ISDN and DS1 DID/DOD/PBX Line Ports can be interconnected to:
  a Collocation arrangement in the Telephone Company's central office (with the purchase of a DS1 Service Access Charge as set forth in Section 5.5.2 preceding)

- TR-08 Line Ports can be interconnected to a Collocation arrangement in the Telephone Company's central office with the purchase of a DS1 Service Access Charge as set forth in Section 5.5.2 following.

(11) For the multichannel ports of BRI, PRI, DS1 DID/DOD/PBX and TR-08 the customer can request that some or all of the channels be activated at installation. Channels that are activated after the initial installation will incur a nonrecurring charge as set forth in Section 5.6.1.7(C) following.

(12) Network Design Request
Prior to the ordering of any unbundled line ports, the customer must submit a Network Design Request (NDR). From the NDR and working with the TC, the Telephone Company will identify the routings of the TC's traffic from the unbundled line ports. Any requirements for customized routings will be identified. The NDR process concludes with the installation of any customized routings and TC specific line class codes (LCCs) per end office. This line class code must be provided on all orders requesting unbundled line ports.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)

(E) Line Port Service Intervals

Line Port Type or Activity	Interval
PAL Port, Coin Port and Analog Switch Line Port After Establishment of Switch Translation Activation	
(a) 1-19 lines (per order)	2 business days
(b) 20-100 lines (per order)	10 business days
(c) Other	Negotiated Interval
Basic Rate Interface - ISDN Line Port	
(a) Local - 1-12 lines (per order)	8 business days
(b) Virtual - 1-12 lines (per order)	12 business days
(c) Over 12 lines - Local or Virtual	Negotiated Interval
Feature Change to Line Port	
(a) Basic Feature Additions Call Waiting, Call Forwarding, Three Way Calling	
- Order Received by 3 PM (ET)	Same Day
- Order Received after 3 PM (ET)	Next Day
(b) PIC Change	2 business days
(c) Other Features: Caller ID	4 business days
(d) Suspend, Block or Restore	Same Day
(e) Disconnect-translation change/no dispatch	4 business hours
Primary Rate Interface - ISDN Port	
(a) 1-12 lines (per order)	12 business days
(b) Over 12 lines (per order)	Negotiated Interval
DS1 Ports - DID, DOD, PBX Port Interface	Negotiated Interval
Integrated Digital Loop Carrier	Negotiated Interval
Electronic Key Telephone Port	Negotiated Interval

(D)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(F) Line Port Application of Rates
(1) Monthly Rates

(a) A monthly rate will be assessed for each line port according to line port type as identified in Section 5.6.1.7(A) following.
(b) Monthly rates for vertical features are identified in Section 5.6.1.7(B) following. (N)

(2) Nonrecurring Charges
(a) For each service order, one Service Order Charge applies per Section 5.6.1.7(A) following. (T)

(b) A Service Connection – Other (Provisioning) Charge will be assessed with the activation of a line port as specified in Section 5.6.1.7(A) following. (C) (T)

(c) A Service Connection – CO Wiring Charge will be assessed in addition to the Service Connection – Other (Provisioning) Charge when the activation of a line port requires new CO wiring as specified in Section 5.6.1.7(A) following. (C) (C) (T)

(d) The activation of an additional channel or Telephone Number on an established line port will incur a charge as specified in Section 5.6.1.7(C) following.

(e) The activation of one or more features on an established line will incur a charge as specified in Section 5.6.1.7(B) following.

(3) Network Design Request (NDR)

(a) The NDR will be billed according to a flat rate schedule based on the number of Line Class Codes implemented on a per switch per rate zone used to develop the NDR plan and install the necessary routings and line class codes. Work activities that must be performed during the NDR process include:
- Defining network plan for the TC's virtual network
  - Number of entities
  - Types of services to be supported
  - Blocking requirements
  - E911 planning
  - Operator/DA support
- Defining line class codes for each entity to support the TC's traffic
- Building line class codes per switching entity
- Downloading line class codes to each entity
- Engineering any dedicated trunk groups

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.1 Line Ports and Features (Cont'd)
(F) Line Port Application of Rates (Cont'd)
(3) Network Design Request (NDR) (Cont'd)

(b) NDR Rate Application
The One Time Service Order Charge applies once per switch per rate zone. Subsequent changes can be requested without this charge being reapplied.

The NDR Implementation-Initial First and Additional charges apply to the first 15 requested line class codes plus an additional charge for each line class code above the first 15 requested at the same time.

The NDR Implementation-Subsequent First and Additional charges apply to the first line class code and each additional line class code ordered at the same time subsequent to the installation of the original line class code in a switch. The nonrecurring charges are set forth in Section 5.6.1.7(C) following.

The monthly rates for the switch memory used by the line class codes and switch translation as described in (a) preceding are set forth in section 5.6.1.7(C) following.

(4) Line Port Traffic Study
The Telephone Company will perform a study to determine blocking levels on the TC's Line Ports at the rate specified in Section 5.6.1.7(C) following.

5.6.1.2 Trunk Ports and Features

(A) General
There are two types of Trunk Ports:

A Dedicated Trunk Port is a switch termination that is dedicated to the use of the ordering TC for the transport of local, toll or access traffic to other Telephone Company, IXC or TC switches.

A Shared Trunk Port is a Telephone Company provided trunk termination on the end office switch that is used for the transport of the Telephone Company, TC or other party local, toll or IXC traffic from the local switch to other Telephone Company, TC or IXC switches. (T)

Dedicated Trunk Port supports the following capabilities:
(1) cabling to the Telephone Company Trunk Frame on the trunk side,
(2) 1.544 Mbps bandwidth capable of supporting twenty-four, 56 Kbps trunks,
(3) access to equipment for terminating exchange traffic, and
(4) access from associated equipment for originating exchange traffic.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.2 Trunk Ports and Features (Cont'd)
(B) Dedicated Trunk Port Features (Cont'd)

Standard Features
MF or SS7 signaling
One way or two way traffic directionality.

Optional Features

ANI
This option provides for the automatic transmission of a seven or ten digit number and information digits over a port for calls originating in the LATA, to identify the calling station.

64CCC
64CCC provides a Bipolar with Eight Zero substitution (B8ZS) encoding technique that allows a customer to transport voice or data signals over a 64 kbps channel with no constraint on the quantity or sequence of ones (mark) and zero (space) bits. The derived 64 kbps clear channels support superframe (SF) or extended superframe (ESF) formatting. This optional feature is required for originating or terminating 64 kbps calls to an Integrated Services Digital Network (ISDN). 64CCC is available in suitable equipped electronic end offices as specified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

Operator and DA Signaling
This feature provides the signaling necessary to support the provision of operator and DA services.

(C) Trunk Port Regulations

(1) A TC may not specify features, interconnection design, routing or transmission on a shared trunk port.

(2) Connection Alternatives
Dedicated Trunk Ports can be interconnected to a Collocation arrangement in the Telephone Company's central office (through the purchase of a DS1 Service Access Charge as set forth in Section 5.6.1.7(F) following).

(3) Ordering Intervals

Volume	Interval
New trunk group 1-240 trunks (1-10 DS1s)	60 Business days
Additions to existing groups 1-96 trunks (1-4 DS1s)	30 Business days
Number of trunks exceeds above	Negotiated

If the Telephone Company agrees to provide service on an expedited basis, the per expedited port rates will apply as set forth in Section 5.6.1.7(D) following.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.2 Trunk Ports and Features (Cont'd)

(D) Trunk Port Application of Rates

(1) Usage charges for Shared Trunk Port (See Section 5.6.1.7(D).

(2) Monthly Rates:

(a) A monthly rate will be assessed for each dedicated trunk port as set forth in Section 5.6.1.7(D) following.

(b) A monthly rate for the 64CCC feature will be applied as set forth in Section 5.6.1.7(E) following.

(3) Nonrecurring Charges:

(a) For each service order, one Service Order Charge applies as set forth in Section 5.6.1.7 following.

(b) A Trunk Port Service Charge will be assessed with the activation of a trunk port as set forth in Section 5.6.1.7(D) following.

(c) A Trunk Port Installation Charge as set forth in Section 5.6.1.7(D) following will be assessed in addition to the Service Charge when the activation of the trunk port requires new central office wiring.

(d) Rearrangement charges, if applicable, as set forth in Section 5.3.4.6(J) preceding will apply.

(e) Where applicable, the Record Change Charge, Design Change Charge and Cancellation Charges as set forth in Section 5.11(F) following, will apply.

5.6.1.3 Other Switch Capabilities

(A) (Reserved for future use)

(B) Basic Referral
Basic Referral provides a recorded message informing a caller of the change of telephone number of the called party. The message will provide the new telephone number. No other information is permitted. Except with regard to the provision of Basic Referral, the intercepted number is, in all respects, a disconnected service. Rates for Basic Referral are included in Rates for Line Ports as set forth in Section 5.6.1.7(A) following. (C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.3 Other Switch Capabilities (Cont'd)

(C) Remote Call Forwarding
With this feature, the TC can request that calls be forwarded from an initial Telephone Number to a second Telephone Number specified by the TC. The initial Telephone Number will be afforded a directory listing at no additional charge. Usage of the network to process the call from the initial Telephone Number to the second Telephone Number will be charged back to the TC associated with the initial Telephone Number. Charges apply for this option as specified in Section 5.6.1.7(G) following.

5.6.1.4 Group Routings

(A) General
Group Routings are the translations, routings and screening that the Telephone Company must perform at its end offices and tandems to make the customer's network operate according to the customer's specifications. A request for standard group routings result in the TC's traffic being routed in the same manner as the Telephone Company's equivalent class of traffic. Customized routings allow the TC's traffic to be routed differently than the Telephone Company's traffic.

(B) Regulations
The TC's routing assignments are identified and implemented through the Network Design Request (NDR) process. The hourly wage rate that will be assessed for performing this work is identified in Section 5.6.1.7(C) following.

5.6.1.5 Usage
Use of the local switch by the TC's end user will be recorded on the same basis that the Telephone Company records calls for its own customers. Where available, recordings will be utilized to bill local switching usage to the TC and will be provided to the TC for their use in billing their end users.

Rates and charges will apply for record processing, per record processed, and per record transmitted. In lieu of, or in addition to data transmission, the TC has the option of obtaining a tape or a cartridge. When a tape or cartridge is provided in lieu of data transmission, data transmission charges are not applicable and a per tape or cartridge charge is applied. If a tape or cartridge is requested in addition to data transmission, both the per tape and cartridge charge and the per data transmission charge apply. The usage and recording rates and charges are set forth in Section 5.6.1.7(I) following.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)

5.6.1.6 Application of Usage Charges

For the switching and shared transport of calls that originate from an unbundled line port, usage based rates will apply according to the Telephone Company network resource that is used as described in (C) following. For avoidance of doubt, and subject to section 5.1.1.1, above, these rates and regulations will apply to traffic terminated on the Telephone Company's network without regard to whether the traffic in question is originated or terminated or both in Internet Protocol ("IP") format, provided that the traffic would be subject to such rules if it had not been originated or terminated or both in IP format, and that: (a) if delivered to the Telephone Company's network from another network, the traffic is delivered in time division multiplexing format, or (b) if originated on the Telephone Company's network on an unbundled line port, the traffic is carried in time division multiplexing format on at least some portion of the call path. (N)

This usage is affected by the number of recorded minutes and adjusted for such things as usage of the switch and facilities for calls that are not completed, using the non-conversation time additive calculations described below.

(A) Determination of Chargeable Minutes of Use

TC traffic supporting unbundled arrangements will be measured (i.e. recorded) by the Telephone Company at end office switches or access tandem switches. Originating unbundled calls will be measured (i.e., recorded) by the Telephone Company to determine the basis for computing chargeable access minutes. For originating calls where the off-hook supervisory signal is provided by the customer's equipment, the measured minutes are the chargeable minutes. For originating unbundled calls where the off hook supervisory signal is forwarded by the customer's equipment when the called party answers, chargeable TC originating unbundled minutes are derived from recorded minutes as described in the following steps.

Step 1: Obtain recorded originating minutes and messages, where the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers, from the appropriate recording data.

Step 2: Obtain Total Attempts by multiplying the originating measured messages by the Attempts per message factor. The Attempts per message factor is obtained from a sample study which analyzes the number of attempts on the network divided by the number of revenue producing messages (completions). This number is always greater than 1. That is, Measured Messages times Attempt per message factor equals Total Attempts.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.6 Application of Usage Charges (Cont'd)
(A) Determination of Chargeable Minutes of Use (Cont'd)

Step 3: Obtain the total Non-Conversation Time Additive (NCTA) by multiplying the Total Attempts by the NCTA per attempt factor. The NCTA per attempt factor is obtained from the sample study identified in step 2 by measuring the elapsed time during call set-up for each network attempt that starts with the completion of a customer (or operator) dialing and ends when the called party answers or the call is abandoned. Expressed as a decimal portion of one minute. That is, Total Attempts times Non-Conversation Time Additive per Attempt factor equals Total NCTA.

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

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

Where:
Measured Minutes (M. Min.) = 7,000
Measured Messages (M. Mes.) = 1,000
Attempts per message = 1.3333
NCTA per Attempt = .4

(1) 1,000 (M. Mes.) x 1. 3333 (Attempt per message) = 1,333 (Total Attempts)

(2) 1,333 (Total Attempts) x .4 (NCTA per Attempt) = 533 (Total NCTA)

(3) 7,000 (M. Min.) + 533 (Total NCTA) = 7,533 (Total Chargeable Originating Minutes)

NETWORK ELEMENTS

(D)

(D)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.6 Application of Usage Charges (Cont'd)

(C) General Description of Usage Rate Elements

The subsequent paragraphs and diagrams depict the calls made from unbundled line ports and the applicable usage sensitive rate elements. These include costs for switching the call in the originating end office, transporting that call to the terminating end office or interexchange carrier POP (directly or through a tandem switch), and where an IXC is not involved, terminating that call to a Telephone Company or TC end user.

(1) Local Switch Resources

Unbundled Local Switching Originating (ULSO)

The unbundled local switching originating charge will be assessed for each originating minute of use of the TC's call through the local switch. Non-conversation time and attempt additives as described in 5.6.1.6 (A) preceding will be added to the recorded conversation time to determine the ratable minutes. The rates and charges are set forth in 5.6.1.7 (I) following. (C) (C)

Unbundled Local Switching Terminating (ULST)

The unbundled local switching terminating charge will be assessed for each TC line port terminating minute of use (MOU) for calls from a third party network. For the purpose of this provision, third party networks are wireless carriers, interexchange carriers and TCs that provide service to their end users using their own switching facilities. The ULST charge is also one of the rate elements included in UNRCC. The rates and charges are set forth in 5.6.1.7 (I) following.] (C)]

Unbundled Shared Trunk Port Charge (USTPC)

This charge is assessed per Minute of Use to recover the TC's use of a Shared End Office Trunk Port. Non-conversation time and attempt additives as described above will be applied to the recorded conversation times to determine the ratable minutes. This element is used when the involved trunks carry both access and local/toll usage, or as part of the UCTC element. The rates and charges are set forth in Section 5.6.1.7(D) following.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.6 Application of Usage Charges (Cont'd)
(C) General Description of Usage Rate Elements (Cont'd)

(2) Interoffice Trunking Resources (M)

Unbundled Shared Tandem Transport (UTTC)
The UTTC recovers the use of shared transport between the end office and the tandem switch. Non-conversation time and attempt additives as described above will be applied to the recorded conversation times to determine the ratable minutes. This element is used when the involved trunks carry both access and local/toll usage, or as part of the UCTC element. The rates and charges are set forth in Section 5.3.4 preceding.

(3) Tandem Switching Resources
(See Section 5.4) (M)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.6 Application of Usage Charges (Cont'd)
(C) General Description of Usage Rate Elements (Cont'd)
(4) Composite Local Switching, IOF and Tandem Resource Charges

Unbundled Common Transport Charge (UCTC)
The UCTC recovers the cost of delivering a local call from the originating end office to a terminating switch. The rate is assessed per minute of use and does not vary according to distance or whether the call was direct or tandem routed. Use of the originating shared trunk port, shared IOF and weighted tandem costs are recovered through this rate element. Non-conversation time and attempt additives as described above will be applied to the recorded conversation times to determine the ratable minutes. This element is used when a TC utilizes the existing Telephone Company network on a shared basis to transport calls within the LATA. The rates and charges are set forth in Section 5.3.4 preceding.

Transit Tandem Switching Charge (TTSC)
The TTSC recovers the costs of two shared tandem trunk ports and tandem switching. See Section 5.4 for a description of these tandem rate elements. Non-conversation time and attempt additives as described above will be applied to the recorded conversation times to determine the ratable minutes. This element is used when the involved trunks carry both access and local/toll usage, or as part of the UCTC element.

Unbundled Telephone Company Reciprocal Compensation Charge (UNRCC)
The UNRCC recovers the costs of Unbundled Local Switching Terminating (ULST) and one end office Shared Trunk Port. This charge applies when a call from an eligible TC's unbundled line port terminates to a Telephone Company switch.

Unbundled TC Reciprocal Compensation Charge (UCRCC) ┐
When calls from an unbundled line port terminate to a TC switch, the UCRCC charge will be assessed to originating line port minutes in order for the Telephone Company to recover the terminating intercarrier charges that will be assessed to the Telephone Company by the terminating TCs. (T) ┘

┐ (D) ┘

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.6 Application of Usage Charges (Cont'd)
(C) General Description of Usage Rate Elements (Cont'd)
(4) Composite Local Switching, IOF and Tandem Resource Charges (Cont'd)

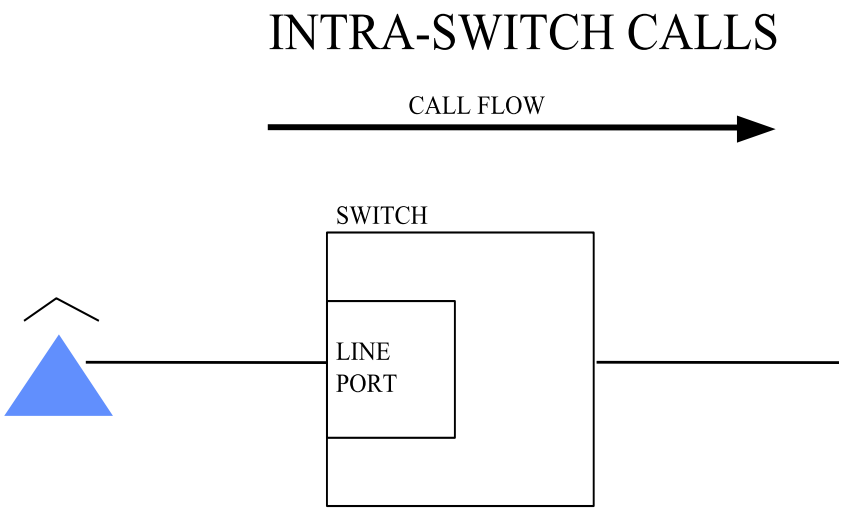
Reciprocal Compensation for Ineligible TC's

When a call from an unbundled line port leased by an ineligible TC terminates to a Telephone Company switch, intraLATA Switched Access rates and Carrier Common Line rates as set forth in PSC NY No. 11--COMMUNICATIONS Tariff charges apply.

(D) Examples of the Application of Usage Charges
This section illustrates the application of usage charges. Applicable monthly Port/Feature charges and call usage detail record charges apply in addition.

(1) intra-switch calls

APPLICATION OF USAGE SENSITIVE CHARGES

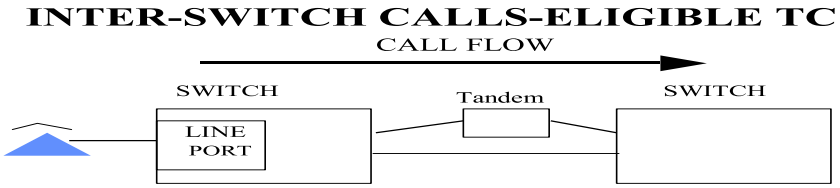


One Unbundled Local Switching Originating (ULSO) assessed to TC that leases originating line port. (C) (C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.6 Application of Usage Charges (Cont'd)
(D) Examples of the Application of Usage Charges (Cont'd)

(2) Inter-switch Calls - Eligible TC



Shared Transport End-to-End
Unbundled Local Switching Originating (USLO), Call Setup Message SS7 (UIC), Unbundled Local Common Transport (UCTC), and a UNRCC or UCRCC assessed to TC that leases originating line port. (C)
- Charges do not vary whether call direct or tandem routed.
- Where call terminates to Telephone Company switch, UNRCC applies.
- Where call terminates to TC switch, UCRCC applies.

Dedicated Transport to Tandem-Shared Transport from tandem to terminating end office.
Unbundled Local Switching Originating (USLO), Call Setup Message SS7 (UIC), Tandem Switching (1 shared tandem trunk port), UTTC and UNRCC or UCRCC assessed to TC that leases originating line port
- Where call terminates to Telephone Company switch, UNRCC applies
- Where call terminates to TC switch, UCRCC applies.

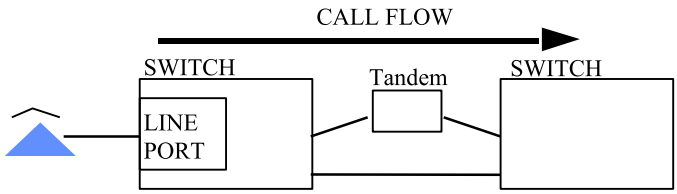
Dedicated Transport to Tandem-Dedicated Transport from tandem to terminating end office.
Unbundled Local Switching Originating (USLO), Call Setup Message SS7 (UIC), Tandem Switching and UNRCC or UCRCC assessed to TC that leases originating line port. (C)
- Where call terminates to Telephone Company switch, UNRCC applies
- Where call terminates to TC switch, UCRCC applies.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.6 Application of Usage Charges (Cont'd)
(D) Examples of the Application of Usage Charges (Cont'd)

(3) Inter-Switch Calls - Ineligible TC

INTER-SWITCH CALLS-INELIGIBLE TC



Shared Transport End-to-End

Unbundled local switching charge (ULSC), Unbundled Common Transport Charge (UCTC), state access tariff local switching and state access tariff common line assessed to TC that leases originating line port.

- Charges do not vary whether call direct or tandem routed.
- Where call terminates to a Telephone Company switch, Telephone Company local switching and common line state access charges apply.
- Where call terminates to a TC switch, a composite charge will be assessed that reflects a weighted average of TC local switching and common line state access charges.

Dedicated Transport to Tandem-Shared Transport from tandem to terminating end office.

- ULSC and state access charges (for a tandem routed access call) assessed to TC that leases originating line port.

Dedicated Transport to Tandem-Dedicated Transport from tandem to terminating end office.

- ULSC, Tandem Switching* and state access charges (for a directly routed access call) assessed to TC that leases originating line port.

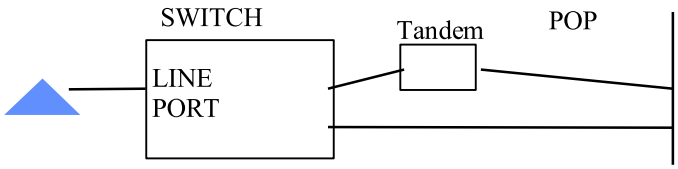
* This charge is found in Section 5.4.4.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.6 Application of Usage Charges (Cont'd)
(D) Examples of the Application of Usage Charges (Cont'd)

(4) Access Calls from Unbundled Line Ports

INTER-SWITCH CALLS-ACCESS
CALL FLOW



Access Over Direct Route to IXC

- Unbundled Local Switching Originating (ULSO), Call Setup Message SS7(UIC)* and Unbundled Shared Trunk Port Charge (USTPC) assessed to TC that leases originating line port. (C)
- Dedicated transport and entrance facility charges assessed to IXC.

Access Over Tandem Route to IXC (C)

- Unbundled Local Switching Originating (ULSO), Call Setup Message SS7(UIC)*, Unbundled Shared Trunk Port Charge (USTPC), Unbundled Tandem Transport Charge (UTTC) and Transit Tandem Switching Charge (TTSC) assessed to TC that leases originating line port. (C)

- Entrance Facility Charges assessed to IXC

Access Over Tandem Route Dedicated Transport to IXC (N)

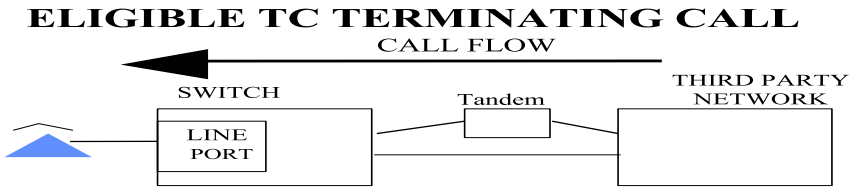
- Unbundled Local Switching Originating (ULSO), Call Setup Message SS7 (UIC)*, Unbundled Shared Trunk Port Charge (USTPC),), Unbundled Tandem Transport Charge (UTTC), Unbundled Tandem Switching and one shared tandem trunk port assessed to that TC leases originating line port. (N)

* This charge is found in Section 5.7.7. (N)
(D)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.6 Application of Usage Charges (Cont'd)
(D) Examples of the Application of Usage Charges (Cont'd)

(5) Eligible TC Terminating Call (N)



Terminating tandem routed call using Shared Transport
Transit Tandem Switching (TTSC), Unbundled Common Transport Charge (UTTC), Call Setup Message SS7 (UIC), Unbundled Shared Trunk Port Charge (USTPC), and Unbundled Local Switching Terminating (ULST) apply to TC that leases line port.

Terminating direct routed
Call Setup Message SS7 (UIC), Unbundled Shared Trunk Port Charge (USTPC), and Unbundled Local Switching Terminating (ULST) apply to TC that leases line port. (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.7 Rates and Charges

	Monthly Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	
(A) Line Ports				
Analog Line Port				
Per standalone port	$4.57			
Service Order – Per Order		$ 9.01	$13.99	
Service Connection – CO Wiring		26.54	37.97	
Service Connection – Other (Provisioning)		1.88	2.65	
Per platform arrangement	2.57	NRCs are specified in Section 5.12.6.		
Basic Rate ISDN or Electronic Key Telephone Port				
Per standalone port	25.04			
Service Order – Per Order		9.01	13.99	
Service Connection – CO Wiring		26.54	37.97	
Service Connection – Other (Provisioning)		1.88	2.65	
Platform arrangement, per port	5.57	NRCs are specified in Section 5.12.6.		
Primary Rate ISDN Port				
Per port	200.25			
Service Order – Per Order		61.63	95.67	
Service Connection – CO Wiring		30.25	43.27	
Service Connection – Other (Provisioning)		428.11	582.22	
Integrated DLC Port, (TR-08)				
Per DS1 port	61.68			
Service Order – Per Order		9.01	13.99	
Service Connection – CO Wiring		35.76	51.15	
Service Connection – Other (Provisioning)		464.81	636.56	
DS1 DID/DOD/PBX Port				
Per port	102.40			(C)
Service Order – Per Order		61.63	95.67	
Service Connection – CO Wiring		30.25	43.27	
Service Connection – Other (Provisioning)		428.11	582.22	

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.7 Rates and Charges (Cont'd) (T)

	Monthly Rates	Nonrecurring Charges	Expedited Nonrecurring Charges
(A) Line Ports			
SMDI II Port			
Per port	196.57		
Service Order – Per Order		$ 9.01	$13.99
Service Connection - CO Wiring		35.84	51.26
Service Connection - Other (Provisioning)		399.32	552.86
Public Access Line (PAL) Port			
Per port	4.57*		
Service Order – Per Order		$ 9.01	$13.99
Service Connection - CO Wiring		26.54	37.97
Service Connection - Other (Provisioning)		1.88	2.65
Coin Port – Digital			
Per port	2.65*		
Service Order – Per Order		$ 9.01	$13.99
Service Connection - CO Wiring		26.54	37.97
Service Connection - Other (Provisioning)		1.88	2.65
Coin Port – Analog			
Per port	5.31*		
Service Order – Per Order		$ 9.01	$13.99
Service Connection - CO Wiring		26.54	37.97
Service Connection - Other (Provisioning)		1.88	2.65

* In addition, the Flexible Automatic Number Identification monthly rate as set forth in Tariff FCC No. 11, Section 6 will apply.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.7 Rates and Charges (Cont'd)

(B) Line Port Features (All features are not available with all port types)

	Monthly Rates (Per Line Port)	NRCs	Expedited NRCs	
(1) BRI Line Port Features				(C)
Bridging	$0.00	$9.01	13.99	
Time and Date Display	0.00	9.01	13.99	
ISDN Circuit Switched Voice	0.00	9.01	13.99	
ISDN Short Hunt	0.00	9.01	13.99	
ISDN Call Forwarding				
- Call Forwarding	0.00	9.01	13.99	
- Incoming Only	0.00	9.01	13.99	
- Intra Group Only	0.00	9.01	13.99	
ISDN Call Forwarding Busy Line	0.00	9.01	13.99	
- Incoming Only	0.00	9.01	13.99	
- Don't Answer	0.00	9.01	13.99	
- Don't Answer Incoming Only	0.00	9.01	13.99	
ISDN Series Completion	0.00	9.01	13.99	
ISDN Multiline Hunting	0.00	9.01	13.99	
ISDN Circular Hunting	0.00	9.01	13.99	
ISDN Conference Calling				
- 6 Way	0.53	9.01	13.99	
ISDN Add-On Consultation Hold-Incoming Only	0.00	9.01	13.99	
Call Transfer Internal	0.00	9.01	13.99	
Call Transfer Individual				
- Incoming Only	0.00	9.01	13.99	
ISDN Three Way Calling	0.23	9.01	13.99	
ISDN Call Transfer Individual				
- All Calls	0.00	9.01	13.99	(C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.7 Rates and Charges (Cont'd)
(B) Line Port Features (All features are not available with all port types) (Cont'd)

	Monthly Rates (Per Line Port)	NRCs	Expedited NRCs	(C)
(1) BRI Line Port Features (Cont'd)				
Feature Display	$0.00	$9.01	13.99	
ISDN Voice / Data Protection	0.00	9.01	13.99	
ISDN Calling Number Delivery	0.00	9.01	13.99	
- Blocking	0.00	9.01	13.99	(C)
Calling Name Delivery	3.85	9.01	13.99	(N)
Circuit Switched Voice Intercom	7.56	9.01	13.99	(N)
(2) Primary Rate ISDN Port Features				
Incoming Calling Line Identification –	0.00	9.01	13.99	(C)
Call By Call Service Selection	0.00	9.01	13.99	
(3) Centrex Line Port Features				
Automatic Route Selection (ARS)	0.00	9.01	13.99	
Expensive Route Warning Tone	0.00	9.01	13.99	
Automatic Call Back	0.33	9.01	13.99	
Call Park	0.00	9.01	13.99	
Call Transfer Individual All Calls	0.00	9.01	13.99	
Call Waiting Term All Calls	0.00	9.01	13.99	
Calling Name Display	0.00	9.01	13.99	
CCSA Access	0.00	9.01	13.99	
Centrex Intercom	0.30	9.01	13.99	
Datapath 56 Kbps	0.00	9.01	13.99	
Dial Call Waiting	0.00	9.01	13.99	
Directed Call-Pickup				
Barge-In	0.00	9.01	13.99	
Distinctive Ringing	0.03	9.01	13.99	
EPSCS Access	0.00	9.01	13.99	
ETN Access	0.00	9.01	13.99	
Executive Busy Override	0.00	9.01	13.99	(C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.7 Rates and Charges (Cont'd)

(B) Line Port Features (All features are not available with all port types) (Cont'd)

		Monthly Rates (Per Line Port)	NRCs	Expedited NRCs
(3)	Centrex Line Port Features (Cont'd)			
	Hunting Circular	$0.00	$9.01	13.99
	Hunting Series	0.00	9.01	13.99
	Loudspeaker Paging	7.05	9.01	13.99
	Meet-Me Conference	0.15	9.01	13.99
	Music on Hold	0.00	9.01	13.99
	Network Speed Dialing	0.00	9.01	13.99
	Recorded Telephone Dictation	0.00	9.01	13.99
	Six way Conference	0.88	9.01	13.99
	SMDR to Premises	15.02	9.01	13.99
	SMDR to RAO	0.00	9.01	13.99
	Speed Dialing Long List	0.00	9.01	13.99
	Three-way Calling	0.23	9.01	13.99
	Tie Line Access	0.00	9.01	13.99
	Time of Day Network Class of Service Routing	0.00	9.01	13.99
	Uniform Call Distribution	0.00	9.01	13.99
(4)	Other Line Port Features			
	Anonymous Call Rejection	0.06	9.01	13.99
	Automatic Call Return	0.33	9.01	13.99
	Callability	0.16	9.01	13.99
	Call Forwarding/Busy Line	N/A	9.01	13.99
	Call Forwarding/Don't Answer	N/A	9.01	13.99
	Call Forwarding	N/A	9.01	13.99
	Call Waiting	N/A	9.01	13.99
	Calling Name Display	0.00	9.01	13.99
	Calling Number Display	0.05	9.01	13.99
	Calling Number and Name Display	0.17	9.01	13.99
	Custom Ringing	0.00 (C)	9.01	13.99

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.7 Rates and Charges (Cont'd)
(B) Line Port Features (All features are not available with all port types) (Cont'd)

	Monthly Rates	Nonrecurring Charges (Per Line Port)	
		Normal	Expedited
(4) Other Line Port Features (Cont'd)			
Number Pre-Assignment - (1-20 DID Numbers)	$0.00	$9.01	13.99
Number Pre-Assignment - (100 DID Numbers)	0.00	9.01	13.99
Speed Dialing	N/A	9.01	13.99
Three Way Calling	0.23	9.01	13.99 (D)#
Subsequent Addition/ Change of one or more features	N/A	9.01	13.99
Suspend and Restore	N/A	9.01	13.99
1-Way Restr.	N/A	9.01	13.99
Billed Number Screening	N/A	9.01	13.99
Blocking of Pay-Per-Call Services	N/A	9.01	13.99
International Direct Dial Blocking	N/A	9.01	13.99
1010XXX+1 Blocking	N/A	9.01	13.99
Limited InterLATA Dialing	N/A	9.01	13.99
Line Side Answer Supervision	N/A	9.01	13.99
	Rate		
AIN Triggers			
- per order		9.01	13.99
- - per message/query	$0.000191		
Call Blocking - per call	0.002	9.01	13.99

Effective May 3, 2005, Voice Dialing will be removed as a feature from any line port on which it is provided. (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.7 Rates and Charges (Cont'd)

(C) Miscellaneous Charges

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Manual Intervention Surcharge					
- per order	12.00	NR9U5	18.62	EXP	
Channel Activation or change Subsequent to port Installation					
- per channel	93.72	REAKC	138.32	EXP	
TC Not Ready					
- per occasion	73.10	NR9UN			
Line Port Traffic Study					
- per setup/per facility	21.13				(C)
- per week study/ per facility	9.14				(C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.7 Rates and Charges (Cont'd)
(C) Miscellaneous Charges (Cont'd)

Network Design Request	Nonrecurring Charges
NDR One Time Service Order Charge	
- per switch/rate zone	$0.00
NDR Implementation-Initial	
First 15 or fewer line class codes (LCCs)	
- per switch/rate zone	0.00
Additional line class codes (after 1st 15)	
- per /LCC/switch/rate zone	0.00
NDR Implementation-Subsequent	
First LCC	
- per switch	0.00
Additional LCC	
- per LCC, per switch	0.00

Switch Memory	Monthly Rates
- per Office Dialing Plan	$0.00

(D)

End Office Trunk Ports	Monthly Rates	
Dedicated Trunk port		
- per DS1 port	$102.40	(C)
- per DS1 expedited port	102.40	(C)

	Nonrecurring Charges	Expedited Nonrecurring Charges
Service Order Charge	9.01	13.99
CO Wiring Charge	27.66	39.56
Provisioning Charge	529.73	684.16

	All Hours of the Day	
Shared Trunk Port (USTPC)		(D)
- per MOU	0.000371	(D)

(D)
(D)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.7 Rates and Charges (Cont'd)
(D) End Office Trunk Ports (Cont'd)

	Nonrecurring Charge	Expedited Nonrecurring Charge
Manual Intervention Surcharge	$26.56	$41.23

	Monthly Rates	Nonrecurring Charges
(E) Trunk Features		
64CCC Option - per port	**	**

(F) (Reserved for future use)

(G) Other Switch Capabilities

	Monthly Rates	Nonrecurring Charges	Expedited NRCs
Remote Call Forwarding - per port	$0.95	$9.01	13.99

(H) Non-published Service - per listing	0.00	0.00	

** Rate to be added as determined by the Commission and will apply retroactively to the effective date of the Tariff.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.6 Unbundled Local Switching (Cont'd)
5.6.1 Local Switch (Cont'd)
5.6.1.7 Rates and Charges (Cont'd)

(I)	Switch Usage Reference Section 5.6.1.6(B)		All Hours of the Day	
	Unbundled Local Switching (Originating) - per MOU (ULSO)		$0.001147	
	Unbundled Local Switching (Terminating) - per MOU (ULST)		0.001111	
	Unbundled Tandem Transport - per MOU		See Section 5.3.4 (UTTC)	
	Unbundled Common Transport - per MOU		See Section 5.3.4 (UCTC)	
	Unbundled Toll Common Transport - per MOU		See Section 5.3.4 (UTCTC)	
	Transit Tandem Switching - per MOU (TTSC)		0.001621	
	Telephone Company Reciprocal Compensation - per MOU (UNRCC)		See Section 5.6.1.6	
	TC Reciprocal Compensation - per MOU (UCRCC)	1/1/2016 – 6/30/2016 7/1/2016 – 6/30/2017 7/1/2017 – 6/30/2018 7/1/2018	$0.0011754 $0.0011373 $0.0001475 $0.0000000	(N)
		Rates		
	Usage Detail Recording - per record processed	$ 0.001001		
	- per tape/cartridge	21.70		

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.7 Access to Signaling Systems and Call-Related Databases

Notwithstanding any other provisions of this Section 5.7, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

5.7.1 General

The Telephone Company will provide unbundled access to databases and associated signaling necessary for call routing and completion. TCs obtain access to the Telephone Company's network through their signaling points using CCS/SS7 protocol. Interconnectors may launch queries to the Telephone Company's databases (including LIDB, 800 and AIN) to retrieve call routing and completion information to process their calls. For Requesting TCs who do not opt to launch queries from their signaling points, but whose calls get routed through the Telephone Company's network, the Telephone Company will offer to launch those queries from its network, as technically feasible, to its databases and thereby complete the processing of the call.

(A) Ordering Conditions

For the SS7 Signaling option, the TC shall specify the switching point codes and trunk circuit identification codes for trunks with the SS7 option and the STP point codes, signaling link codes, link type, signaling feature capability and the traffic estimate for each CCS/SS7 network interconnection and service functionality (e.g., CLASS and AIN) ordered.

For LIDB Access Service, the TC shall specify, per access order, the LIDB Originating Point Codes and Location Identification Codes(s) that will access the Telephone Company LIDB. When the order is placed, the Telephone Company will provide NPA, NXX and Revenue Accounting Office Codes for the TC's use in populating global title translation tables.

Installation intervals for trunks/STP ports are as follows: where Certification Testing is required for new installations, or for the addition of new features, a minimum of an additional 10 days is required. These intervals are negotiated with the customer:

Volume	Interval
New trunk group 1-240 trunks (1-10 DS1s)	60 Business days
Additions to existing groups 1-96 trunks (1-4 DS1s)	30 Business days
Number of trunks exceeds above	Negotiated

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)

5.7.2 Common Channel Signaling Network Interconnection (CCS/SS7)

(A) General

Common Channel Signaling Network Interconnection (CCS/SS7) provides for interconnection to the Telephone Company Common Channel Signaling network. CCS/SS7 is comprised as follows: Dedicated Telephone Company STP Port and an STP Link. The TC is responsible for combining the STP Port and STP Link.

Each TC provided or Telephone Company provided Link must provide for two-way digital transmission at a speed of 56 kbps. The connection to the Telephone Company STP can be made from either the TC's signaling Point (SP) which requires two 56 kbps circuits (pair) or from the TC's STP which requires four 56 kbps circuits (quad). Both STPs in a pair must be accessed. The design requirements for CCS/SS7 STP Links are described in Technical Publication GR-905-CORE. Connection from the TC's SP, using two circuits, is referred to as an "A-Link." Connection from the TC's STP pair, using four circuits, is referred to as a "D-Link".

(B) Optional Features

(1) Signaling System 7 (SS7) Signaling Option

This option allows a TC to receive out of band signals for call set-up. The rates and charges for this option are set forth in Section 5.7.7(A)(3) following and will apply only when a TC's signaling point (SP) or Signal Transfer Point (STP pair) is connected with the Telephone Company Signal Transfer Point (STP) (host STP) for call set up with other signaling points or STPs connected with that host STP.

(a) Charge Number (CN)

This feature provides for the automatic transmission of the 10-digit billing number of the calling station number and originating line information. This feature is provided for digital interface when ordered with the SS7 signaling option, and is available when passed through by the originating carrier and any intermediate carriers. The information digits shall only be used for billing and collection, routing, screening, and completion of the originating subscriber's call or transaction or for the services directly related to the originating subscriber's call or transaction.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)
5.7.2 Common Channel Signaling Network Interconnection (CCS/SS7) (Cont'd)
(B) Optional Features (Cont'd)
(1) Signaling System 7 (SS7) Signaling Option (Cont'd)
(a) Charge Number (CN) (Cont'd)

The information provided shall not be reused or resold without first notifying the originating telephone subscriber and obtaining affirmative consent of the subscriber for reuse or resale.

Unless the originating subscriber has given consent for the reuse or resale, any information provided shall not be used for any purpose other than:

- performing the services or transactions that are the subject of the originating subscriber's call;
- ensuring network performance security, and the effectiveness of call delivery;
- compiling, using and disclosing aggregate information; and,
- complying with applicable laws.

The above restrictions shall not prevent the subscriber to the CN feature from using information acquired from a CN feature, such as the telephone number and billing information or information derived from analysis of the characteristics of calls received through the CN feature, to offer a product or services that is directly related to the products or services previously purchased by a customer of the CN feature subscriber.

(b) Calling Party Number (CPN)

This feature provides for the automatic transmission of the calling party's ten digit telephone number to the TC's premises for calls originating in the LATA or from the TC's premises for calls terminating in the LATA. When the Telephone Company receives the number from the originating switch, it will be passed through to the subsequent carrier. The ten digit telephone number consists of the NPA plus the seven digit telephone number as the calling station's charge number. This feature is provided with a digital interface when ordered with the SS7 signaling option.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)
5.7.2 Common Channel Signaling Network Interconnection (CCS/SS7) (Cont'd)
(B) Optional Features (Cont'd)
(1) Signaling System 7 (SS7) Signaling Option (Cont'd)
(b) Calling Party Number (CPN) (Cont'd)

The Calling Party Number (CPN) Parameter may not be modified by the TC. When CPN is included within an SS7 Initial Address Message (IAM), the interconnecting network may not alter the information received within this parameter. This includes the setting of the CPN Address Presentation Restriction Indicator. When CPN is to be transmitted to another switch in the call path, this information element must be transmitted as received.

(c) Transactional Capabilities Application (TCAP)

SS7 TCAP messages support non-circuit related information transfer between signaling nodes. TCAP provides a generic framework protocol for remote operations.

(C) Regulations

(1) When the TC utilizes Telephone Company facilities, the TC must order a 1.5 Mbps IOF with the DS1 to DS0 multiplexing Element to achieve the 56 kbps transmission level.

(2) Interconnection to the Telephone Company CCS/SS7 network requires cooperative certification testing with the TC in compliance with GR-905-CORE or a comparable Telephone Company test plan prior to the access being activated. The Telephone Company reserves the right to determine what kind of certification testing is required. Nonrecurring set-up and testing charges are made for each test event and are set forth in Section 5.7.7(A)(3) following.

(3) The STP locations are set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. When multiple STP pairs are deployed in a LATA, Telephone Company end offices or access tandems are generally interconnected to only one STP pair. Under normal conditions, the TC must route terminating traffic to the STP pair that serves the end office or tandem switch where the call is terminated. Where capacity limitations exist, the Telephone Company reserves the right to choose which STP pair will be used. As further deployment of CCS/SS7 occurs, the new locations will be added to the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4 and will be provisioned in the same manner.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)
5.7.2 Common Channel Signaling Network Interconnection (CCS/SS7) (Cont'd)
(C) Regulations (Cont'd)

(4) The TC may request that all of its terminating traffic in a LATA be routed to a single STP pair, using the Telephone Company's SS7 signaling network to provide the connection to the other STP pair in the LATA. If available capacity exists within the Telephone Company SS7 signaling network and where technically feasible, the Telephone Company and the TC will mutually agree to the TC's use of a single STP pair in the LATA. In the event that the Telephone Company's SS7 signaling network may be impaired as a result of changes in traffic requirements, the TC will then be notified that its use of a single STP pair in the LATA is no longer permitted and that it must deploy CCS/SS7 links to each STP pair in the LATA.

(D) Application of Rates

There are monthly rates, usage rates and nonrecurring charges applicable to Common Channel Signaling Network Interconnection (CCS/SS7).

(1) Monthly Rates
The STP Port provides for the point of interconnection to the signal switching capability of the STP. This fixed monthly rate applies per STP port as set forth in Section 5.7.7(A)(3) following. In the case where the STP Link(s) are provided by a collocated TC, a monthly Service Access Charge will apply as set forth in Section 5.7.7(A)(3) following. (C)

(2) Usage Rates
The Signaling Usage rate applies for each call transaction delivered to the Telephone Company SS7 network through the TC STP port. Individual messages will be aggregated for each call transaction. The rate applies per message as set forth in Section 5.7.7(A)(3) following. (C)

(3) Nonrecurring Charges
Nonrecurring Charges are one time charges that apply for a specific work activity. Unless otherwise specified, the nonrecurring charges and their rates are set forth in Section 5.7.7(E) following. NRCs for the signaling links include Service Order, C.O. Wiring, Provisioning and Installation Dispatch, if applicable. NRCs for the STP ports include Service Order, C.O. Wiring and Provisioning. (C) (C)

(E) Credit
A credit adjustment will apply for 800, AIN and LIDB messages when a query is launched from an interconnection facilities based TC's network. The credit will be as set forth in 5.7.7(A)(4) following.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)

5.7.3 800 Data Base Access Service

(A) General

For purposes of administering the rules and regulations set forth in this Tariff regarding 800 Data Base Access Service, except where otherwise specified, the term 800 Database Access Service shall include any of the following NPAs: 800, 888, 877, 866, 855, 844, 833 and 822 as they become available to the industry.

800 Data Base Access Service allows a TC's 800 end user to originate and receive calls. The service provides for the processing of a query to the Telephone Company's data base to determine the 800 Service Provider and/or terminating telephone number for call routing purposes. The call is forwarded to the appropriate 800 Service Provider based on the dialed 800 number. The 800 Service Provider has the option of having the dialed 800 number (e.g. 800-XXX-XXXX) or, if the 800 to POTS Number Translation feature is specified, a translated ten digit number (i.e., NPA-NXX-XXXX) delivered to the TC's premises for call processing. Additional options are available where the Call Handling and Destination Features are specified.

The Telephone Company will provide the TC with an SSP record for each completed 800 call in the standard industry format for calls originating on the Telephone Company network directed for TC end users. Charges for the provision of these records are set forth in Section 5.6.1.7(I) preceding.

(B) Optional Features

(1) 800 To POTS Translation Optional Feature
This feature allows the 800 Service Provider to designate a 10 digit POTS telephone number to be translated from a specific 800 number to be delivered to the TC premises for routing to an end user. If the POTS number translation feature is ordered, the TC will be unable to determine that such call originated as 800 dialed call unless the TC also orders the Signaling System 7 Charge Number (CN) optional feature as set forth in Section 5.7.2(B) preceding.

(2) Call Handling and Destination Feature Charge
This feature allows the 800 Service Providers to create call processing logic for 800 NXX-XXXX dialed calls. This feature may be used in combination with one or more routing options.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)
5.7.3 800 Data Base Access Service (Cont'd)

(C) Rate Application

(1) 800 Data Base 800 Service Provider Identification Charge

This charge provides for the identification of the appropriate 800 Service Provider for 800 Data Base Access. The charge is assessed to the TC on a per query basis. The per query rates are set forth in Section 5.7.7(B) following.

(2) 800 To POTS Translation Optional Feature Charge

When the 800 Service Provider has requested the delivery of 800 to POTS Number Translation and there is no active Call Handling Destination Feature, TCs will be assessed the 800 to POTS Number Translation rate on a per query basis. The per query rates are set forth in Section 5.7.7(B) following.

(3) Call Handling and Destination Feature Charge

A recurring rate will apply on a per query basis when options of the Call handling and Destination Feature are used for call routing information. When a combination of one or more of the options of the Call Handling and Destination Feature is used on the same call, only one such query rate shall apply. The Call Handling and Destination Feature recurring rates are set forth in Section 5.7.7(B) following.

(D) Obligations of the TC

The Telephone Company will implement network management controls such as, automatic code gapping which will instruct the query coordinator (i.e., 800 TC) to reduce the number of queries sent to an overloaded 800. The Telephone Company will return an Automatic Code Gap (ACG) component in the response to 800 access TC's queries when the 800 has reached an overload condition. ACG is applied uniformly to all users of the database. When the 800 TC receives an ACG response the TC is expected to enter the six digit code (i.e., NPA-NXX) on a control list and follow the code gapping procedures outlined in GR-954-CORE. Once the overload condition is over, the response from the 800 will no longer contain the ACG component and the six digit code should be removed from the TC's control list.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)

5.7.4 Line Information Data Base (LIDB) Access

(A) General

LIDB Access is provided to the TC via CCS/SS7 links, as set forth in Section 5.7.2 preceding, from the TC's Signaling Point of Interconnection (SPOI) to the Telephone Company Signaling Transfer Point (STP) located with the LIDBs in LATA 132. LIDB Access provides the TC the ability to query the Telephone Company's LIDB database.

TCs may also obtain LIDB Access Service via a CCS/SS7 Hub provider that has previously ordered CCS/SS7 links and LIDB Access Service from the Telephone Company.

LIDB Access provides the TCs with billing validation data required to perform the following functions:

- validation of applicable (Telephone Company or TC) calling cards
- determination of toll billing exception information for use with alternately billed calls (e.g., collect, third party)
- determination of billed lines as a public or semi-public pay telephone
- provision of Calling Name Delivery (CNAM) service
- provision of Service Provider Identification (SPID)

(B) Regulations

(1) Unless expressly authorized in writing by the TC and the Telephone Company, LIDB Access is not to be used for purposes other than those LIDB Access functions described in (A) preceding.

(2) Data accessed from LIDB may not be stored elsewhere by the TC for future use.

(3) In the event of a claim or suit, by the TC or by any others for damages associated with LIDB Access, including but not limited to, any claims or suits for damages associated with the accuracy of the billing validation data accessed by the TC from LIDB, the Telephone Company's liability shall be limited to the actual costs of access provided.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd
5.7.4 Line Information Data Base (LIDB) Access (Cont'd)

(C) Limitation on Use - Proprietary Information

Proprietary information residing in the Telephone Company's LIDB is protected from unauthorized access.

Examples of proprietary information include, but are not limited to, the following:

- Billed Number Personal Identification Numbers (PINS)
- Primary Interexchange Carrier (PIC) Information
- Originating Station or Equipment Indicators
- Billed Number Screening Indicators
- TC Denial Information
- Reports on LIDB Usage
- Information related to billing for LIDB usage
  - (1) Proprietary to the Telephone Company
    - (a) Telephone Company End User Records
    - (b) LIDB Usage Statistics
    - (c) Reports on LIDB Usage
  - (2) Proprietary to the TC
    - (a) Billed Number
    - (b) Pin Number(s)
    - (c) Interexchange Carrier (IC) Preference
    - (d) Originating Station or Equipment Indicators
    - (e) Billed Number Screening (BNS)

(D) Rate Regulations

(1) The LIDB SCP query charge provides for database look-up and response of the calling card, toll billing exception and public or semi-public payphone performance data. This charge applies on a per query basis as set forth in Section 5.7.7(A) following.

(2) LIDB Access is also subject to nonrecurring charges for account processing management. The LIDB Establishment Charge provides for the establishment of Originating Point Codes designation in the involved Telephone Company systems. This nonrecurring charge also applies when changes are made to an existing Originating Point Code on a nonrecurring basis.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)
5.7.4 Line Information Data Base (LIDB) Access (Cont'd)

(E) Obligations of the TC

(1) LIDB Access will be subject to the Provision of Records requirements.

(2) The TC shall provide, on a semi-annual basis, a LIDB Network Management Report, as described in Technical Publication GR-954-CORE. The Telephone Company will implement network management controls such as, automatic code gapping which will instruct the query coordinator (i.e., LIDB TC) to reduce the number of queries sent to an overloaded LIDB. The Telephone Company will return an Automatic Code Gap (ACG) component in the response to LIDB access TC's queries when the LIDB has reached an overload condition. ACG is applied uniformly to all users of the database. When the LIDB TC receives an ACG response the TC is expected to enter the six digit code (i.e., NPA-NXX) on a control list and follow the code gapping procedures outlined in GR-954-CORE. Once the overload condition is over, the response from the LIDB will no longer contain the ACG component and the six digit code should be removed from the TC's control list.

(F) Obligations of the Telephone Company

(1) The Telephone Company performance standard for LIDB Access Service shall be set at an annual objective of no greater than 12 hours of down time per LIDB.

(2) The average response time for a LIDB query is .5 seconds per query and should not exceed 1 second for 99 percent of all queries.

(3) The Telephone Company will update the LIDB information; add, delete, and modify TCs records based upon information received from the TC. Routine updates (i.e., adds, deletes, changes) of the Telephone Company LIDB will be conducted daily during normal business hours.

(G) Testing Specifications

(1) Additional Cooperative Acceptance Testing will be performed on a cooperative basis with the TC.

(2) Additional Cooperative Acceptance tests for LIDB Access are described in Technical Publication GR-954-CORE.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)

5.7.5 Line Information Data Base (LIDB) Record Management

(A) General

(1) LIDB Record Management is provided to TCs who designate the Telephone Company as their LIDB provider.

(2) LIDB Record Management provides the TC with the ability to store certain records of their end users in the Telephone Company LIDB.

(3) The query capability is provided to TCs that request Telephone Company LIDB Access as set forth in Section 5.7.4 preceding.

(4) The Telephone Company LIDB Record Management Service does not include the provisioning of facilities over which to access the Telephone Company.

(5) The TC is responsible for making separate arrangements to obtain access to query functions.

(6) The storage of the TC's records in the Telephone Company LIDB will make the TC's records available for itself, and other Telecommunication companies that order LIDB Access.

(7) TCs will be provided two ways of accessing the Telephone Company LIDB. These access options are via direct correspondence with the Telephone Company service order point of entry, and/or via electronic OSS interfaces.

(B) Regulations

(1) TCs will send to the Telephone Company end user record data for inclusion in the LIDB. The TC is responsible for the accuracy of the end user records that it provides to the Telephone Company. The TC must provide a forecast of the number of records that will be forwarded to the Telephone Company annually for storage and the number of updates to be processed annually. All the TC's end users line records must be included in the Telephone Company LIDB whether screening is to be applied or not for positive validation.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)
5.7.5 Line Information Data Base (LIDB) Record Management (Cont'd)
(B) Regulations (Cont'd)

(2) The Telephone Company, at the direction of the TC, will input and update three types of records to be stored in LIDB. These record types are as follows:

- alternate billing/screening to support collect and third number calls,
- Caller ID with customer listed name (CNAM)
- Calling Card

The TC must specify which type of record is requested to be interfiled to LIDB. The TCs will be allowed to update, i.e., add, change, or delete their records in LIDB.

(3) The TC is responsible for providing the Telephone Company with timely updates concerning the records that are stored in the LIDB. TC updates and storage will be subject to rates and charges as listed in Section 5.7.7(C) following. The minimum period for LIDB Record Management Service is one year. This period begins when the first TC end user record is stored in LIDB.

(4) The accuracy of the data stored in LIDB is limited to the updates provided by the TC.

(5) TCs will send to the Telephone Company for input to the LIDB, terminating screening records associated with screening collect and bill to third number calls. The data that will be required by the TC is as follows:

- Customer's Name
- Customer Identification Number
- Record Date
- Record Type
- Record Sequence
- Action Type (Add, Delete, & Change)
- End user Account line number (NPA/NXX/LINE)
- End user Name
- Class of Service
- Blocking Identifier

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)
5.7.5 Line Information Data Base (LIDB) Record Management (Cont'd)
(B) Regulations (Cont'd)
(5) (Cont'd)

- Blocking Option
  A= Block both Collect and Bill to third number
  B= Block bill to third and accept Collect
  C= Block Collect and accept Bill third number
  D= Calling Card Denied

If no screening information is received from the customer, the Telephone Company will not provide blocking.

(6) TCs will send to the Telephone Company for input to the LIDB records indicating Caller ID with the listed name (CNAM) of their end users. The data that will be required by the TC is as follows:

- Customer Name
- Customer Identification Number
- Record Date
- Record Type
- Record Sequence
- Action Type (Add, Delete, & Change)
- End user Account number: (NPA/NXX/LINE)
- End user Name
- Class of Service
- CNAM Edit Name: (Limited to 15 characters and the Telephone Company edit rules *)
- Privacy Identifier:(NBJ for NY area)
- Privacy code:(Y for Restricted; N for not Restricted)

As a result the name information provided in response to a query may not contain the full specifics associated with the customer's end user's listing information. Additional rules apply for the 15 character limit and are available upon request.

* Caller ID with customer listed name records are limited to 15 characters.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)
5.7.5 Line Information Data Base (LIDB) Record Management (Cont'd)
(B) Regulations (Cont'd)

(7) TCs will send to the Telephone Company for input to the LIDB records associated with their end user calling cards. The data that will be required by the TC is as follows:

- Customer's Name
- Customer Identification Number
- Record Date
- Record Type
- Record Sequence
- Action Type (Add, Delete, & Change)
- End user Account number: (NPA/NXX/LINE)
- Fictitious account number: (RAO/0/1XX/XXXX(format example)
- End user Name
- Class of Service
- Pin Type: (Restricted or Unrestricted)
- Pin: (Limited to 4 digits within a specified range)

(8) The availability to interfile calling card records will require that the same monitoring and fraud procedures that apply to the Telephone Company records will apply to the TC's customer's records that are stored in the LIDB. The Telephone Company will not be liable for charges associated with fraudulent use of the TC end user's calling cards. The Telephone Company will not be responsible for contacting the TC's end user.

(C) Rate Regulations

(1) LIDB Record Management is subject to transaction charges or monthly rate as set forth in Section 5.7.7(C) following.

The LIDB record charge provides for the storage of the TC's end user records in the Telephone Company LIDB. This fixed monthly rate will apply based on the number of the TC's records stored in the LIDB as of the end of the billing period, and will apply on a per record basis.

The LIDB database load charge provides for the processing of the TC's data in an electronic format. This rate applies on an hourly basis according to the level of records processed. (C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)

5.7.6 Access to SMS

(A) General

The Telephone Company will provide the TC with a process to create and test AIN-based services on the Telephone Company's AIN Service Creation Environment (SCE). After the Telephone Company has tested the TC's new AIN based service for interoperability on the Telephone Company's network, the Telephone Company will make the AIN-based service available on its AIN Service Control Port (SCP) for access from the TC's own network and from the TC's unbundled local switching ports and will provide a process for the TC to create and modify its own end user customer records. The Telephone Company created AIN service logic resident on Telephone Company SCPs will also be available to TCs from either their own networks or TC's unbundled local switching ports. Line or switch "triggers" initiate the call processing query to the AIN SCP. It is the responsibility of the TC to either order appropriate AIN triggers from the Telephone Company or provide them in their own network. These are available as optional line port features (AIN Triggers) as part of the Unbundled Local Switching product set as set forth in Section 5.6.1.1(C) preceding.

(B) Regulations

(1) Service Creation
AIN service creation is unique to each TC. As such, development of the service logic is customer specific. Use of the AIN Service Creation Environment (SCE) is subject to the procedures outlined in the Advanced Intelligent Network Service Creation User guide. A nonrecurring Service Establishment Charge applies for each Service Creation Access account established. The SCE may be accessed either remotely via scheduled use of a BRI ISDN connection or through the scheduled use of physical facilities on a Telephone Company premises. A Daily rate will apply for each 24 Hour period that the service is scheduled. Rates are as set forth in Section 5.7.7(D) following.

(2) Certification Testing
Once the AIN service logic is created, certification testing is required to ensure network and feature capability. After passing certification, the AIN service logic will be loaded on the AIN SCP for use solely by the TC. Quarter Hour rates for the support of Telephone Company personnel to provide the Certification Testing process will apply as set forth in Section 5.7.7(D) following.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)
5.7.6 Access to SMS (Cont'd)
(B) Regulations (Cont'd)

(3) Help Desk Support
Telephone Company Help Desk personnel will be available during normal business hours to answer generic questions related to the operation of the SCE, the AIN network, and related components in the Telephone Company network. Quarter hourly rates for the Help Desk support will apply. Rates are as set forth in Section 5.7.7(D) following.

(4) AIN Customer Record Administration
TC customer specific call processing records are maintained in the AIN SCP. The Telephone Company will provide a process for the TC to create and modify these records as required. Quarter Hour rates for SCP Record Provisioning will apply for Telephone Company personnel to load the records in the Telephone Company SCP as set forth in Section 5.7.7(D) following. In addition, a SCP and Record Charge will apply for each individual record established in the SCP. Rates are as set forth in Section 5.7.7(D) following.

(5) AIN Query and Response
Queries are launched to the AIN SCP to access the AIN service logic applications for call processing information. The AIN SCP will return a response to the querying switch with the call processing instruction. The queries and response utilize SS7 protocol. A trigger is required at the end office to initiate the query to the AIN SCP. It is the TC's responsibility to provide the trigger from its own network or the TC may order from the Telephone Company when unbundled switch ports are utilized. Triggers are provided subject to the TC AIN Service Certification Process.

(a) One AIN SCP Query and Response Message charge, as set forth in Section 5.7.7(D) following, will apply for each query launched to the Telephone Company's AIN SCP which utilizes AIN SCP processing equivalent to an AIN Call Unit (ACU). An ACU is equivalent to an 800 Database query. Queries utilizing more than one ACU will be charged additional AIN SCP Query and Response message charges equivalent to the amount of ACUs required. In addition, an AIN Trigger - per query rate, as set forth in Section 5.6.1.7(B) preceding, will apply for each query initiated by an AIN Trigger within the Telephone Company network.

(b) SS7 Transport - An SS7 Transport for AIN Message charge, as set forth in Section 5.7.7(A)(3) following will apply for each AIN query initiated to the SCP. This rate will also apply for each query initiated to a TC database by a Telephone Company AIN trigger.

(C) Rates and Charges

The rates and charges for Access to SMS are set forth in Section 5.7.7(D) following.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)
5.7.7 Rates and Charges for Access to Signaling Systems and Databases
(A) Signaling Systems

		Nonrecurring Charges
(1)	Supervisory Signaling	None
(2)	SS7 Signaling Modifications	
	- per Telephone Company STP pair	
	- Re-home 'D-Link'	$233.01
	- 'A-Link' to 'D-Link' Conversion	174.76
	Change in Hub Providers	116.51

		Monthly Rates
(3)	Common Channel Signaling	
	Network Interconnection	
	- STP Signaling Link	
	- per DS0	
	- Fixed per interface point*	$ 28.08
	- Per Mile**	0.09

STP Signaling Link NRCs

	Normal	Expedite
Service Order	61.63	95.67
C.O. Wiring	33.45	47.85
Provisioning	100.82	149.27
Installation Dispatch – Initial	114.06	160.65
Installation Dispatch – Additional	38.75	54.57

	Monthly Rates
STP Port	
- per STP port	305.88

STP Port NRCs (Service Provisioning)

	Normal	Expedite
Service Order	9.01	13.99
CO Wiring	89.54	128.07
Provisioning	706.39	883.21

- Each STP Signaling Link requires two interface points per link.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)
5.7.7 Rates and Charges for Access to Signaling Systems and Databases (Cont'd)
(A) Signaling Systems (Cont'd)
(3) Common Channel Signaling
Network Interconnection (Cont'd)

Signaling Usage Rate	Usage Rates (per message)
- Call Setup Message	$.000297
- Class Message	.000816
- AIN Message	.001103
- 800 Message	.000866
- LIDB Message	.000820

	Nonrecurring Charges		
	Normal	Expedite	(C)
- Service order charge	$ 9.01	13.99	(C)
- STP Translation Charges			(T)
- per STP pair modified			
A-Links:			
- Basic ISUP	72.09		(C)
- ISUP + TCAP	59.13		
- 800 DB Queries	64.81		
- LIDB Queries	64.81		
- CLASS Features	64.81		(C)
- Additional charge per 10 originating TC NPA-NXX Input	29.13		(C)
- Calling Name	64.81		(C)
- AIN Queries (Telephone Company)	64.81		(C)
- CLEC-to-CLEC	59.13		(C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)
5.7.7 Rates and Charges for Access to Signaling Systems and Databases (Cont'd)
(A) Signaling Systems (Cont'd)
(3) Common Channel Signaling
Network Interconnection (Cont'd)

	Nonrecurring Charges	
D-Links:		
- Basic ISUP	$ 44.27	(C)
- ISUP + TCAP	44.27	
- 800 DB Queries	51.55	
- LIDB Queries	51.55	
- CLASS Features	51.55	(C)
- Additional charge per 10 originating TC NPA-NXX Input	29.13	(C)
- Calling Name	51.55	(C)
- AIN Queries (Telephone Company)	51.55	(C)
- CLEC-to-CLEC	44.27	(C)
- Addition of subsequent TC Originating Point Codes to Telephone Company STP pair, - per originating TC Originating Point Code	58.25	(C)
- End Office Translations - per Telephone Company End Office modified, per TC Originating Point Code	9.90	(C)
Testing Set-Up:		
- per TC switch generic software		
- MTP: Levels 2 & 3	543.70	(C)
- ISUP	543.70	(C)
- 800 DB Queries, LIDB Queries,		
- CLASS Features, Calling Name	67.96	(C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)
5.7.7 Rates and Charges for Access to Signaling Systems and Databases (Cont'd)
(A) Signaling Systems (Cont'd)
(3) Common Channel Signaling
Network Interconnection (Cont'd)

	Nonrecurring Charges	
Testing:		
- per TC switch generic software		
- MTP: Levels 2 & 3	$ 849.20	(C)
- ISUP	1,273.81	(C)
- 800 DB Queries,	106.15	(C)
- Calling Name, LIDB Queries, CLASS Features	53.08	(C)
(4) Credit		
- 800 Message Transport	0.000154	
- LIDB Message Transport	0.000145	
- AIN Message Transport	0.000182	

(B) 800 Data Base Access Service

	Rates	
- 800 Service Provider Identification Charge		
- per query	$ 0.000133	(C)
- 800 to local Number Translation		
- per query	0.001265	
- Call Handling and Destination Feature		
- per query	0.001265	

(C) LIDB

(1) LIDB Access		
- LIDB SCP		
- per query	0.000094	(C)
(2) LIDB Record Management		
- LIDB Record Charge		
- per record per month	0.03	
- LIDB Database Load Charge		
- 1 to 10,000 records, per hour	36.98	
- 10,001 or more records, per hour	152.42	

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)
5.7.7 Rates and Charges for Access to Signaling Systems and Databases (Cont'd)

(D) Access to SMS

		Daily	Monthly Rates	Nonrecurring Charges
(1)	Service Creation Development			
	- per service established			$773.56
	- Usage			
	Remote	$727.83		
	On Premises	727.83		
	- Access Port		$0.00	

		Per Quarter Hour or Fraction thereof
(2)	Certification Testing Development	
	- Service Certification	$17.53
(3)	Help Desk Support Development	18.24
(4)	AIN Customer Record Administration - SCP Development	
	Record Provisioning	14.60

		Usage Rates
(5)	AIN Customer Record Administration Deployment	
	SCP and Record Charge	
	- Per record	$0.22318
(6)	AIN Query and Response	
	- per query/per ACU	0.000954

		Nonrecurring Charges		
(7)	Other Nonrecurring Charges			(N)
		Normal	Expedite	(N)
	- AIN Service Activation			(N)
	Service Order Charge	9.01	13.99	(N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.7 Access to Signaling Systems and Call-Related Databases (Cont'd)
5.7.7 Rates and Charges for Access to Signaling Systems and Databases (Cont'd)

(E) Other Nonrecurring Charges

	End Office	USOC	End Office Expedite	USOC	
Service Order - per order	$ 9.01	NR93M	$ 13.99	NR9U6	(C)
Manual Intervention Surcharge	29.09	NR9U5	45.16	NR94C	(C)
Service Charge – Provisioning - per DS1 port	529.73	NR94D	684.16	NR94H	(T) (C)
Installation Charge - CO Wiring - per DS1 port	27.66	NR94M	39.56	NR94Q	(C)

	Tandem	USOC	Tandem Expedite	USOC	
Service Order - per order	$ 9.01	NR93M	$ 13.99	NR9U6	(C)
Manual Intervention Surcharge	29.09	NR9U5	45.16	NR94C	(C)
Service Charge – Provisioning - per DS1 port	465.32	NR94E	619.74	NR94J	(T) (C)
Installation Charge - CO Wiring - per DS1 port	28.64	NR94O	40.96	NR94R	(C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.8 Directory Assistance and Operator Services

Notwithstanding any other provisions of this Section 5.8, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

This option allows the TC to connect to the Telephone Company's operator services switch to provide Directory Assistance and Operator Services to the TC's end users. To provision either of these services, the TC must access an unbundled dedicated trunk port at the Telephone Company's operator services switch. The Telephone Company will designate the appropriate operator services switch. The charges for unbundled dedicated trunk ports are set forth in Section 5.8.8(F) following. Where applicable, Rearrangement charges, as set forth in Section 5.3.4.6(J) preceding, and Record Change Charge, Design Charge and Cancellation Charges, as set forth in Section 5.11(F) following, will apply. Additional elements may be required for delivery and completion of Directory Assistance and Operator Services traffic.

5.8.1 Directory Assistance (DA) Services

Under this option, the Telephone Company will provide Directory Assistance to TC end users on behalf of the TC.

The Telephone Company will offer Directory Assistance (DA) service to a TC's customers served by the TC's own switch over separate trunk groups ordered by the TC to the Telephone Company TOPS switch(es) as specified in Section 5.8 preceding.

Trunk terminations at the TOPS switch(es) require the TC to purchase trunk ports at rates specified in Section 5.8.8(F) following. For each trunk group the TC must indicate the DA option selected as set forth in Sections 5.8.1.1, 5.8.1.2 and 5.8.1.3 following.

5.8.1.1 Directory Assistance

(1) General
This option provides TC end users access to Telephone Company Directory Assistance operators for IntraLATA Directory Assistance via 411 or (NPA) 555-1212 dialing.

(2) Regulations
There are no Directory Assistance call allowances provided to the TC or their end users.

(3) Rates and Charges
Rates for requests for Directory Assistance will be billed to the TC and are set forth in Section 5.8.8(A)(1) following.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.8 Directory Assistance and Operator Services (Cont'd)
5.8.1 Directory Assistance (DA) Services (Cont'd)

5.8.1.2 Directory Assistance with Branding

(1) General
This option allows the TC to have the Telephone Company provide a TC branded, introductory Directory Assistance announcement to TC end users.

(2) Regulations
This message may be a maximum of eighteen (18) seconds and may be recorded by the TC or, at the TC's request, by the Telephone Company. A minimum of two (2) audio cassette recordings of the TC branding announcement must be forwarded to the Telephone Company.

(3) Rates and Charges
Rates for requests for Directory Assistance with branding will be billed to the TC and are set forth in Section 5.8.8(A)(1) following.

5.8.1.3 Directory Assistance Call Completion (DACC)

(1) General
This option provides for automatic connection of a TC end user calling Telephone Company DA to the published telephone number requested.

After the Telephone Company DA operator provides the requested number, a recorded service message will offer to connect the caller to that number for a specified additional charge.

The caller can accept the offer for DACC by depressing a button (touch tone) or responding by voice (dial), as instructed by the voice message.

(2) Regulations
DACC will be provided only where facilities and operating conditions permit and only when billing requirements can be met.

The Telephone Company will return all DACC calls to the TC's facilities, where the TC will provision for applicable call completion services unless the parties mutually agree to an alternative. (C) (C)

DACC is available to TC residence and business customers and from public telephones on a collect, bill to third number or calling card basis. The charge appropriate to the billing option used will apply in addition to the DACC charge.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.8 Directory Assistance and Operator Services (Cont'd)
5.8.1 Directory Assistance (DA) Services (Cont'd)
5.8.1.3 Directory Assistance Call Completion (DACC) (Cont'd)
(2) Regulations (Cont'd)

DACC is available with all telephone numbers in the Company DA database except: (T)
- non-published telephone numbers
- interLATA numbers
- 700, 800 and 900 numbers
- 976 or local pay-per-call numbers (C)(1)

When a caller requests more than one number for Directory Assistance, DACC is offered only for the first eligible listing that was selected by the operator.

The DACC charge applies only to calls actually completed.

The DACC charge will be credited for completion of calls to the wrong number, incomplete connections or calls with unsatisfactory transmission as set forth in Section 5.8.1.4 following.

(3) Rates and Charges

Rates for requests for DACC will be billed to the TC as set forth in Section 5.8.8(A)(2) following.

5.8.1.4 Directory Assistance Credits

A credit allowance will apply to the TC for directory inaccessibility, wrong numbers, cut-offs or poor transmission. When the TC end user reports to the Company directory assistance operator such a call (T)
and the number requested, the number provided and the reason the number provided is incorrect, the number of calls for which a credit will apply will be developed by the Company DA operator and credited (T)
to the TC identifying the specific TC end user to whom the credit applies.

5.8.1.5 Direct Access to Directory Assistance (DADA)

(A) General

Direct Access to Directory Assistance (DADA) is a database service that provides for access to Company listings by a TC's operator. The DADA database is a physically distinct entity from the (T)
Company DA database, populated with identical listing data, and updated from the same source on a (T)
daily basis. Access to the DADA database shall also be governed by terms and conditions specified in individual agreements between the Company and each TC subscribing to DADA. (DADA (T)
Agreements)

(1) Tariff P.S.C. No. 15, Attachment 1, Paragraph 5 sets forth the implementation date for this change as (N)
provided for in Tariff P.S.C. No. 15, Section 1.A.13, Implementation Date of Tariff Amendments. (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.8 Directory Assistance and Operator Services (Cont'd)
5.8.1 Directory Assistance (DA) Services (Cont'd)
5.8.1.5 Direct Access to Directory Assistance (DADA) (Cont'd)

(B) Regulations

(1) The TC is required to arrange for interconnection to the database. The Telephone Company will interconnect at any technically feasible point designated by the TC.

(2) The Telephone Company will provide the TC with a user Guide for training its agents.

(C) Rates and Charges

Rates and Charges for DADA will be billed to the TC and are set forth in Section 5.8.8(A)(3) following.

5.8.1.6 Directory Assistance Listings Transfer (DALT)

(A) General

Directory Assistance Listings Transfer (DALT) provides TCs who request to offer operator Directory Assistance Service, with the capability to access the Telephone Company's New York directory listings database.

(B) Regulations

(1) This service is for use by TCs in providing local exchange service in the State of New York.

(2) DALT will include all directory listings in the database. Non-published listings will be provided only for the purpose of providing Directory Assistance Services.

The non-published information shall be provided subject to the TC's agreement to abide by the Privacy Principles in Case No. 90-C-0075 and with the agreement not to use the information for any purpose other than informing directory assistance callers that the customer's telephone number is non-published. Address information of non-published customers shall not be given out by TCs and shall be used for identification purposes only. Any violation of this provision or PSL Section 91 (5) may result in loss of DA access and/or subject the violator to a penalty action under PSL Section 25.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.8 Directory Assistance and Operator Services (Cont'd)
5.8.1 Directory Assistance (DA) Services (Cont'd)
5.8.1.6 Directory Assistance Listings Transfer (DALT) (Cont'd)
(B) Regulations (Cont'd)

(3) The Telephone Company shall not be liable for any errors and omissions in the Telephone Company's listings, including the DL (Directory Listings) data provided to the TC. The TC shall protect, indemnify, save harmless and defend the Telephone Company from and against any and all loss, liability, damages and expense arising out of any demand, claim, suit or judgment for damages that may arise out of the Telephone Company's supplying of DL or TC's use of data contained therein irrespective of any fault, failure, or negligence on the part of the Telephone Company, including but not limited to claims made by consumers or other telephone companies(s) or ITC(s) relating to the provision, use or accuracy of DALT or DL data.

(4) The TC, its employees, representatives, or agents shall not use any methods of advertisement, solicitation, order form, billing invoice, stationary, promotional material or any artifice or device which would tend to create the impression or imply that any service provided by the TC, whether using DALT or not, was or is associated with or sponsored by the Telephone Company or any of its affiliates.

(5) The Directory Listing Database is and shall remain the property of the Telephone Company. The TC shall have no right to permit any other TC or person to use any information extracted therefrom without the express written consent of the Telephone Company, provided, however, the TC is authorized to make a general distribution of the directories that it published.

(6) Failure of the Telephone Company to enforce or insist upon compliance with any provision of this Tariff shall not constitute a waiver of its right to enforce future compliance with that provision or compliance with any other provision hereof.

(7) Failure to comply with the provisions of this Tariff shall result in termination of the service and the TC shall immediately return to the Telephone Company all copies of DALT data in its possession and shall make no further use of DALT data. The Telephone Company may suspend or cease the service when the TC fails to make timely payment of charges or when the Telephone Company has reasonable grounds to believe that the TC has been or is in violation of the prescribed use and application of the data or other terms of the Tariff. Upon TC termination of DALT, the TC shall return all copies of DALT or provide adequate written proof that the data has been removed from its systems and has been destroyed.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.8 Directory Assistance and Operator Services (Cont'd)
5.8.1 Directory Assistance (DA) Services (Cont'd)
5.8.1.6 Directory Assistance Listings Transfer (DALT) (Cont'd)
(B) Regulations (Cont'd)

(8) The TC shall also be responsible to the Telephone Company for any and all loss, damage and expense the Telephone Company may suffer as a result of the publication by the TC, whether advertent or inadvertent, by the TC of the subscriber's non-published telephone number, including, but not limited to the cost incurred in changing the subscriber's telephone number.

(C) Undertaking of the Telephone Company

(1) The Telephone Company will provide directory listings, in electronic format or other media, for its New York end user customers.

(2) The Telephone Company will provide the following DALT records:

- The Full load update which consists of the initial Directory Listing record will be provided via electronic file transfer or other media. (C)
- The Daily Updates, which consist of all change activity made since the previous update will be provided via electronic file transfer or other media.

Requests for other media will be handled on a negotiated basis, and rates will be based on cost.

(3) Daily updates are provided at the same frequency and with the same basic content that the Telephone Company uses to update its own Directory Assistance database.

(4) A DALT Technical Transfers Specification document will be made available to TCs in designing their DA database system.

(E) Rate Application

(1) The Full Initial Extract Charge provides for the initial full load update and applies per transaction.

(2) The Daily Update rate provides for the daily updates and applies on a monthly basis.
Rates and charges for DALT are set forth in 5.8.8(C) following.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.8 Directory Assistance and Operator Services (Cont'd)
5.8.1 Directory Assistance (DA) Services (Cont'd)

5.8.1.7 ATLAS View of Listings Service

(A) General

ATLAS View of Listings Service provides the TC with the ability to electronically request and view Directory listing of an end user. The view of the listing reflects the most recent, completed service order activity. This service provides the TC with an accurate display of how the listing will appear in the upcoming published directory.

(B) Service Description

ATLAS View of Listings Service is provided through an on-line electronic interface system. The TC will launch a query for either a straight line or caption package listing, using as an access key either a listings identifier, a package identifier, a full name, a partial name, or a telephone line number.

The two types of listings and the two corresponding types of query transactions that the TC may request, are as follows:

(1) A straight-line listing which is a single record containing all of the listing information associated with the end user. This type of transaction searches for all single line listings that match the access key (e.g., customer name).

(2) A caption package listing which consists of a group of records under a single corporate or organizational heading (or caption) with up to six additional levels of sub-headings and individual listings. This type of transaction searches for all multiple listings that match the access key.

(C) Regulations

(1) The TC will be able to view all current published listings for customers of all local carriers, including the Telephone Company, although the identity of the serving carrier will not be indicated. This will allow the TC real-time access to an up-to-date display of the listings database.

(2) The request for this service will be transmitted by the TC to the Telephone Company's Telecom Industry Services Operations Center in electronic format via a communications link established between the TC and the Telephone Company. The current customer listings record will be formatted by the Telephone Company and transmitted electronically back to the TC.

(3) An electronic Listing Retrieval Charge applies to each electronic Directory listing delivered to the TC. A TC may request any number of Directory listings, but will only be charged for the number of electronic Directory listings successfully transmitted to the TC.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.8 Directory Assistance and Operator Services (Cont'd)
5.8.1 Directory Assistance (DA) Services (Cont'd)
5.8.1.7 ATLAS View of Listings Service (Cont'd)

(D) Rates and Charges

The rates and charges for requests for ATLAS View of Listings Guide as set forth in Section 5.8.8(D) following.

5.8.2 Basic Operator Services

Under this option, the Telephone Company will provide basic operator services, both automated and live, as described below.

5.8.2.1 Automated Operator Services (0+/Mechanized Operator Services)

This option enables the TC's end users to alternately bill their calls without live operator assistance. Alternate billing consists of calling card, collect, and bill to third number. This automated process occurs when the TC's end users dial 0+ and reach the Telephone Company's mechanized operator interface. The Telephone Company will return calls requiring completion to the TC's facilities, where the TC will provision for applicable call completion services unless the parties mutually agree to an alternative.

The Telephone Company will bill the TC for each 0+ mechanized call occurrence, as set forth in Section 5.8.8(A) following. At the TC's request, the Telephone Company will provide TC specific branding, which will be billed per occurrence in addition to the charges mentioned above.

5.8.2.2 Live Operator Services

This option enables the TC's end users to reach a live Telephone Company operator for assistance. This assistance includes the following call types: calling card, collect, bill to third number, person to person, emergency, and miscellaneous information. This live process occurs when the TC's end users dial 0- and reach the Telephone Company's operator services switch and live operator. The Telephone Company will return calls requiring completion to the TC's facilities, where the TC will provision for applicable call completion services unless the parties mutually agree to an alternative. (C)

The Telephone Company will bill the TC for each 0- operator handled call, either on an occurrence basis or an operator work second basis, as set forth in Section 5.8.8(A) following. At the TC's request, the Telephone Company will provide TC specific branding, which will be billed per occurrence in addition to the charges mentioned above.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.8 Directory Assistance and Operator Services (Cont'd)
5.8.2 Basic Operator Services (Cont'd)

5.8.2.3 Additional Operator Services Features

(a) Real Time Rating

Real Time Rating is a capability that enables a Telephone Company operator to provide the TC's standard tariff rates to the TC's end users, when the Telephone Company is providing operator services to that TC. The Telephone Company must be the Operator Services provider for the TC to utilize this service. This capability applies only to standard rates effective at the day and time of the inquiry, and for calls made from the actual line used by the end user to call the Telephone Company operator. Rates cannot be provided that account for optional calling plans or other discounts from standard tariff rates. The requesting TC must provide appropriate rate tables in the format defined by the Telephone Company. The requesting TC must provide an initial list of line numbers associated with the TC subscribers in a format to be defined by the Telephone Company. If a TC utilizing unbundled local switching as specified in Section 5.6 preceding, requests this service, Operator Service calls must be routed via dedicated trunks ports between the end office in which they have unbundled local switching ports and the TOPS switches.

Rate information/schedules, CIC and OCN must be provided to the Real Time Rating System Administrator (RTRSA) 60 days prior to the requested service date. Confirmation of receipt of the information and the service start date will be provided by the Telephone Company to the TC.

The rates are set forth in Section 5.8.8(E)(1) following. (T)

(b) Automated Coin Toll Service

Automated Coin Toll Service (ACTS) provides the capability to process Intra-LATA toll calls originating from coin phones without operator intervention. After the caller dials a valid 1+IntraLATA Toll call from a coin phone, an automated system prompts the caller to deposit the proper amount of coins for call completion. If the caller fails to deposit the correct amount within the time threshold set by the Telephone Company, the call will default to a live operator for handling. If an insufficient amount is received within the established time threshold, a Telephone Company Operator will prompt the caller to deposit an additional amount. In the event a sufficient amount is not received the call will not be completed. Any overdeposit of coins will be credited toward any overtime. This option is only available with use of the Telephone Company's Operator Services.

Rates and Charges for Automated Coin Toll Service will be billed to the TC and are set forth in Section 5.8.8(E)(2) following. (T)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.8 Directory Assistance and Operator Services (Cont'd)
5.8.3 (Reserved for future use) (C)

(D)

5.8.4 (Reserved for future use)

5.8.5 (Reserved for future use)

5.8.6 (Reserved for future use)

Wholesale Busy Line Verification and Interrupt Service has been withdrawn from the Tariff effective April 14, 2013. (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.8 Directory Assistance and Operator Services (Cont'd)

5.8.7 Flexible Pricing (M)(T)

(A) The rates and charges for DA, DACC, BLV, BLV/I, Collect, Bill to Third, Sent Paid, Person 0+ Mechanized/OPH, Calling Card, 0+ Mechanized/OPH, Bill to Third, and Automated Coin Toll Service may be reduced selectively and in varying amounts to the minimum rate filed. (N)

(B) The rates and charges for DA, DACC, BLV, BLV/I, Collect, Bill to Third, Sent Paid, Person 0+ Mechanized/OPH, Calling Card, 0+ Mechanized/OPH, Bill to Third, and Automated Coin Toll Service may be increased selectively and in varying amounts not to exceed the maximum rate filed.

(C) The Company reserves the right to change the rate as described in (A) and (B) preceding at any time upon 10 days' notice to the Public Service Commission by providing a revised Rate Schedule. The rate currently in effect is listed in the Attachment to this Tariff.

(D) A change in the rates and charges for DA, DACC, BLV, BLV/I, Collect, Bill to Third, Sent Paid, Person 0+ Mechanized/OPH, Calling Card, 0+ Mechanized OPH, Bill to Third, and Automated Coin Toll Service will be applied on the date the new change becomes effective.

(E) A rate will not be changed unless it has been in effect for at least 30 days.

(F) Notification of the flexible pricing rate changes will be made to all customers who at that time are purchasing the relevant services under this tariff. (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.8 Directory Assistance and Operator Services (Cont'd)
5.8.8 Rates and Charges
(A) Directory Assistance and 0- Operator Handled Per Call Rate Range

Description	Rate Range	
DA - Per request	$0.300683 - $0.42	]
DACC - Per request	0.024182 – 0.32	
BLV - Per request	0.699919 – 0.90	(C)
BLV/I - Per request	0.726441 – 1.35	
Collect - Per request	1.004536 – 1.42	
Bill to Third - Per request	1.004536 – 1.20	]
Calling Card - Per request	0.470738 – 1.20	(N) (N)
Sent Paid - Per request	0.365180 – 1.45	(C)
Person to Person - Per request	0.39 – 3.14	
0+ Mechanized/Calling Card - Per request	0.161114 – 0.75	]
0+ Mechanized/Bill to Third - Per request	0.161185 – 0.75	(C)
Automated Coin Toll Service - Per request	0.010169 – 0.05	]
Intercept - Per line, per month	0.019920 – 0.02	(N) (N)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.8 Directory Assistance and Operator Services (Cont'd)
5.8.8 Rates and Charges (Cont'd)

		Per Request
(B)	Direct Access to Directory Assistance (DADA)	
	DADA, Each search request	$0.0419

(C) Directory Assistance Listings Transfer (DALT)

		Monthly Rates	Nonrecurring Charges	
(1)	Full Initial Extract			
	– Electronic File Transfer		$13,464.00	
	– Other Media		ICB	(D)
(2)	Daily Updates			
	– Electronic File Transfer	$3,637.00		
	– Other Media		ICB	

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.8 Directory Assistance and Operator Services (Cont'd)
5.8.8 Rates and Charges (Cont'd)
(D) Additional Directory Assistance Services

	Rates
ATLAS View of Listing Service	
Per Electronic Listing Retrieval Charge	
- Per transaction	$0.204

(E) Additional Operator Services Features

(1) Real Time Rating

	Incremental Rates*	
Operator-handled (OPH) Sent Paid,		(D)
Calling Card, per work second	$0.000116	
OPH Sent Paid, per request	0.003467	
OPH Calling Card, per request	0.004277	
OPH Collect and Bill to Third Number, per request	0.009784	

(D)

* These rates are incremental to any rate that the TC is currently paying the Telephone Company for Operator Services elements under separate contractual agreement.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.8 Directory Assistance and Operator Services (Cont'd)
5.8.8 Rates and Charges (Cont'd)
(E) Additional Operator Services Features (Cont'd) (T)

		Incremental Rates*
(1)	Real Time Rating (Cont'd)	
	BLV/I, per request	$0.006547
	0+ Mech, Calling Card, per request	0.002302
	0+ Mech, Collect and Bill to Third, per request	0.007054

		Rates	
(2)	Automated Coin Toll Service		
	- Per call	$0.02	(C)

(F) Inward Operator Services (T)
- Per work second 0.018

or for the following types of calls

(1)	BLV		
	- Per request	0.90	(C)
(2)	BLV/I		
	- Per request	1.00	(C)

		Monthly Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	
(G)	TOPS Trunk Ports				(T)
	(Per DS1 Trunk Port)	$25.41			(C)
	- Per TOPS Port				
	Service Order		$ 9.01	$ 13.99	(C)
	Manual Intervention Order		26.56	41.23	(C)
	CO Wiring		29.21	41.78	(C)
	Provisioning		572.02	726.44	(C)

* These rates are incremental to any rate that the TC is currently paying the Telephone Company for Operator Services elements under separate contractual agreement.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.9 Access to Operations Support Systems (OSS)

Notwithstanding any other provisions of this Section 5.9, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

5.9.1 General

The Telephone Company provides access to other TCs to the functionalities of the Telephone Company's Operations Support Systems in connection with the purchase of Unbundled Network Elements. This access supports the pre-ordering, ordering, provisioning, maintenance and repair and billing of the unbundled network elements purchased by TCs.

5.9.2 Application of Rates and Charges

A monthly OSS ongoing cost recovery charge applies to all UNE loops and UNE-P loops. A per record charge applies for each Customer Service Record (CSR) retrieved by the TC.

5.9.3 Rates and Charges

Access to OSS Charge	Monthly Rate	USOC
- Per UNE Loop	$ 0.55	(NOTE)
- Per UNE-P Loop	0.55	(NOTE)
Electronic Customer Service Record Retrieval		
- Per record	0.103	(NOTE)

5.10 911/E911 Services

Notwithstanding any other provisions of this Section 5.10, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

A monthly common access charge to 911/E911 applies, per access line, to UNE-P and UNE Line Ports when the Telephone Company provides the dial tone.

Monthly Rate
$0.022

5.11 Additional Provisions Related to Network Elements

Notwithstanding any other provisions of this Section 5.11, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

5.11.1 Miscellaneous Rates and Charges

(A) The Record Change Charge applies to TC requests for changes in their own customer records, such as the following:

- Change of carrier name;
- Change of carrier location address when the change of address is not a result of a physical relocation of equipment;
- Change in billing data (name, address, contact name or telephone number);
- Change of carrier circuit identification;
- Change of billing account number;
- Similar changes to the carrier's billing and service records;
- Change of Due Date.

(NOTE) USOC to be provided at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.11 Additional Provisions Related to Network Elements (Cont'd)
5.11.1 Miscellaneous Rates and Charges (Cont'd)
(A) (Cont'd)

The Record Change Charge applies on per order, per occurrence basis, for each change requested. The Record Change Charge is set forth in Section 5.11(F)(1) following.

One Record Change Charge applies for each request for such a change. Only one charge will be imposed if multiple record changes (e.g., a TC name change and an address change) are requested at one time.

(B) The Design Change Charge applies to any change to an order for unbundled network elements that requires engineering review. An engineering review is a review, conducted by Telephone Company personnel, of the initial service ordered and the requested change in the order to determine what changes in the design, if any, are necessary. Design Changes include such changes as the addition or deletion of optional features or functions. Design Changes do not include a change in customer premises, or end user premises, or end office switch. For changes of this type and for all changes requested after the order is past the design change work step, issuance of a new order and cancellation of the original order will be required. The Design Change Charge will apply, on a per order, per occurrence basis, for each design change requested. The Design Change charge is set forth in Section 5.11(F)(2) following.

(C) The Data Entry Surcharge applies when a TC requests the Telephone Company to enter certain data that could have been entered by the TC. The charge is computed per 15-minute interval of time required for implementation of the request. The Data Entry Surcharge is set forth in Section 5.11(F)(3) following.

(D) The Duplicate Bill Charge applies to each TC request for a duplicate bill for current and prior months, where available. Duplicate bills are provided, if available, on paper or electronic media. The Duplicate Bill Charge is set forth in Section 5.11(F)(4) following. (C)

(E) The Cancellation Charge applies when the TC cancels an Unbundled Network Element or UNE-Platform order for the installation of an element at any time prior to the service date provided to the TC by the Telephone Company. The cancellation date is the date the Telephone Company receives written or oral notice from the TC that the order is to be cancelled. The oral notice must be followed by written confirmation within 10 days. Cancellation charges apply as follows:

(1) When a TC cancels an Unbundled Network Element, UNE-Platform or Line Sharing arrangement order, or part of an Unbundled Network Element, UNE-Platform or Line Sharing arrangement order, prior to the Scheduled Issue date as defined in (2)(b) following, no charges shall apply.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.11 Additional Provisions Related to Network Elements (Cont'd)
5.11.1 Miscellaneous Rates and Charges (Cont'd)
(E) (Cont'd)

(2) When a TC cancels an Unbundled Network Element, UNE-Platform or Line Sharing arrangement order, or part of an Unbundled Network Element UNE-Platform or Line Sharing arrangement order, on or after the Scheduled Issue Date, a charge equal to the estimated costs incurred by the Telephone Company shall apply. Such charge is determined based on the following:

(a) Certain Telephone Company critical dates are associated with an Unbundled Network Element, UNE-Platform or Line Sharing arrangement provisioning interval, whether Standard or Negotiated. These dates are used by the Telephone Company to monitor the progress of the provisioning progress. At any point in the Unbundling Network Element, UNE-Platform or Line Sharing arrangement interval, the Telephone Company is able to determine which critical date was last passed and can thus determine what percentage of the Telephone Company's provisioning costs have been incurred as the critical date.

(b) The critical dates tracked by the Telephone Company are as follows:

- Scheduled Issued Date (SID) : The date that the order is to be entered in the Telephone Company's order distribution system.

- Wired and Office Tested Date (WOT) : The date by which all intraoffice wiring is to be completed, all plug-ins optioned, aligned, and frame continuity established, and the interoffice facilities, if applicable, tested. In addition, switching equipment, including translation loading, is to be installed and tested.

- Service Date (DD) : The date on which service is to be made available to the TC. This is sometimes referred to as the Due Date.

(c) The percentage of the total provisioning cost incurred by the Telephone Company at a particular critical date varies by the work associated with that critical date as shown in (d) following. The Service Order Charge is incurred at the issuance of the order, which is coincident with the SID date. The Service Connection-Other and Service Connection-Central Office Wiring Charges are incurred at translation, wiring and testing, which are coincident with the WOT date. The Installation Dispatch Charge is associated with the field dispatch of a technician where required, or where requested when not required, which is coincident to the Service Date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.11 Additional Provisions Related to Network Elements (Cont'd)
5.11.1 Miscellaneous Rates and Charges (Cont'd)
(E) (Cont'd)
(2) (Cont'd)

(d) When a TC cancels an unbundled network element, UNE-Platform or Line Sharing arrangement order, or part of an unbundled network element, UNE-Platform or Line Sharing arrangement order, the Telephone Company will apply cancellation charges to the order by multiplying all the nonrecurring charges associated with the order, or that part of the order being cancelled, by the percentage shown following for the critical date last passed on the order, according to the critical date that has passed.

	Last Critical Date Passed as of Cancellation of Order*		
	SID	WOT	DD
Service	100%	100%	100%
Service Connection	0%	100%	100%
Other Service Connection	0%	100%	100%
CO Wiring Installation Dispatch (where applicable)	0%	0%	100%

(3) When a TC cancels an order for the discontinuance of service, no charges apply for the cancellation.

(4) If the Telephone Company misses a service date for a Standard or Negotiated Interval Order by more than 30 days, due to circumstances such as acts of God, governmental requirements, work stoppages, and civil commotions, the TC may cancel the service order without incurring cancellation charges.

* Critical dates refer to 12:01 A.M. on such date, unless a time is otherwise specified in the service request.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.11 Additional Provisions Related to Network Elements (Cont'd)
5.11.1 Miscellaneous Rates and Charges (Cont'd)

(F) Rate Elements - Miscellaneous

		Rates
(1)	Record Change	
	- per change	$ 8.55
(2)	Design Change	
	- per change	6.41
(3)	Data Entry Surcharge	
	- per 15 minute interval	6.41
(4)	Duplicate Bill	
	- per bill	
	- Paper	16.72
	- CD ROM	29.63
	-	
	-	
	-	

(D)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.12 Combination of Unbundled Network Elements – Platform (UNE-P)

Notwithstanding any other provisions of this Section 5.12, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

5.12.1 General

5.12.1.1 Combinations of loops and ports utilized by the Telephone Company to provide local exchange and associated switched exchange access services will be made available as UNE-P combinations under the terms, conditions, rates and charges of this Tariff.

5.12.1.2 Requests for combinations of UNEs not combined in the Telephone Company network will be made available to the extent technically feasible as described in Section 5.15 following.

5.12.1.3 A UNE-P combination, as offered under this Tariff, consists of the combination of the following UNEs.

(A) Unbundled Local Loop (as described in Section 5.5 preceding), which is connected to unbundled local switching.

(B) Unbundled Local Switching (as described in Section 5.6 preceding), which provides access to the following UNEs and services.

- Unbundled Shared Trunk Port and Common (shared) Transport (as described in Section 5.6 preceding)
- Signaling Systems and Call Related Databases (as set forth in Section 5.7 preceding)
- E911
- Directory assistance services and operator services (as described in Section 5.8 preceding)
- Optional Dedicated Trunk Port (as described in Section 5.6 preceding), which provides access to Dedicated Transport (as described in Section 5.3 preceding)

5.12.1.4 There is no collocation requirement to access local loop and local switch port UNE-P combinations.

5.12.1.5 UNE Off-Premises Extension Analog Platform: UNE Off-Premises Extension (OPX) provides a CLEC that is providing local exchange service to an end-user through a UNE-P arrangement, the ability to extend its customer's service to a location other than the one at which the main service is located. It enables the CLEC to provide the end user with the same working telephone number at different locations. UNE OPX is a combination of the following UNE elements:

- Different Premises/Different Building/Same Central Office
  - 2-Wire Analog loop to main location
  - 2-Wire-Analog loop to off premises location
  - Analog Port
- Different Premises/Different Building/Different Central Office
  - 2-Wire Analog loop to main location
  - 2-Wire-Analog loop to off premises location
  - Analog Port
  - Interoffice Facilities (voice grade DS-0 IOF)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)
5.12.1 General
5.12.1.5 (Cont'd)

This service is only offered on an IntraLATA and Intra State basis. Service is provided subject to technical feasibility. Calls cannot be placed between the main line and the extension.

The primary and E911 listing will be for the main location only. Thus, the address information provided on an E911 call at a Public Safety Answering Point (PSAP) for dispatch of emergency service will be the address of the main location, regardless of the location from which the E911 call was made. This may have an impact on emergency response to E911 calls made from the OPX location.

Recurring and nonrecurring charges are listed in Sections 5.12.6.9 and 5.12.6.10 following.

5.12.1.6 In New York City only, a TC may request a field pre-site survey in order to verify the availability of aerial facilities that can be used by the Telephone Company to provision UNE-P service to the CLEC at a curbside location, where the CLEC wishes to utilize such service in order to provide pay telephone service at that location. A nonrecurring charge applies whether or not facilities are available and the Company does not guarantee that facilities will be available at the time of the order. (N)

The Company does not undertake to construct facilities where facilities are not already available.

Nonrecurring charges for the Curbside Pre-Site Survey are listed in Section 5.12.6.2.

5.12.2 Responsibility of the TC

5.12.2.1 Network Design Request
(A) Prior to submitting an initial order for unbundled switching or UNE-P combinations, the TC must complete the NDR process described in Section 5.6.1.1(D)(12) preceding.

5.12.2.2 Mechanized Trouble Reporting
(A) A TC purchasing a UNE-P combination is responsible for testing, trouble isolation, and requesting dispatch of a Telephone Company technician for repair, using the mechanized trouble reporting system provided by the Telephone Company.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)

5.12.3 Availability of UNE-P

5.12.3(A) The provisions set forth in Section 5.12.3(C) following will apply for the term of the Verizon Incentive Plan (VIP) in Case 00-C-1945. The provisions set forth in Section 5.12.3(B) following will apply following the term of the VIP, starting on March 1, 2004. (C)

5.12.3(B)

(1) The Telephone Company will continue to provide UNE-P pursuant to the terms and conditions of the Pre-Filing Statement of Bell Atlantic-New York in Case No. 97-C-0271 dated April 6, 1998.

(2) Except as set forth in Section 5.12.3.3 and 5.12.3.4 following, the Telephone Company will provide UNE-P in all central offices for all classes of customers such that existing and technically feasible new combinations of unbundled links (local loops) and local switching for all of the line port types specified in Section 5.6.1.1(A) preceding will be available. These port types are:

- Analog line port
- Basic Rate ISDN port
- Primary Rate ISDN port
- Integrated Digital Loop Carrier port (TR-08 Interface)
- DS1 DID/DOD/PBX port interface for the termination of digital PBX systems
- Electronic Key telephone port (EKPT)
- Simplified Message Desk Interface (SMDI II) port
- Public Access Line (PAL) port
- Coin port

(3) In the central offices set forth in Appendix B, UNE-P will not be provided in connection with combinations involving the following line port types:

- Primary Rate ISDN port
- DS1 DID/DOD/PBX port interface for the termination of digital PBX systems
- Public Access Line (PAL) ports for use by requesting TCs to serve customers with 4 or more voice grade or DS0 equivalent lines
- Coin ports for use by requesting TCs to serve customers with 4 or more voice grade or DS0 equivalent lines

(4) In the central offices set forth in Appendix C, each of which is located in New York City and has two or more TCs collocated to provide local exchange service through unbundled links ,UNE-P will not be provided for use by requesting TCs to serve business customers with 4 lines or more.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)
5.12.3 Availability of UNE-P (Cont'd)

5.12.3(B) (Cont'd)

(4) (Cont'd)

The following surcharges will be applied to platform-like arrangements as described in this Section 5.12.3(B)(4), that remained in service after September 20, 2004, and that were not replaced with resale arrangements or with alternative service provided pursuant to commercial contracts. (Such (C)
arrangements will be referred to for purposes of this paragraph as "Relevant Arrangements.") These (C)
surcharges will apply in addition to the rates for switching and other platform components that are set forth elsewhere in this Tariff. Any Relevant Arrangements remaining in service as of March 11, 2006 (C)
will be disconnected; provided, however, that the Telephone Company may, in its sole discretion, (N)
elect to leave Relevant Arrangements in service on March 11, 2006. If it does make such an election, it may further elect to discontinue such arrangements, or to convert them to substantially equivalent resale arrangements (priced at the rates set forth in Telephone Company Tariff PSC No. 9), at any later date. Under no circumstances will the Telephone Company be required to make any such election, and it reserves its right to discontinue on March 11, 2006 any Relevant Arrangements remaining in service as of such date. If the Telephone Company elects not to discontinue such arrangements on March 11, 2006, it will provide notice of such election by February 11, 2006 to any TCs that have Relevant Arrangements remaining in service. If the Telephone Company elects to leave Relevant Arrangements in service on March 11, 2006, and if it further elects to discontinue such arrangements or to convert them to resale after March 11, 2006, it will provide thirty days' advance notice of such further election to any TCs with Relevant Arrangements remaining in service. (N)

	Monthly Surcharge
Four Lines Carve Out Surcharge, Per Line	
Density Zone 1A	$23.25
Density Zone 1B	19.64

This provision is without prejudice to any claims that Verizon may make for recovery of these surcharges for the period between September 20, 2004 and the effective date of this tariff.

Certain material formerly on this page now appears on Page 161.2

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)
5.12.3 Availability of UNE-P (Cont'd)

5.12.3(C) (M)

(1) The Telephone Company will continue to provide UNE-P pursuant to the terms and conditions of the Pre-Filing Statement of Bell Atlantic – New York in Case No. 97-C-0271 dated April 6, 1998 and as modified by Commission's February 27, 2002 Order Instituting Verizon Incentive Plan (VIP) in Case 00-C-1945 for the duration of the VIP.

(2) Except as set forth in Sections 5.12.3(C)(3) following, the Telephone Company will provide UNE-P in all central offices for all classes of customers such that existing and technically feasible new combinations of unbundled links (local loops) and local switching for all of the line port types specified in Section 5.6.1.1(A) preceding will be available. These port types are:

- Analog line port - POTS
- Basic Rate ISDN port
- Primary Rate ISDN port
- Integrated Digital Loop Carrier port (TR-08 Interface)
- DS1 DID/DOD/PBX port interface for the termination of digital PBX systems
- Electronic Key telephone port (EKPT)
- Simplified Message Desk Interface (SMDI II) port
- Public Access Line (PAL) port
- Coin port

(3) In the central offices set forth in Appendix B, except for Analog Line Port – POTS and Basic Rate ISDN Port, the Telephone Company reserves the right to offer at other than TELRIC rates the line ports described in Section 5.12.3(C)(2) to a TC serving an end user with 19 or more voice grade or DS0 equivalent lines. (M)

(M) Material shown herein formerly appeared on Page 161.1.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)

5.12.4 Ordering of Service

5.12.4.1 Classification of UNE-P Combinations

(A) Orders for UNE-P combinations will be divided into the following classes.

(1) Migration – 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.

5.12.5 Application of Rates and Charges

5.12.5.1 Monthly rates, usage rates (as incurred) and nonrecurring charges apply to all UNE-P combinations as set forth in Sections 5.5 and 5.6 preceding.

5.12.5.2 Monthly Rates
The tariffed monthly rate for the individual unbundled network elements or services that comprise the requested UNE-P combination apply as set forth in Sections 5.3, 5.5, 5.6 preceding and 5.14 following.

5.12.5.3 Usage Rates
The applicable tariffed usage rate for each unbundled network element included in a UNE-P will apply to the UNE-P combination. Where applicable, the usage rates for Local Switch, Common Transport, Tandem Switching, Operator Services, Directory Assistance and SS7 Signaling as set forth in Sections 5.6.1.7, 5.4.4, 5.8 and 5.7.7(A) respectively, will apply.

5.12.5.4 Nonrecurring Charges
The nonrecurring charges identified herein are applicable to UNE-P and vary according to how the combination is ordered. Other nonrecurring charges are set forth in Section 5.5 preceding.

Service Order applies based on the type of loop ordered (on a standard or an expedited basis, as appropriate).

Service Connection-Other applies based on the type of switch port and type of loop ordered (on a standard basis or an expedited basis, as appropriate) on a per port basis. If a loop and a switch port are ordered in conjunction with transport, then an additional Service Connection-Other charge for the loop will be applied.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)
5.12.5 Application of Rates and Charges (Cont'd)
5.12.5.4 Nonrecurring Charges (Cont'd)

Service Connection-Central Office Wiring applies based on the type of switch port ordered for any orders classified as new (on a standard basis or an expedited basis, as appropriate). UNE-P combinations that utilize analog, coin, public access line or basic rate ISDN switch ports are assessed one service connection-central office wiring charge associated with the line port used. If the combination consists of a loop, a switch port and transport, the service connection-central office wiring charge equal to the sum of the individual service connection-central office wiring charges for the loop and the port will be applied. UNE-P combinations that utilize primary rate ISDN or DS1 trunk ports with line treatment are assessed a service connection-central office wiring charge equal to the sum of the individual service connection-central office wiring charges for the loop and the port, plus installation dispatch-out charges.

The following NRCs also apply as appropriate:

- Manual Intervention Surcharges apply per order, per port when the mechanized interface is not used to place an order (on a standard basis or an expedited basis, as appropriate).
- Installation Dispatch charge applies when a technician must be physically dispatched.
- Trouble – Misdirect charge applies when a technician is dispatched, has full access, and the trouble is not as specified by the TC. (C)
- A Subsequent Feature Change charge will apply when subsequent additions or changes are made to the platform service. This charge is found in Section 5.6.1.7.
- A Channel Activation or Change Subsequent to Port Installation charge will apply when DS0 channels are activated or changed on an existing platform service arrangement. This charge would be incurred when the full complement of channels is not activated with the initial establishment of service, or when changes such as the directionality of a channel are requested. This charge is found in Section 5.6.1.7(B).

The charges are set forth in Section 5.12.6 following.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)

5.12.6 Rates and Charges

		Monthly/Usage Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	USOC	
5.12.6.1	POTS/Coin/PAL Platform (Loop and Port) Migration	UNE Monthly Usage Rates are set forth in 5.6.1.7, 5.2.3 5.5.1 and 5.8 preceding			(NOTE)	
	Service Order - per order		$ 0.97	$ 1.50	NR9KM	
	Service Connection-CO Wire		N/A	N/A		
	Service Connection-Provisioning					
	Initial		1.18	1.66	NR9KK	
	Additional		1.13	1.60	NHCR1	
	Manual Intervention Surcharge - per order		12.00	18.62	NR9KG	
	Installation - Dispatch	N/A	Rates are set forth in 5.5.2 preceding)	Rates are set forth in 5.5.2 preceding	(NOTE)	] (C)]
	TC Not Ready	N/A	Rates are set forth in 5.5.2 preceding	N/A	(NOTE)	
	Trouble-Dispatches-Misdirects Dispatch In (to CO) Dispatch Out (to TC premises)	N/A	Rates are set forth in 5.5.2 preceding	Rates are set forth in 5.5.2 preceding	(NOTE)	

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)
5.12.6 Rates and Charges (Cont'd)

		Monthly/Usage Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	USOC
5.12.6.2	POTS/Coin/PAL Platform (Loop and Port) New	UNE Monthly/Usage Rates are set forth in 5.6.1.7, 5.2.3, 5.5.1 and 5.8 preceding			(NOTE)
	Service Order - per order		$ 0.97	$ 1.50	NR9KM
	Service Connection-CO Wire - per order		0	0	SEPU4
	Service Connection-Other (Provisioning)				
	Initial		9.70	13.59	NR9KL
	Additional		9.49	13.29	NHCR2
	Manual Intervention Surcharge - per order		12.00	18.62	NR9U5
	Installation - Dispatch	N/A	Rates are set forth in 5.5.2 preceding	Rates are set forth in 5.5.2 preceding	(NOTE)
	TC Not Ready	N/A	Rates are set forth in 5.5.2 preceding	N/A	(NOTE)
	Trouble-Dispatches-Misdirects Dispatch In (to CO) Dispatch Out (to TC premises)	N/A	Rates are set forth in 5.5.2 preceding	Rates are set forth in 5.5.2 preceding	(NOTE)

	Time and Materials	
	1st Hour or Fraction Thereof	Each Add'l 30 Min. or Fraction Thereof
Curbside Pre-Site Field Survey	$60.02	$30.01

(N)

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)
5.12.6 Rates and Charges (Cont'd)

		Monthly/Usage Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	USOC	
5.12.6.3	Basic Rate ISDN Platform (Loop and Port) Migration	UNE Monthly/Usage Rates are set forth in 5.6.1.7, 5.2.3 and 5.5.1 preceding			(NOTE)	
	Service Order Per order		$ 0.97	$ 1.50	NR9KD	
	Service Connection- CO Wire - per order		N/A	N/A		
	Service Connection-Other (Provisioning) - Initial - Additional port		1.18 1.13	1.66 1.60	NR9KK NHCR1	
	Manual Intervention Surcharge Per order		12.00	18.62	NR9KG	
	Installation - Dispatch	N/A	Rates are set forth in 5.5.2 preceding	Rates are set forth in 5.5.2 preceding	(NOTE)	] (C)]
	TC Not Ready	N/A	Rates are set forth in 5.5.2 preceding	N/A	(NOTE)	
	Trouble-Dispatches-Misdirects - Dispatch In (to CO) - Dispatch Out (to TC premises)	N/A	Rates are set forth in 5.5.2 preceding	Rates are set forth in 5.5.2 preceding	(NOTE)	] (C)]

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)
5.12.6 Rates and Charges (Cont'd)

		Monthly/Usage Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	USOC	
5.12.6.4	Basic Rate ISDN Platform (Loop and Port) New	UNE Monthly/Usage Rates are set forth in 5.6.1.7, 5.2.3 and 5.5.1 preceding			(NOTE)	
	Service Order Per order		$ 0.97	$ 1.50	NR9KP	
	Service Connection-CO Wire - per order		0	0	SEPU4	
	Service Connection-Other (Provisioning) - 1st port - Additional port		9.70 9.49	13.59 13.29	NR9KL NHCR2	
	Manual Intervention Surcharge Per order		12.00	18.62	NR9U5	
	Installation - Dispatch	N/A	Rates are set forth in 5.5.2 preceding	Rates are set forth in 5.5.2 preceding	(NOTE)	] (C)]
	TC Not Ready	N/A	Rates are set forth in 5.5.2 preceding	N/A	(NOTE)	
	Trouble-Dispatches-Misdirects Dispatch In (to CO) Dispatch Out (to TC premises)	N/A	Rates are set forth in 5.5.2 preceding	Rates are set forth in 5.5.2 preceding	(NOTE)	] (C)]

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)
5.12.6 Rates and Charges (Cont'd)

		Monthly/Usage Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	USOC	
5.12.6.5	DS1 DID/DOD/PBX Platform (Loop and Port) Migration	UNE Monthly/Usage Rates are set forth in 5.6.1.7, 5.2.3 and 5.5.1 preceding				
	Service Order - per order		$ 61.63	$ 95.67	NR93M	
	Service Connection-Other (Provisioning) - per Port		428.11	582.22	NR9MV	
	Manual Intervention Surcharge Per order		12.00	18.62	NR9U5	
	TC Not Ready	N/A	Rates are set forth in 5.5.2 preceding	N/A	(NOTE)	
	Trouble-Dispatches- Misdirects Dispatch In (to CO) Dispatch Out (to TC premises)	N/A	Rates are set forth in 5.5.2 preceding	Rates are set forth in 5.5.2 preceding	(NOTE)	] (C)]

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)
5.12.6 Rates and Charges (Cont'd)

		Monthly/Usage Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	USOC	
5.12.6.6	DS1 DID/DOD/PBX Platform (Loop and Port) New	UNE Monthly/ Usage Rates are set forth in 5.6.1.7, 5.2.3 and 5.5.1 preceding				
	Service Order - per order		$ 61.63	$ 95.67	NR93M	
	Service Connection-Other (Provisioning) - per Port		428.11	582.22	U9P	
	Service Connection - Central Office Wiring - per Port		30.25	43.27	SEPUR	
	Service Connection - Other (Provisioning) Local Loop 1.544 High Capacity Link					
	– Initial		0.13		NR93R	
	– Additional		0.13		NHCKZ	
	Service Connection – Other (Provisioning) Local Loop 1.544 High Capacity Link (Expedited)					
	– Initial			0.19	NR93R	(C)
	– Additional			0.19	NHCKZ	(C)
	Service Connection- Central Office Wiring Local Loop 1.544 High Capacity Link					
	– Initial		40.14		NR93Q	
	– Additional		23.40		NHCKY	

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)
5.12.6 Rates and Charges (Cont'd)

		Monthly/Usage Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	USOC	
5.12.6.6	DS1 DID/DOD/PBX Platform (Loop and Port) New (Cont'd)					
	Service Connection- Central Office Wiring Local Loop 1.544 High Capacity Link (Expedited)					
	– Initial			57.41	NR93Q	(C)
	– Additional			33.48	NHCKY	(C)
	Manual Intervention Surcharge					
	Per order		12.00	18.62	NR9U5	
	Installation Dispatch Out					
	1 Link		147.99	208.44	NR93S	
	Additional Link		78.19	110.13	NR93T	
	TC Not Ready	N/A	Rates are set forth in 5.5.2 preceding	N/A	(NOTE)	
	Trouble-Dispatches-	N/A				
	Misdirects		Rates are set	Rates are set	(NOTE)	⌉
	Dispatch In (to CO)		forth in 5.5.2	forth in 5.5.2		(C)
	Dispatch Out (to TC premises)		preceding	preceding		⌋

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)
5.12.6 Rates and Charges (Cont'd)

		Monthly/Usage Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	USOC	
5.12.6.7	Primary Rate ISDN Platform (Loop and Port) Migration	UNE Monthly/Usage Rates are set forth in 5.6.1.7, 5.2.3 and 5.5.1 preceding				
	Service Order - per order		$ 61.63	$ 95.67	NR93M	
	Service Connection-Other (Provisioning) - per Port		428.11	582.22	NR9MV	
	Manual Intervention Surcharge Per order		12.00	18.62	NR9KG	
	TC Not Ready	N/A	Rates are set forth in 5.5.2 preceding	N/A	(NOTE)	
	Trouble-Dispatches- Misdirects Dispatch In (to CO) Dispatch Out (to TC premises)	N/A	Rates are set forth in 5.5.2 preceding	Rates are set forth in 5.5.2 preceding	(NOTE)	] (C)]

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)
5.12.6 Rates and Charges (Cont'd)

		Monthly/Usage Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	USOC	
5.12.6.8	Primary Rate ISDN Platform (Loop and Port) New	UNE Monthly/Usage Rates are set forth in 5.6.1.7, 5.2.3 and 5.5.1 preceding				
	Service Order - per order		$ 61.63	$ 95.67	NR93M	
	Service Connection-Other (Provisioning) - per Port		428.11	582.22	U9P	
	Service Connection - Central Office Wiring - per Port		30.25	43.27	SEPUR	
	Service Connection –Other (Provisioning) Local Loop 1.544 High Capacity Link					
	– Initial		0.13		NR93R	
	– Additional		0.13		NHCKZ	
	Service Connection - Other (Provisioning) Local Loop 1.544 High Capacity Link (Expedited)					
	– Initial			0.19	EODCK	(C)
	– Additional			0.19	NHCKZ	(C)
	Service Connection- Central Office Wiring Local Loop 1.544 High Capacity Link					
	– Initial		40.14		NR93Q	
	– Additional		23.40		NHCKY	

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)
5.12.6 Rates and Charges (Cont'd)

		Monthly/Usage Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	USOC	
5.12.6.8	Primary Rate ISDN Platform (Loop and Port) New (Cont'd)					
	Service Connection-Central Office Wiring Local Loop 1.544 High Capacity Link (Expedited)					
	– Initial			57.41	EODCJ	(C)
	– Additional			33.48	NHCKY	(C)
	Installation Dispatch Out					
	1 Link		147.99	208.44	NR93S	
	Additional Link		78.19	110.13	NR93T	
	Manual Intervention Surcharge					
	Per order		12.00	18.62	NR9U5	
	TC Not Ready	N/A	Rates are set forth in 5.5.2 preceding	N/A	(NOTE)	
	Trouble-Dispatches-	N/A				
	Misdirects		Rates are set	Rates are set	(NOTE)	⌉
	Dispatch In (to CO)		forth in 5.5.2	forth in 5.5.2		(C)
	Dispatch Out (to TC premises)		preceding	preceding		⌋

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)
5.12.6 Rates and Charges (Cont'd)

		Monthly/Usage Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	USOC	
5.12.6.9	UNE Off Premises Extension Analog Platform (2W Analog (Loop*, Line Port and DS-0 IOF#) Migration	UNE Monthly/ Usage Rates are set forth in 5.6.1.7, 5.5.2 and 5.14.5.8(B)(4)			(NOTE)	]
	Service Order - per order		$ 0.97	$ 1.50	NR9KA	
	Service Connection-CO Wire		N/A	N/A		
	Service Connection-Provisioning					
	-Initial		1.18	1.66	NR9KK	
	-Additional		1.13	1.60	NHCR1	
	Manual Intervention Surcharge - per order		12.00	18.62	NR9KG	(N)
	Installation - Dispatch	N/A	Rates are set forth in 5.5.2 preceding	Rates are set forth in 5.5.2 preceding	(NOTE)	
	TC Not Ready	N/A	Rates are set forth in 5.5.2 preceding	N/A	(NOTE)	
	Trouble-Dispatches-Misdirects Dispatch In (to CO) Dispatch Out (to TC premises)	N/A	Rates are set forth in 5.5.2 preceding	Rates are set forth in 5.5.2 preceding	(NOTE)	

* Two analog loops are required, one for the main location and one for the off premises extension location.
\# Voice grade DS-0 IOF recurring monthly charges, as set forth in Section 5.14.5.8(B)(4), apply when the main and OPX locations are served by two different central offices.
(NOTE) USOC to be supplied at a later date.]

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.12 Combination of Unbundled Network Elements – Platform (UNE-P) (Cont'd)
5.12.6 Rates and Charges (Cont'd)

		Monthly/Usage Rates	Nonrecurring Charges	Expedited Nonrecurring Charges	USOC	
5.12.6.10	UNE Off Premises Extension Analog Platform (2W Analog (Loop*, Line Port and DS-0 IOF#) New	UNE Monthly/ Usage Rates are set forth in 5.6.1.7, 5.5.2 and 5.14.5.8(B)(4)			(NOTE)	]
	Service Order - per order		$ 0.97	$ 1.50	NR9KM	
	Service Connection- CO Wire - per line					
	Main Location - Initial		0	0	SEPU4	
	Main Location -Additional		0	0	NHCR3	
	OPX Location -Initial		0	0	NHCOP	
	OPX Location -Additional		0	0	NHCOV	
	Service Connection-Other (Provisioning)					
	Main Location -Initial		9.70	13.59	NR9KL	
	Main Location -Additional		9.49	13.29	NHCR2	(N)
	OPX Location -Initial		9.70	13.59	NRCOQ	
	OPX Location -Additional		9.49	13.29	NHCOU	
	Manual Intervention Surcharge - per order		12.00	18.62	NR9U5	
	Installation - Dispatch	N/A	Rates are set forth in 5.5.2 preceding	Rates are set forth in 5.5.2 preceding	(NOTE)	
	TC Not Ready	N/A	Rates are set forth in 5.5.2 preceding	N/A	(NOTE)	
	Trouble-Dispatches- Misdirects Dispatch In (to CO) Dispatch Out (to TC premises)	N/A	Rates are set forth in 5.5.2 preceding	N/A	(NOTE)	
	Voice Grade DS-0 IOF #		Rates are set forth in 5.14.5.8(B)	Rates are set forth in 5.14.5.8(B)		

* Two analog loops are required, one for the main location and one for the off premises extension location.
\# Voice grade DS-0 IOF recurring and nonrecurring monthly charges, as set forth in Section 5.14.5.8(B), apply when the main and OPX locations are served by two different central offices.
(NOTE) USOC to be supplied at a later date.]

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.13 Combination of Unbundled Network Elements-Trunk Port

Notwithstanding any other provisions of this Section 5.13, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

5.13.1 Description

The Telephone Company will perform the necessary functions to combine specific unbundled network elements for providing Extended Dedicated Trunk Port service.

The Extended Dedicated Trunk Port offers the TC the ability to custom route the TC's subscribers' traffic from a Telephone Company Unbundled Local Switch through an Extended Dedicated Trunk Port arrangement to another switch location in the same LATA. This arrangement can be used by a TC to access its own operator and directory assistance services. The combination arrangements with Extended Dedicated Trunk Port are offered to both those TCs that have a Collocation arrangement and those that do not have a Collocation arrangement.

5.13.2 Regulations

In addition to the existing regulations for the Unbundled Dedicated Trunk Port as specified in Sections 5.6.1.2, 5.4.3 and 5.8 preceding, the following regulations will apply for these combinations:

5.13.2.1 Installation Intervals as set forth in Section 5.3.4 preceding, will apply to these arrangements.

5.13.2.2 When a TC requests to change from one of the Extended Dedicated Trunk Port arrangements to another, the change will be considered a Disconnect and a new Connect of service.

5.13.2.3 When a TC requests to convert Switched Access Service as set forth in the PSC NY No. 11—COMMUNICATIONS Tariff, to one of the Extended Dedicated Trunk Port arrangements, the change will only be permitted where Access Service is currently used to provide Local Exchange service. This change will be considered a Disconnect and a new Connect of Service.

5.13.2.4 The TC must submit an accurate, timely and complete order request.

5.13.2.5 In the event that the TC requests an expedited provisioning and/or that manual intervention is required, the appropriate Expedite and/or Manual Intervention surcharges as set forth in this section will be applicable as per the terms in Sections 5.1.4 and 5.1.2 respectively. A combination of network elements may be ordered on an expedited basis only if each of the separate elements ordered has a tariffed Expedite nonrecurring charge.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.13 Combination of Unbundled Network Elements-Trunk Port

5.13.3 Types of Extended Dedicated Trunk Port Arrangements
TCs who do not have a Collocation arrangement may also access one or more of the following Extended Dedicated Trunk Port arrangements from an Unbundled Local Switch:

5.13.3.1 Extended Dedicated Trunk Port : From a Telephone Company End Office to a TC switch location or a Collocation arrangement at a DS1 termination
End Office Dedicated Trunk Port as described in 5.6.1.7 preceding
DS1 Dedicated IOF Transport as described in 5.3.4 preceding

5.13.3.2 Extended Dedicated Trunk Port: From a Telephone Company End Office to a TC switch location or a Collocation arrangement at a DS3 termination (DS3 to DS1 Multiplexer is in the same Telephone Company Central Office as the End Office Dedicated Trunk Port)
End Office Dedicated Trunk Port as described in 5.6.1.7 preceding
DS3 to DS1 Multiplexer as described in 5.3.4 preceding
DS3 Dedicated IOF Transport as described in 5.3.4 preceding

5.13.3.3 Extended Dedicated Trunk Port: From a Telephone Company End Office to a TC switch location or a Collocation arrangement at a DS3 termination (DS3 to DS1 Multiplexer is at a different Telephone Company Central Office than the End Office Dedicated Trunk Port)
End Office Dedicated Trunk Port as described in 5.6.1.7 preceding
DS1 Dedicated IOF Transport as described in 5.3.4 preceding
DS3 to DS1 Multiplexer as described in 5.3.4 preceding
DS3 Dedicated IOF Transport as described in 5.3.4 preceding if applicable

5.13.3.4 Extended Dedicated Trunk Port: From a Telephone Company End Office to another Telephone Company End Office
End Office Dedicated Trunk Port as described in 5.6.1.7 preceding
DS1 Dedicated IOF Transport as described in 5.3.4 preceding
End Office Dedicated Trunk Port as described in 5.6.1.7 preceding

5.13.3.5 Extended Dedicated Trunk Port: From a Telephone Company End Office to a Telephone Company TOPS location
End Office Dedicated Trunk Port as described in 5.6.1.7 preceding
DS1 Dedicated IOF Transport as described in 5.3.4 preceding
TOPS Dedicated Trunk Port as described in 5.8.8 preceding

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.13 Combination of Unbundled Network Elements-Trunk Port (Cont'd)
5.13.3 Types of Extended Dedicated Trunk Port Arrangements (Cont'd)

5.13.3.6 Extended Dedicated Trunk Port : From a Telephone Company End Office to a Telephone Company Tandem Location
End Office Dedicated Trunk Port as described in 5.6.1.7 preceding
DS1 Dedicated IOF Transport as described in 5.3.4 preceding
Tandem Dedicated Trunk Port as described in 5.4.1 preceding

5.13.4 Application of Rates and Charges

5.13.4.1 General
Monthly rates, Fees and/or nonrecurring charges apply to the purchase of unbundled network elements in combination.

(A) Monthly Rates
The applicable tariffed monthly rate for each separate network element will apply to unbundled network elements purchased in combination.

The monthly rates for the End Office Dedicated Trunk Port, the Dedicated IOF Transport, the DS3 to DS1 Multiplexing arrangement, the Tandem Dedicated Trunk Port, the TOPS Dedicated Trunk Port as described in 5.6.1.7, 5.3.4, 5.4.1, and 5.8.8 respectively, will apply to these combinations.

(B) Nonrecurring charges
When two or more unbundled network elements are ordered in combination at the same time in the same central office, only one nonrecurring service order charge will apply, which shall equal the highest prevailing tariffed service order charge for the separate purchase of the individual elements being ordered.

The other nonrecurring charges for any combination of elements will equal the sum of the tariffed nonrecurring charges applicable to the individual unbundled network elements being purchased.

The charges for Unbundled End Office Trunk Port, the Dedicated IOF Transport, the DS3 to DS1 Multiplexing arrangement, the Tandem Dedicated Trunk Port, and the TOPS Dedicated Trunk Port as described in 5.6.1.7, 5.3.4, 5.4.4 and 5.8.8 respectively, will apply.

(C) (Reserved for future use)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.13 Combination of Unbundled Network Elements-Trunk Port (Cont'd)
5.13.4 Application of Rates and Charges (Cont'd)
5.13.4.1 General (Cont'd)

(D) Miscellaneous Charges
Miscellaneous changes, such as the Record Change Charge, Design Change Charge and Cancellation Charges, as set forth in Section 5.11(E) preceding, will apply if applicable, to all requests for combinations of unbundled network elements.

5.13.5 Rates and Charges

		Monthly Rates	Nonrecurring Charges
5.13.5.1	Extended Dedicated Trunk Port (from Tel Co EO to TC switch and or Collo. arrangement at DS1 term)	Rates and Charges are set forth in 5.3.4 and 5.6.1.7 preceding	
5.13.5.2	Extended Dedicated Trunk Port (from Tel Co EO to TC switch or Collo. arrangement at DS3 term) (DS3 to DS1 Mux) is same Tel Co CO as EO Ded. Tk Port)	Rates and Charges are set forth in 5.6.1.7 and 5.3.4 preceding	
5.13.5.3	Extended Dedicated Trunk Port (from Tel Co EO to TC switch or Collo. arrangement at DS3 term) (DS 3 - DS1 Mux is diff. Tel Co EO CO from Ded. Tk Port)	Rates and Charges are set forth in 5.6.1.7 and 5.3.4 preceding	
5.13.5.4	Extended Dedicated Trunk Port (from Tel Co EO to another Tel Co EO)	Rates and Charges are set forth in 5.3.4 and 5.6.1.7 preceding	
5.13.5.5	Extended Dedicated Trunk Port (from Tel Co EO to Tel Co TOPS)	Rates and Charges are set forth in 5.3.4, 5.6.1.7 and 5.8.8 preceding	
5.13.5.6	Extended Dedicated Trunk Port (from Tel Co EO to Tel Co Tandem)	Rates and Charges are set forth in 5.3.4, 5.4.4 and 5.6.1.7 preceding	
5.13.5.7	Interconnection Charges	Rates are set forth in PSC NY No. 8--COMMUNICATIONS Tariff.	

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.14 Combination of Unbundled Network Elements - Links

Notwithstanding any other provisions of this Section 5.14, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

5.14.1 Description

The Telephone Company will perform the necessary functions to combine Link and Transport Unbundled Network Elements to provide Expanded Extended Link ("EEL") Service.

EEL 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 a TC's premises as described in Section 5.14.2.12 following. The Telephone Company will also provide unbundled transport between the concentration facilities included in the EEL arrangements and the TC Collocation arrangement or premises.

5.14.2 Regulations

In addition to the existing regulations for the Links and Interoffice facilities as specified in Sections 5.5.1.1 and 5.3.4 preceding, the following regulations will apply for this service:

5.14.2.1 The TC is responsible for initiating and isolating all end user trouble reports and isolating the trouble to the Telephone Company network.

5.14.2.2 Until procedures and technical arrangements are available that will permit testing and sectionalizing of reporting troubles, the Telephone Company is responsible for the testing and sectionalizing of all TC reported troubles. The trouble reporting procedure must conform to the established mechanized process. However, the TC is responsible for testing and sectionalizing Trouble reports for EEL arrangements with concentration as set forth in Section 5.14.2.19(B) following.

5.14.2.3 All of the EEL arrangements will be subject to the POTS, 2-Wire Analog Link or 2-Wire Digital Link maintenance service standards. At the option of the TC, maintenance service will be available for DS1 and DS3 Links in parity with Telephone Company provided access services.

5.14.2.4 If the TC is not ready or the Telephone Company technician cannot gain access to the premises, the TC Not Ready Charge applies as set forth in Section 5.5.2 preceding.

5.14.2.5 Installation Intervals as set forth in Sections 5.3.3.5 and 5.5.3 preceding, apply to these arrangements for the respective parts of EEL. EEL arrangements with Concentration as described in Section 5.14.2.19 following will be subject to the installation intervals set forth in PSC NY No. 8—COMMUNICATIONS Tariff.

5.14.2.6 When a TC requests to change from one EEL arrangement to another, the change will be considered a Disconnect and a new Connect of service.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.14 Combination of Unbundled Network Elements - Links (Cont'd)
5.14.2 Regulations (Cont'd)

5.14.2.7 The TC 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 link. The TC must maintain an inventory of its CFA assignments for maintenance purposes.

5.14.2.8 Prior to an initial request, the TC must indicate that it is certified as a Local Exchange Carrier and has its own local exchange tariff.

5.14.2.9 EEL Links may only be connected to Transport, multiplexing or Concentration that originates from a Collocation arrangement or a TC location within the same LATA. An EEL arrangement may not cross LATA boundaries.

5.14.2.10 To facilitate adequate infrastructure planning to meet customer service requirements within standard intervals, TCs are requested to provide the Telephone Company 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. Upon receipt of a valid forecast, the TC may update this document once every month.

5.14.2.11 Except as specified in Section 5.14.2.12 following, 2-Wire Analog, 2-Wire Digital, 4-Wire Analog and 4-Wire Digital (56 KD) Links when combined by the Telephone Company with transport facilities into an EEL arrangement will not be subject to any use restrictions.

5.14.2.12 Primary Local Standard

(A) All channels on DS-1 and above links, when combined by the Telephone Company with interoffice transport into an EEL arrangement, must be connected to a TC switch that provides local exchange service (POTS).

(B) In addition, EEL arrangements with DS-1 level and above links must be used to transmit primarily local exchange traffic. The "primarily local" standard will consist of a channel count test at the transport and loop level. Specifically, both the transport and loop components of the arrangement will qualify for EEL rates when some local traffic is carried on 50% or more of the DS1-level and above loop channels that are connected to a transport facility, to the extent that each of the loops serves customers whose local needs are being satisfied by the EEL arrangement.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.14 Combination of Unbundled Network Elements - Links (Cont'd)
5.14.2 Regulations (Cont'd)
5.14.2.12 Primary Local Standard (Cont'd)

(C) If the "primarily local" test, as set forth above, is not met, and the arrangement therefore does not qualify as an EEL, then a DS-1 level or above loop that is included in the arrangement will qualify for UNE loop rates only if some local traffic is carried on 50% or more of the channels in that loop. In such cases, the transport portion of the arrangement will be treated as an access facility pursuant to intrastate private line or interstate special access tariffs, as appropriate.

(D) Verizon reserves its objections to this test and its right to seek prospective modification of the test at some point in the future.

5.14.2.13 Certification

(A) For each order that it places for an EEL arrangement, the TC will certify that the arrangement satisfies Section 5.14.2.12(A), preceding, and that it will be used to transmit primarily local exchange traffic under the standard set forth in Section 5.14.2.12(B), preceding.

(B) If the arrangement will not satisfy Section 5.14.2.12(B), preceding, but will satisfy Section 5.14.2.12(A) and (C) preceding, so that some or all of the loops in the arrangement would qualify for UNE loop rates, then the TC will so certify.

5.14.2.14 The TC must also provide semi-annual written certification that the arrangement continues to meet the standards set forth in Section 5.14.2.13(A), preceding, or Section 5.14.2.13(B), preceding, as applicable.

5.14.2.15 The Telephone Company has the right to audit to confirm the TC's compliance with the local usage requirements in Section 5.14.2.12. The Telephone Company will hire and pay for an independent auditor to perform the audit, and the TC will reimburse the Telephone Company if the audit uncovers noncompliance with the local usage options. The Telephone Company will provide at least 30 days' written notice to a TC that has purchased a combination of unbundled loop and transport elements that it will conduct an audit. The Telephone Company will not conduct more than one audit of the TC in any calendar year unless the audit finds noncompliance. If the Telephone Company determines that an audit is warranted, the TC 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.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.14 Combination of Unbundled Network Elements - Links (Cont'd)
5.14.2 Regulations (Cont'd)

5.14.2.16 The TC must submit an accurate, timely and complete order request via electronic interface.

5.14.2.17 In the event that the TC requests expedited provisioning and/or that manual intervention is required, the appropriate Expedite and/or Manual Intervention surcharge as set forth in this section will be applicable as per the terms in Sections 5.1.4 and 5.1.2 respectively. An EEL arrangement may be ordered on an expedited basis only if each of the separate elements ordered has a tariffed Expedite nonrecurring charge. (C)

5.14.2.18 (Reserved for future use)

5.14.2.19 Concentration will be utilized with certain types of EEL arrangements as described in Section 5.14.3.2 and 5.14.3.4 following.

Concentration, as it applies to the EEL arrangements with concentration, described in this Section 5.14.2.19, has the ability to assign a greater number of 2-Wire Analog or 2-Wire Digital channels to a DS1 facility than can be achieved with standard Unbundled DS1 to DS0 multiplexing as described in Section 5.3.4 preceding. For example, Unbundled DS1 to DS0 multiplexers permit up to 24 2-Wire Analog channels to be assigned to a single DS1. Concentration permits a variable number of 2-Wire Analog or 2 Wire Digital channels to be assigned to a DS1 (e.g., 6:1 concentration allows up to 144 2-Wire Analog channels per DS1).

Concentration will be subject to the following conditions:

(A) For Concentration arrangements established prior to March 15, 2000, dedicated terminal equipment inside the Telephone Company's central office will be provided by the TC and ownership transferred to the Telephone Company for the sum of one dollar ($1.00). The Telephone Company will own and operate this equipment inside the central office. The TC will be responsible for all installation and surveillance of the concentration facilities. On March 15, 2000, Telephone Company ownership of the dedicated terminal equipment provided by the TC will be converted to an operating lease.

For Concentration arrangements in effect or established after March 15, 2000, the dedicated terminal equipment inside the Telephone Company's central office will be provided by the TC and leased to the Telephone Company for the sum of one dollar ($1.00). The term of the operating lease will run for the duration of the Concentration arrangement, at which time the TC will remove the equipment. The TC will retain ownership of this equipment. The Telephone Company will exercise exclusive physical control over this equipment.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.14 Combination of Unbundled Network Elements - Links (Cont'd)
5.14.2 Regulations (Cont'd)
5.14.2.19 (Cont'd)

(B) The Telephone Company is not responsible for any blocking to a TC end user as a result of the concentration level chosen by the TC. Trouble reports associated with end user blocking due to the TC's concentration ratio will be subject to a Trouble Dispatches - Misdirects charge as set forth in 5.5.2.1 preceding.

(C) TC's 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 or test heads.

(D) Concentration arrangements may only be used for 2-Wire Analog Links and/or 2-Wire Digital Links.

(E) The 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 Bellcore Network Equipment Building System ("NEBS") Generic Equipment Requirements (documented in GR-000063-CORE). It is the TC's responsibility to demonstrate and provide to the Telephone Company adequate documentation from an accredited source certifying compliance.

(F) The Concentration equipment must be dedicated to one TC.

(G) The TC is responsible for compatibility between the Concentration facilities and the remote TC switch.

(H) The Telephone Company will allow GR-303 technology in the Telephone Company's central office to access Unbundled Links. This GR-303 compliant equipment will allow variable rates of concentration of Unbundled Links onto the associated DS1 transport.

(I) There may be a distance limitation between the different components of the Concentration equipment provided by the TC. As a result of this distance limitation, the TC may be required to purchase additional common control equipment from their vendor to support the additional capacity requirements beyond the initial deployment.

(J) The rates and charges which include the multiplexing rate for Concentration are set forth in 5.14.5.16 following.

5.14.2.20 EEL Transport, as it applies to the 2-Wire Analog, 4-Wire Analog, 2-Wire Digital or 4-Wire Digital (56 KD) EEL arrangements with EEL Transport, connects an EEL loop facility to the Telephone Company's central office in which the EEL will be delivered to the TC.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.14 Combination of Unbundled Network Elements - Links (Cont'd)

5.14.3 Types of Expanded Extended Link Service

TCs have the option to choose one or more of the following EEL arrangements:

5.14.3.1 Expanded Extended Link-DS1 / 2 or 4 Wire Analog, 2-Wire Digital, 4-Wire Digital (56 KD)
DS1 Interoffice Transport as described in 5.3.4 preceding (C)
DS1 to DS0 multiplexing as described in 5.3.4 preceding
2/4-Wire Analog Link as described in 5.5.1.1(A) and (C) preceding
2-Wire Digital Link as described in 5.5.1.1(A)(1)(c) preceding, or
4-Wire Digital (56 KD) Link as described in 5.5.1.1(C)(1)(d) preceding

5.14.3.2 Expanded Extended Link-DS1 / 2 Wire Analog, 2-Wire Digital with Concentration
DS1 Interoffice Transport as described in 5.3.4 preceding (C)
DS1 to DS0 multiplexing arrangement with Concentration as described in 5.14.2.19 preceding
2-Wire Analog Link as described in 5.5.1.1(A)(1)(b) preceding, or
2-Wire Digital Link as described in 5.5.1(A)(1)(c) preceding

5.14.3.3 Expanded Extended Link-DS3/DS1/2 or 4 Wire Analog, 2-Wire Digital and 4-Wire Digital (56 KD)
DS3 Interoffice Transport as described in 5.3.4 preceding (C)
DS3 to DS1 multiplexing as described in 5.3.4 preceding
DS1 Interoffice Transport as described in 5.3.4 preceding (C)
DS1 to DS0 multiplexing as described in 5.3.4 preceding
2/4-Wire Analog Link as described in 5.5.1.1(A) and (C) preceding
2-Wire Digital Link as described in 5.5.1.1(A)(1)(c) preceding, or
4-Wire Digital (56 KD) Link as described in 5.5.1.1(C)(1)(d) preceding

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.14 Combination of Unbundled Network Elements - Links (Cont'd)
5.14.3 Types of Expanded Extended Link Service (Cont'd)

5.14.3.4 Expanded Extended Link-DS3/DS1/2 Wire Analog with Concentration

DS3 Interoffice Transport as described in 5.3.4 preceding (C)
DS3 to DS1 multiplexing arrangement as described in 5.3.4 preceding
DS1 Interoffice Transport as described in 5.3.4 preceding, or (C)
DS1 to DS0 multiplexing arrangement with Concentration as described in 5.14.2.19 preceding
2-Wire Analog Link as described in 5.5.1.1(A) preceding

5.14.3.5 Expanded Extended Link-DS3/DS1
DS3 Interoffice Transport as described in 5.3.4 preceding (C)
DS3 to DS1 multiplexing as described in 5.3.4 preceding, or
1.5 Mbps High Capacity Links as described in 5.5.1.1(B)(2)(a) preceding

5.14.3.6 Expanded Extended Link-DS1
DS1 Interoffice Transport as described in 5.3.4 preceding, or (C)
1.5 Mbps High Capacity Links as described in 5.5.1.1(B)(2)(a) preceding

5.14.3.7 Expanded Extended Link-DS3
DS3 Interoffice Transport as described in 5.3.4 preceding, or (C)
45 Mbps High Capacity Links as described in 5.5.1.1(B)(2)(b) preceding

5.14.3.8 Expanded Extended 2-Wire Analog Link
2-Wire Analog EEL Transport as described in 5.14.2.20 preceding, or
2-Wire Analog Link as described in 5.5.1.1(A) preceding

5.14.3.9 Expanded Extended 4-Wire Analog Link
4-Wire Analog EEL Transport as described in 5.14.2.20 preceding, or
4-Wire Analog Link as described in 5.5.1.1(C) preceding

5.14.3.10 Expanded Extended 2-Wire Digital Link
2-Wire Digital EEL Transport as described in 5.14.2.20 preceding, or
2-Wire Digital Link as described in 5.5.1.1(A)(1)(c) preceding

5.14.3.11 Expanded Extended 4-Wire Digital (56 KD) Link
4-Wire Digital (56 KD) EEL Transport as described in 5.14.2.20 preceding, or
4-Wire Digital (56 KD) Link as described in 5.5.1.1(C)(1)(d) preceding

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.14 Combination of Unbundled Network Elements - Links (Cont'd)

5.14.4 Application of Rates and Charges

5.14.4.1 General

Monthly rates, surcharges and/or nonrecurring charges apply to the purchase of EEL arrangements.

(A) Monthly Rates
The applicable tariffed monthly rate for each separate network element involved will apply to EEL arrangements. The monthly rates for Unbundled Interoffice Dedicated Facilities, Unbundled Multiplexing, as set forth in Section 5.3.4 preceding and the monthly rates for the Links as set forth in Section 5.5.2 preceding, apply to Expanded Extended Link service.

The Monthly rates for Concentration apply as follows:

(1) The Concentration Access Charge (CAC) rate as set forth in Section 5.14.5.16(D) following, applies for the ongoing support of the cable terminations on the Telephone Company's racks. It is assessed upon installation of the terminations and associated cabling.

(2) The DC Power rate as set forth in Section 5.14.5.16(E) following, applies for the provision of -48V DC protected power required by the TC's equipment. It is assessed per total number of load amps requested. (C) (C)

(3) The HVAC rate as set forth in Section 5.14.5.16(F) following, applies for the provision of the HVAC. The rate is assessed per 10 load amps of power requested. (C)

(4) The Land and Buildings rate as set forth in Section 5.14.5.16(G) following, provides for floor space needed to support equipment, racking and/or spare cabinets. It is assessed per 1/4 rack or fraction thereof. The cabinet should be provided by the TC per the Telephone Company's specification. The amount of spare plug-ins/cards required will be based on the manufacturer's recommended amount, unless otherwise mutually agreed by the Telephone Company and the TC.

(5) A Relay Rack rate as set forth in Section 5.14.5.16(H) following, applies for the support of the Concentration equipment. It is assessed per 1/4 rack or fraction thereof.

5. Unbundled Network Elements (Cont'd)
5.14 Combination of Unbundled Network Elements - Links (Cont'd)
5.14.4 Application of Rates and Charges (Cont'd)
5.14.4.1 General (Cont'd)

(B) EEL Test Charge (C)

The EEL Test Charge is monthly rate designed to recover the cost associated with (a) testing (in the case of 2 or 4-Wire Analog, 2-Wire Digital, 4-Wire Digital (56 KD) and DS1 EEL), and (b) in the case of DS1 and DS3 EEL, the network investment necessary to connect the network elements associated with EEL and/or to provide test access to EEL. 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. The EEL Test Charge for 2 or 4-Wire Analog, 2-Wire Digital, 4-Wire Digital (56 KD), DS1 and DS3 service are set forth in Section 5.14.5 following. When this Tariff is modified to provide for testing and sectionalization by TCs of reported troubles for EEL arrangements, this charge will be appropriately adjusted. The EEL Test Charge does not apply to the EEL arrangements with Concentration. (C) (C) (C)

(C) EEL Maintenance Charge

The EEL Maintenance Charge, as set forth in Section 5.14.5.15 following, is a monthly rate designed to recover the cost associated with providing maintenance service to DS1 and DS3 Links in parity with Telephone Company provided access services. The rate applies if a TC elects to have such standards apply pursuant to Section 5.14.2.3 preceding.

(D) Nonrecurring charges

When all components of EEL arrangements are ordered at the same time, only one nonrecurring service order charge will apply for each EEL arrangement, which shall equal the highest prevailing tariffed service order charge for the separate purchase of the individual elements involved in the EEL arrangement.

The other nonrecurring charges 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.

The nonrecurring charges for Unbundled Interoffice Dedicated Facilities as set forth in Section 5.3.4 preceding, and the charges for the Links are set forth in Section 5.5.2 preceding.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.14 Combination of Unbundled Network Elements - Links (Cont'd)
5.14.4 Application of Rates and Charges (Cont'd)
5.14.4.1 General (Cont'd)
(D) Nonrecurring charges (Cont'd)

The nonrecurring charges for Concentration apply as follows:

(1) A Service Charge, as set forth in Section 5.14.5.16(A) following, is required to be submitted by the TC with its application. This charge applies for all new Concentration arrangements as well as subsequent additions to an existing arrangement, and provides for application processing, and for the Telephone Company's performance of an initial site visit and an engineering evaluation. The fee applies per request, per central office where the TC requests an arrangement. If a TC cancels its request prior to installation, any unused portion of the application fee will be refunded.

(2) An Engineering and Implementation Fee, as set forth in Section 5.14.5.16(B) following, will apply upon completion of site implementation. These fees recover the expenses associated with the planning, Telephone Company engineering, and project management of the Concentration arrangement, as well as the engineering project management functions performed during the installation of the Concentration equipment. If the concentration equipment is non-standard, the fee will be quoted for the TC-specified equipment on a case-by-case basis.

- Cabling Plus Equipment: Applies for all request for Concentration equipment installations and associated cabling.

- Cabling Only: Applies for subsequent requests for additional cabling.

(3) The Concentration Access Charge (CAC) as set forth in Section 5.14.5.16(D) following, provides for the cost of engineering, furnishing, and installing the cabling between the collocated equipment and the Telephone Company's distribution/cross connect frames. This charge will be applied at the time of equipment installation. This charge only applies when the Telephone Company installs the cabling and equipment. If a non-standard arrangement requires special cabling or equipment, this charge will be determined on a case-by-case basis.

(4) All other vendor costs associated with Concentration equipment installation will be passed on to the TC on a dollar-for-dollar basis ("vendor pass through") as set forth in Section 5.14.5.16(C) following.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.14 Combination of Unbundled Network Elements - Links (Cont'd)
5.14.4 Application of Rates and Charges (Cont'd)
5.14.4.1 General (Cont'd)

(E) Other Charges

The following are other miscellaneous charges that will be applied to Concentration on a per occurrence basis.

(1) Training Charges as set forth in Section 5.14.5.16(I)(1) following, will be assessed for training the Telephone Company's technicians to service TC specified equipment not used by the Telephone Company in the specified central office. Charges will cover all costs incurred by the Telephone Company and the technicians.

(2) Maintenance activity (trouble in the equipment) is to be tested, isolated and evaluated by the TC. Telephone Company technicians will perform the instructed activities on the equipment as specifically directed by the TC. The technician's time spent servicing the Concentration arrangement at the TC's direction will be billed to the TC per occurrence as set forth in Section 5.14.5.16(I)(2) following.

(3) Whenever work is performed on a Concentration arrangement that is not a part of implementing or provisioning a standard arrangement, the Equipment Service Charge will apply as specified in Section 5.14.5.16(C) following. Examples where the Equipment Service Charge will apply include, but are not limited to, additional testing or turn-up requirements, software upgrades and inspector services.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.14 Combination of Unbundled Network Elements - Links (Cont'd)

5.14.5 Rates and Charges

		Monthly Rates	Nonrecurring Charges	
5.14.5.1	Expanded Extended Link (DS1/2/4 Wire Analog, 2-Wire Digital, 4-Wire Digital (56 KD))	Rates and Charges are set forth in 5.3.4 and 5.5.2 preceding		
5.14.5.2	Expanded Extended Link (DS1/2-Wire Analog/2-Wire Digital with Concentration)	Rates and Charges are set forth in 5.3.4 and 5.5.2 preceding and 5.14.5.16 following		
5.14.5.3	Expanded Extended Link (DS3/DS1/2/4-Wire Analog, 2-Wire Digital, 4 Wire Digital (56 KD))	Rates and Charges are set forth in 5.3.4 and 5.5.2 preceding		
5.14.5.4	Expanded Extended Link (DS3/DS1/2-Wire Analog with Concentration)	Rates and Charges are set forth in 5.3.4, 5.5.2 and 5.14.5.16 following		
5.14.5.5	Expanded Extended Link (DS3/DS1)	Rates and Charges are set forth in 5.3.4 and 5.5.2 preceding		
5.14.5.6	Expanded Extended Link (DS1)	Rates and Charges are set forth in 5.5.2 preceding		
5.14.5.7	Expanded Extended Link (DS3)	Rates and Charges are set forth in 5.5.2 preceding		
5.14.5.8	Expanded Extended Link (2-Wire Analog Link, 4-Wire Analog, 2-Wire Digital, 4-Wire Digital 56kd)	Rates and Charges are set forth in 5.5.2 preceding		(C) (C) (C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.14 Combination of Unbundled Network Elements - Links (Cont'd)
5.14.5 Rates and Charges (Cont'd)
5.14.5.8 Expanded Extended Link
(2-Wire Analog, 4-Wire Analog, 2-Wire Digital, 4-Wire 56 kd) (Cont'd)

		Nonrecurring Charges	Expedited Nonrecurring Charges
(B)	2-Wire Analog, 4-Wire Analog, 2-Wire Digital, 4-Wire Digital 56kd EEL Transport		
(1)	Service Order		
	- Per Order	$61.63	$95.67
(2)	Provisioning		
	- Per Facility	100.82	149.27
(3)	CO Wiring		
	- Per Facility	33.45	47.85
		Monthly Rates	
(4)	Inter-Office Transport Mileage		
	- Fixed	$28.08	
	- Per Mile	0.09	

NETWORK ELEMENTS

(D)

(D)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.14 Combination of Unbundled Network Elements - Links (Cont'd)
5.14.5 Rates and Charges (Cont'd)

		Monthly Rates	
5.14.5.9	DS0 Test Charge		(T)
	- 2-Wire Analog Density Zone 1a	0.34	
	- 2-Wire Analog Density Zone 1b	0.43	
	- 2-Wire Analog Density Zone 2	0.58	
	- 2-Wire Digital Density Zone 1a	0.53	
	- 2-Wire Digital Density Zone 1b	0.66	
	- 2-Wire Digital Density Zone 2	0.76	
	- 4-Wire Analog Density Zone 1a	0.94	
	- 4-Wire Analog Density Zone 1b	1.08	
	- 4-Wire Analog Density Zone 2	1.08	
	- 4-Wire Digital (56 KD) Density Zone 1a	0.94	
	- 4-Wire Digital (56 KD) Density Zone 1b	1.08	
	- 4-Wire Digital (56 KD) Density Zone 2	1.08	
5.14.5.10	DS1 EEL Test Charge 1a	3.69	
	DS1 EEL Test Charge 1b	4.17	
	DS1 EEL Test Charge 2	1.75	
5.14.5.11	DS3 EEL Test Charge	NA	
5.14.5.12	EEL Maintenance Charge		
	- DS1 Link	*	
	- DS3 Link	*	

5.14.5.13 Concentration

		Nonrecurring Charges
(A)	Service Charge	
	- Per Request	Charges are set forth in PSC NY No. 8—COMMUNICATIONS Tariff

		Monthly Rates	Nonrecurring Charges
(B)	Engineering and Implementation		
	- Cabling Plus Equipment	N/A	Charges are set forth in PSC NY No. 8—COMMUNICATIONS Tariff
	- Cabling Only	N/A	

* Cost study to be filed in Case No. 98-C-1357. The final rates will apply retroactively to the effective date of the Tariff amendments adding this Section 5.14.5.15.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.14 Combination of Unbundled Network Elements - Links (Cont'd)
5.14.5 Rates and Charges (Cont'd)
5.14.5.13 Concentration (Cont'd) (T)

		Monthly Rates	Nonrecurring Charges
(C)	Equipment Installation Costs - Per EEL Arrangement	N/A	Charges are set forth in PSC NY No. 8--COMMUNICATIONS Tariff
(D)	Concentration Access Charge (CAC) - Voice Grade, Per 100 Connection to MDF - DS1, Per 28 Connection to DSX	Rates and Charges are set forth in PSC NY No. 8--COMMUNICATIONS Tariff	
		Monthly Rates	
(E)	DC Power, per number of load amps requested - greater than 60	Rates are set forth in PSC NY No. 8—COMMUNICATIONS Tariff	
	- less than or equal to 60	Rates are set forth in PSC NY No. 8—COMMUNICATIONS Tariff	
(F)	HVAC - Per 10 load amps	Rates are set forth in PSC NY No. 8—COMMUNICATIONS Tariff	
(G)	Land and Buildings - Per 1/4 rack or fraction thereof	Rates are set forth in PSC NY No. 8—COMMUNICATIONS Tariff	

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.14 Combination of Unbundled Network Elements - Links (Cont'd)
5.14.5 Rates and Charges (Cont'd)
5.14.5.13 Concentration (Cont'd) (T)

		Monthly Rates
(H)	Relay Rack	
	- Per 1/4 rack or fraction thereof	Rates are set forth in PSC NY No. 8—COMMUNICATIONS Tariff

		First Quarter Hour or Fraction Thereof	Each Additional Quarter Hour or Fraction Thereof
(I)	Other Charges		
(1)	Training Time		
	- Per technician	Rates are set forth in PSC NY No. 8--COMMUNICATIONS Tariff	
(2)	Equipment Service Charge (Repair/Maintenance Service)		
	- Per technician	Rates are set forth in PSC NY No. 8--COMMUNICATIONS Tariff	

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.15 Combination of Unbundled Network Elements - Other
Notwithstanding any other provisions of this Section 5.15, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

5.15.1 General

Upon request by a TC, the Telephone Company will provide UNE Combinations other than those defined in Sections 5.12, 5.13 and 5.14 preceding, subject to the terms, conditions, and limitations set forth in this Section 5.15.

5.15.2 Definition
UNE Combinations - Other will consist of individual unbundled network elements and EEL arrangements defined in Sections 5.1 to 5.9 and 5.14 preceding, combined by the Telephone Company for use by a TC in providing service to an end user.

5.15.3 Regulations
Collocation will not be required to access these Combinations, unless technically necessary, as determined by the Telephone Company at the time of the TC's request.

5.15.4 Application of Rates and Charges

5.15.4.1 General

Existing monthly rates and nonrecurring charges apply to the purchase of unbundled network elements in combination.

5.15.4.2 Monthly Rates

The applicable tariffed monthly rate for each separate network element will apply to unbundled network elements purchased in combination.

5.15.4.3 Nonrecurring Charges

When two or more unbundled network elements are ordered in combination at the same time in the same central office, only one nonrecurring service order charge will apply, which shall equal the highest prevailing tariffed service order charge for the separate purchase of the individual elements being ordered.

For each combination, the charges for each individual element or EEL arrangement in the Combination, as set forth in Sections 5.2 to 5.9 and 5.14 preceding, will apply.

If any of the nonrecurring costs applicable to individual elements are not actually incurred when network elements are provided in Combination, appropriate adjustments will be made to the nonrecurring charges applicable to the Combination.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.16 Other Services

Notwithstanding any other provisions of this Section 5.16, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

5.16.1 Product and Service Availability (PSA) Service

5.16.1.1 Service Description

The Product and Service Availability (PSA) File, provides the subscribing TC with the ability to determine which Telephone Company products and services are available in a particular central office (CO) switch. The PSA files include Product information for all of the central offices in the Telephone Company. The information in the file is cross-referenced by wire center as well as by NPA-NXX. This will enable the TC to determine product and service availability when either of these pieces of information is known.

A basic understanding of the Telephone Company brand names for various Telephone Company features and services will be required by the TCs since the products and services in this file are expressed in Telephone Company branded-name format.

These Telephone Company branded products and services may be found in the PSC NY No. 1--COMMUNICATIONS Tariff.

The product is updated daily, and is located on a Telephone Company File Transfer Protocol (FTP) site. A TC may gain access to the PSA files through this site by contacting their Telephone Company account manager.

5.16.1.2 Regulations

Subscription to this PSA service and the information contained herein is for the use of the subscribing party only and will remain the property of the Telephone Company. Dissemination or transmission of said information to third parties is forbidden under the terms of this Tariff. The TC must sign a Non-Disclosure Agreement at the time of service negotiation.

5.16.1.3 Application of Rates and Charges

Monthly rates and nonrecurring charges for requests for PSA will be billed to the TC as set forth in Section 5.16.1.4 following.

5.16.1.4 Rates and Charges

	Monthly Rates	Nonrecurring Charges
Product and Service Availability Service File	$637.33	$0.00

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.16 Other Services (Cont'd)

5.16.2 Street Address Guide (SAG)

5.16.2.1 Service Description

The Street Address Guide (SAG) information is available on a regular basis to TCs via a File Transfer Protocol (FTP) site.

The SAG information is to be utilized by TCs to assist with Address Validation in the Pre-Service Orders functions. The flat file version of the SAG provides all the valid address ranges within the Telephone Company OSS. Among these are individual streets, their low and high range values, community, and state.

The SAG product is updated weekly and is located on the Telephone Company File Transfer Protocol (FTP) site. The TC can obtain the ability to download the SAG files from the FTP site by contacting their Telephone Company account manager.

5.16.2.2 Regulations
Subscription to this SAG service and the information contained herein is for the use of the subscribing party only and will remain the property of the Telephone Company. Dissemination or transmission of said information to third parties is forbidden under the terms of this Tariff. The TC must sign a Non-Disclosure Agreement at the time of service negotiation.

5.16.2.3 Application of Rates and Charges
Monthly rates and nonrecurring charges for requests for SAG will be billed to the TC as set forth in Section 5.16.2.4 following.

5.16.2.4 Rates and Charges

	Monthly Rates	Nonrecurring Charges	
Street Address Guide	$555.92	$0.00	(C)

5.17 (Reserved for future use)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.18 Line Sharing Arrangement

Notwithstanding any other provisions of this Section 5.18, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

5.18.1 General

5.18.1.1 Line Sharing is an arrangement in which the Telephone Company provides nondiscriminatory access to a requesting TC, for the TC's own use, of the high frequency portion of an existing copper loop over which the Telephone Company provides and continues to provide analog circuit-switched voice grade services.

5.18.2.2 Access to Line Sharing is provided through Collocation arrangements.

5.18.2.3 Definitions of "Binder or Binder Groups"

For purposes of this Section 5, the term "Binder or Binder Groups" means copper pairs bundled together, generally in groups of 25, 50 or 100.

5.18.1.4 Definition of "High Frequency Portion of a Loop"

For purposes of this Section 5, the term "High frequency portion of a loop" is the frequency range above the voiceband on a copper facility that is being used to carry analog circuit-switched voiceband transmissions.

5.18.2 Regulations

5.18.2.1 Restrictions on Availability of Line Sharing Arrangement

(A) In order for a loop to be eligible for Line Sharing, the following conditions must be satisfied for the duration of the Line Sharing arrangement:

(1) The loop must be an xDSL compatible copper loop that is presumed to be acceptable for shared line deployment in accordance with FCC rules.

(2) The Telephone Company must be providing simultaneous circuit-switched analog voice grade service to the end user customer served by the loop in question.

(3) The Telephone Company end user customer's dial tone must originate from a Telephone Company end office switch in the wire center where the Line Sharing arrangement is being requested.

(4) The xDSL technology to be deployed by the TC on that loop must not degrade the performance of other services provided on that loop or interfere with the operation of other services in the same or adjacent binder groups.

5.18.2.2 Obligations of the TC

(A) The TC must provide an ANSI approved splitter at the wire center as described in PSC NY No. 8--COMMUNICATIONS Tariff.

(B) The TC must provide its own DSLAM equipment in a Collocation arrangement and any necessary CPE for the xDSL service it intends to provide (including CPE splitters, filters, and/or other equipment necessary for the end user to receive separate voice and advanced data services across the shared loop).

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.18 Line Sharing Arrangement (Cont'd)
5.18.2 Regulations (Cont'd)
5.18.2.2 Obligations of the TC (Cont'd)

(C) The TC may only access the high frequency portion of a loop in a Line Sharing arrangement through an established Collocation arrangement at the Telephone Company serving wire center that contains the end office switch through which voice grade service is provided to the Telephone Company end user customer.

(D) The TC must notify the Telephone Company's voice customer that a disruption of the customer's voice grade service may occur during the provisioning of the TC's advanced data service over a Line Sharing arrangement, or during trouble isolation or repair of the data services. The TC must obtain concurrence and acknowledgment from the customer.

(E) The TC must provide the Telephone Company with information regarding the type of xDSL technology that it deploys on each shared loop. The TC must notify the Telephone Company of any proposed change in technology on a shared loop in order for the Telephone Company to update loop records and take action if the TC's change affects the voice grade service and other loops in the same or adjacent binder groups.

(F) The TC will work cooperatively with the Telephone Company in connection with the Telephone Company's effort to provide highly reliable voice grade local exchange service to its end user customer. Such cooperation will extend to a variety of possible matters, including but not limited to:

- Handling trouble reports
- Maintaining voice access to 911/E911
- Alarm conditions
- Maintaining database accuracy
- Dispatch to coordinate access and testing
- 7 x 24 availability for emergency situations
- Notification of service failures

In the event the Telephone Company incurs rebates or penalties in connection with voice service disruption, and the cause of the disruption is determined to be due to the TC, its advanced service equipment, facilities, and/or splitters, the TC will reimburse the Telephone Company on a dollar for dollar basis.

5.18.2.3 The Telephone Company and the TC will be responsible for following the agreed upon standards and to employ methods of operation that will not interfere with or impair the service or any facilities of the other or any third parties connected with or involved directly in the network of the other.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.18 Line Sharing Arrangement (Cont'd)
5.18.2 Regulations (Cont'd)
5.18.2.4 Ordering Procedures

(A) Prior to ordering a Line Sharing arrangement, the loop must first be pre-qualified to determine if it is xDSL compatible. The mechanized and manual loop qualification processes described in Section 5.5.4 preceding will apply.

(B) If conditioning is required to make a loop capable of supporting a Line Sharing arrangement, the Telephone Company will provide conditioning as described in Section 5.5.1.1(D) preceding. The Digital Design Link nonrecurring charges as set forth in Section 5.5.2 preceding will apply. The Telephone Company will not provide loop conditioning if such conditioning is likely to degrade the voice-grade service being provided to the Telephone Company's end user customer over that same loop.

(C) Upon completion of the engineering and conditioning, the standard loop provisioning intervals set forth in Section 5.5.3 preceding will apply.

(D) The TC must provide all required information on the application when a Line Sharing arrangement is ordered. Collocation augments required, either at the POT Bay, Collocation node, or for splitter placement must be ordered as described in PSC NY No. 8--COMMUNICATIONS Tariff. Splitter arrangements must be installed prior to submitting an order for Line Sharing.

(E) Cooperative testing refers to a joint effort by a Telephone Company technician and a CLEC technician to ensure, on the installation of a line sharing arrangement, that it is properly installed and working. A nonrecurring charge will apply for cooperative testing. If a CLEC can establish that the defect identified is one for which the Telephone Company is responsible, then this nonrecurring charge will be waived. (N)

5.18.2.5 Technical Specifications

(A) Line Sharing arrangements must comply with Bell Atlantic Technical Reference 72575. The xDSL technology used by the TC for Line Sharing arrangements must operate within the Power Spectral Density (PSD) limits set forth in T1.413.1998 (ADSL), T1.419-200 (Splitterless ADSL), or TR59-1999 (RADSL) and Multiple Virtual Line (MVL) (a proprietary technology) within the PSD limits of T1.413.1998 and within the transmit PSD limits of T1.601-1998.

5.18.2.6 Repair and Maintenance

(A) The Telephone Company and the TC will have joint responsibility to educate their end user customer regarding which service provider should be called for problems with their respective voice or advanced data service offerings.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.18 Line Sharing Arrangement (Cont'd)
5.18.2 Regulations (Cont'd)
5.18.2.6 Repair and Maintenance (Cont'd)

(B) The Telephone Company will retain primary responsibility for voice band trouble tickets, including repairing analog voice grade services and the physical line between the loop demarcation point at the end user customer premises and the point of demarcation in the central office. (M)

(C) The TC will be responsible for repairing advanced data services it offers over the Line Sharing arrangement. (M)

(D) The TC shall attempt to notify the Telephone Company's end user customer prior to initiating any activity such as wiring or testing on a shared loop that may disrupt or interfere with the customer's voice grade service.

(E) The Telephone Company and the TC will work together to address customer initiated repair requests and to minimize adverse impacts to the customer.

(F) When the Telephone Company provides inside wire maintenance services to the customer, the Telephone Company will only be responsible for testing and repairing the inside wire for the voice grade services. The Telephone Company will not test, repair, or upgrade inside wire to clear trouble calls associated with the TC's advanced data services.

(G) Before a trouble ticket is issued to the Telephone Company, the TC shall validate whether the Telephone Company customer is experiencing a trouble that arises from the TC's advanced data service. If the problem reported is isolated to the analog voice grade service provided by the Telephone Company, a trouble ticket may be issued to the Telephone Company.

(H) If a trouble is reported by a customer on its voice grade service and the Telephone Company determines the cause of the reported trouble arises from the TC's advanced data services equipment, including splitter problems, or the TC's activities, the Telephone Company will:

(1) Notify the TC and request the TC to test the trouble on the TC's advanced data service.

(2) If the end user customer's voice grade service is degraded such that the end user customer cannot originate or receive voice grade calls, or encounters unacceptable transmission, the Telephone Company may take steps to restore the end user customer's voice grade service.

(3) The Telephone Company's restoration efforts may include the removal of the TC-provided splitter and other advanced services equipment from the end user customer's link.

(4) Upon notification from the TC that the malfunction in the TC's advanced data service has been cleared, the Telephone Company will restore the TC's advanced data service by restoring the splitter on the end user customer's link.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.18 Line Sharing Arrangement (Cont'd)
5.18.2 Regulations (Cont'd)
5.18.2.6 Repair and Maintenance (Cont'd)
(H) (Cont'd)

(5) Upon completion of (1), (2), (3) and (4) preceding, the TC will be charged a Misdirected Trouble Report Dispatch In charge to recover the Telephone Company's cost for isolating and temporarily removing the malfunctioning advanced data service from the TC's line.

(6) The Telephone Company shall not be liable for damages of any kind for temporary disruptions to the TC's advanced data service that are the result of the steps taken in (1), (2), (3), (4) and (5) preceding to restore the end user's voice grade service.

5.18.2.7 Line Sharing Arrangements and Triennial Review Order of 2003

In accordance with the FCC's Triennial Review Order effective October 2, 2003, and notwithstanding any other provision of this tariff, Line Sharing shall no longer be provided pursuant to this tariff, except as described in the transitional rules set forth below.

(A) Line Sharing Arrangements in Place Before October 2, 2003 (i.e., "Grandfathered Line Sharing Arrangements")

A Line Sharing Arrangement over a copper loop or subloop will be grandfathered at the rates in effect as of October 2, 2003 provided the TC began providing xDSL service to its end user customer using Line Sharing over that loop or subloop prior to October 2, 2003, and only so long as the TC has not ceased providing xDSL service to that end user customer over that loop or subloop at that location.

(C)

(B) Line Sharing Arrangements on or after October 2, 2003

The Telephone Company shall provide Line Sharing to the TC pursuant to orders placed during the period October 2, 2003 to October 1, 2004 ("Interim Line Sharing Arrangements") in accordance with the pricing regulations set forth in Section 5.18.3(B) following. Any Interim Line Sharing Arrangements remaining as of October 1, 2006 will be disconnected. Except as set forth in this section, Interim Line Sharing Arrangements will be governed by the terms and conditions generally applicable to Line Sharing under this tariff.

(C) Line Sharing Arrangements after October 2, 2004

No orders for Line Sharing will be accepted after October 1, 2004, and the provisions of this tariff relating to Line Sharing shall have no further force and effect as of that date, except to the extent applicable to Grandfathered Line Sharing Arrangements and Interim Line Sharing Arrangements.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.18 Line Sharing Arrangement (Cont'd)

5.18.3 Application of Rates and Charges

(A) Rates and Charges are set forth in Sections 5.18.3(B) and 5.18.4 following. Rates and Charges include recurring and nonrecurring charges for Line Sharing. Also included are rates and charges associated with the pre-qualification, ordering, provisioning and cooperative testing of the Line Sharing arrangement. The Service Order, Provisioning, Service Connection and Central Office Wiring (Initial and Additional), charges always apply. One Service Order charge applies per order. The Manual Intervention Surcharge applies when the mechanized interface is functioning properly and it is not used to place the order. The Wideband Test Access charge applies when such testing is requested by the TC. The Field Installation Dispatch rate applies when a technician must be physically dispatched out and when cooperative testing is done. The Misdirected Trouble Report Dispatch In charge applies when a technician is physically dispatched to the central office at the TC's request and the trouble is not as specified by the TC, or when the dispatch is necessitated by the fact that the TC does not subscribe to optional Wideband Test Access service, and the TC has not provided complete, accurate and reliable test results. The Misdirected Trouble Report Dispatch Out charge applies when a technician is physically dispatched out at the TC's request, has full access, and the trouble is not as specified by the TC, or when the dispatch is necessitated by the fact that the TC does not subscribe to optional Wideband Test Access service, and the TC has not provided complete, accurate and reliable test results. The Expedited Charge applies as per the terms in Section 5.1.4 preceding. Rates and Charges for Manual and Mechanized Loop Qualification, Engineering Query and Engineering Work Order and conditioning charges are included, when applicable. TCs will be charged only applicable Collocation rates. Collocation rates and charges are set forth in PSC NY No. 8--COMMUNICATIONS Tariff. (C)

Where applicable, the Cancellation Charges as set forth in Section 5.11 preceding, will apply. When a cancellation is requested after engineering and construction work for conditioning has started, the engineering work order and associated construction charges will apply. A monthly OSS charge will apply to recover enhancements to and maintenance of the Company's Operation Support Systems necessary to support line sharing.

(B) Application of Additional Rates and Charges for Interim Line Sharing Arrangements

All rates and charges applicable to Line Sharing arrangements, as set forth elsewhere in this tariff, will be equally applicable to Interim Line Sharing Arrangements. Additionally, the following recurring charges will also apply to Interim Line Sharing Arrangements:

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.18 Line Sharing Arrangement (Cont'd)
5.18.3 Application of Rates and Charges (Cont'd)
(B) Application of Additional Rates and Charges for Interim Line Sharing Arrangements (Cont'd)

From October 2, 2003 through October 1, 2004, a recurring charge equal to twenty-five percent (25%) of the monthly recurring charge for an xDSL capable copper loop as set forth in Section 5.5.2. of this tariff. (Such applicable monthly recurring rate is referred to hereafter as the "Loop Rate".)

(N)

From October 2, 2004 through October 1, 2005, a recurring rate equal to fifty percent (50%) of the Loop Rate.

From October 2, 2005 through October 1, 2006, a recurring rate equal to seventy-five percent (75%) of the Loop Rate.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.18 Line Sharing Arrangement (Cont'd)

5.18.4 Rates and Charges

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Line Sharing* (Conversion of Existing Line) Service Order - per link	$ 9.01	(NOTE)	$ 13.99	(NOTE)	(C)
Service Connection Central Office Wiring (Initial) - per link	39.59	(NOTE)	56.63	(NOTE)	(C)
Service Connection Central Office Wiring (Additional) - per link	19.62	(NOTE)	28.06	(NOTE)	(C)
Provisioning - per link	0.13	(NOTE)	0.19	(NOTE)	(C)
Field Installation Dispatch - per occasion	114.06	(NOTE)	160.65	(NOTE)	(C)
Manual Intervention Surcharge - per link	26.56	(NOTE)	41.23	(NOTE)	(C)

* If conditioning is required, the Digital Design Link nonrecurring charges will apply as set forth in Section 5.5.2 preceding.
(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.18 Line Sharing Arrangement (Cont'd)
5.18.4 Rates and Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC
Line Sharing* (Conversion of Existing Line) (Cont'd)				
Misdirected Trouble Report Dispatch In				
- per occasion	$43.55	(NOTE)	$63.79	(NOTE)
Manual Loop Qualification				
- per link	95.52	(NOTE)	137.12	
Engineering Query				
- per link	169.64	(NOTE)	242.46	
Engineering Work Order				
- per link	729.57	(NOTE)	1,029.03	
Cooperative Testing				
- per link	34.92	(NOTE)	49.28	

	Monthly Rates	USOC	
Mechanized Loop Qualification			
- per link	$0.51	(NOTE)	(C)
Wideband Test Access			
- per link	1.77	(NOTE)	(C)
OSS Charge			
- per link	0.19	(NOTE)	

* If conditioning is required, the Digital Design Link nonrecurring charges will apply as set forth in Section 5.5.2 preceding.

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.19 Unbundled Sub-Loop Arrangement (USLA)

Notwithstanding any other provisions of this Section 5.19, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

5.19.1 General

5.19.1.1 Unbundled Sub-Loop Arrangement (USLA) provides a TC 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 TC Outside Plant Interconnection Cabinet (TOPIC) and the rate demarcation point at the end user location.

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

5.19.1.3 Power is not provided with USLA.

5.19.2 Regulations

5.19.2.1 The TOPIC will be provided within 100 feet of the FDI and installed by the TC on an easement or Right of Way obtained by the TC. The TOPIC will comply with industry standards and house the interconnection point between the Telephone Company and TC networks.

5.19.2.2 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.

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

5.19.2.4 The TC, at its option, may share the TOPIC with other TCs.

5.19.2.5 The Telephone Company's service responsibility will end at the interface point in the TOPIC.

5.19.2.6 Upon submission of a Engineering Query, the Telephone Company will provide the information described in Section 5.5.1.1(D)(2)(b) preceding.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.19 Unbundled Sub-Loop Arrangement (USLA) (Cont'd)
5.19.2 Regulations (Cont'd)

5.19.2.7 Site Survey/Report, Application Inquiries, Application, & TOPIC Interconnection

(A) The TC will submit an application detailing the existing Telephone Company feeder distribution interface locations at which the TC is interested in accessing sub-loops. The application will include 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 identify whether the FDI Serving Address Inquiry and/or the Preliminary Engineering Records Review are requested.

(B) Under the FDI Serving Address Inquiry, the Telephone Company will make available to the TC, upon request, the range of customer addresses served by that FDI.

(C) Upon request, the Telephone Company will provide a Preliminary Engineering Records Review for an FDI location identified to the Telephone Company by the TC. In response to the request, the Telephone Company will conduct a search of its records and identify the following information for the TC:

- type of enclosure
- number of distribution pairs that terminate at the FDI.

(D) Where either the FDI Serving Address Inquiry or Preliminary Engineering Records Review has been specified on the application, the TC will be notified of the results of these inquiries before the Telephone Company processes the rest of the application. The TC will be given the option of canceling the application based on the results of these inquiries.

(E) Upon receipt of the completed application and the application, inquiry and/or review fees, the Telephone Company will proceed with the site survey, design the required work order and prepare a cost estimate for the completion of the required work.

(F) The TC must request TOPIC Interconnection through its Telephone Company point of contact. Completed applications for TOPIC Interconnection must be sent directly to the Telephone Company at the following address:

Collocation Manager
Verizon
Room 509
125 High Street
Boston, MA 02110
Email: Collocation.applications@verizon.com

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.19 Unbundled Sub-Loop Arrangement (USLA) (Cont'd)
5.19.2 Regulations (Cont'd)
5.19.2.7 Site Survey/Report, Application Inquiries, Application, & TOPIC Interconnection (Cont'd)

(G) Within 45 business days after receipt of an application, the Telephone Company will provide the TC with the work order and cost estimate for the Telephone Company effort necessary to support interconnection with the TC provided TOPIC.

(H) If the TC elects to proceed with the TOPIC interconnection, the TC 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.

(I) TOPIC Interconnection will be provided on a negotiated interval.

5.19.2.8 Ordering and Provisioning of USLA Sub-Loops

(A) Upon completion of the procedures described Section 5.19.2.7 preceding, the TC may request USLA sub-loops.

(B) The TC 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.

(C) The TC 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 order. The Digital Design Link conditioning charges set forth in Section 5.5.2 preceding will apply.

(D) Crosswires within the TOPIC will be run by the TC. The TC will have assignment responsibility for the pairs in the interconnecting cable.

(E) USLA will be provided on a negotiated interval.

5.19.2.9 The TC is responsible for obtaining any rights of way necessary to implement the provisions of the Tariff.

5.19.2.10 The TC 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 TOPIC and its supporting structure.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.19 Unbundled Sub-Loop Arrangement (USLA) (Cont'd)

5.19.3 Application of Rates and Charges

5.19.3.1 Nonrecurring Charges

(A) TOPIC Interconnection

(1) The FDI Serving Address Inquiry charge applies per request, as set forth in Section 5.19.4.1(A)(1) following.
(2) The Preliminary Engineering Records Review charge applies per request, as set forth in Section 5.19.4.1(A)(2) following.
(3) An Application Fee is required, per USLA request, as set forth in Section 5.19.4.1(A)(3) following.
(4) A TOPIC Interconnection Fee applies, per USLA request, as set forth in Section 5.19.4.1(A)(4) following.

(B) USLA Sub-Loop

(1) A Service Order charge applies for each sub-loop service order as set forth in Section 5.19.4.1(B)(1) following.
(2) The Sub-Loop Connection (Reuse of Spare) charge applies, per new sub-loop terminated or reterminated, as set forth in Section 5.19.4.1(B)(2) following.
(3) The Sub-Loop Connection (Conversion) charge applies, per loop converted, as set forth in Section 5.19.4.1(B)(3) following.

5.19.3.2 Monthly Rates

(A) A monthly rate applies for each 2-Wire and 4-Wire Sub-Loop, as set forth in Section 5.19.4.2(A) following.
(B) A monthly OSS charge will apply to recover enhancements to and maintenance of the Company's Operation Support Systems necessary to support USLA.

5.19.3.3 Other Charges

(A) A TC Not Ready charge applies if a TC requests the dispatch of a Telephone Company technician to an outside plant location or to an end-user's premises and the TC is not ready, or the technician cannot gain access to the premises, as set forth in Section 5.19.4.3(A) following.
(B) A Misdirected Trouble Report Dispatch Out charge applies when a technician is physically dispatched to an outside plant location or an end user's premises, has full access, and the trouble is not as specified by the TC, as set forth in Section 5.19.4(3)(B) following. (C)
(C) The Engineering Query charge applies per 2-Wire and 4-Wire Sub-Loop when the TC requests the location of the serving FDI for an end user, as set forth in Section 5.19.4.3(C) following.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.19 Unbundled Sub-Loop Arrangement (USLA) (Cont'd)
5.19.4 Rates and Charges
5.19.4.1 Nonrecurring Charges

		Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
(A)	TOPIC Interconnection					
(1)	FDI Serving Address Inquiry					
	- Per request	ICB				
(2)	Preliminary Engineering Records Review					
	- Per request	ICB				
(3)	Application Fee*					
	- Per request	$2,500.00	(NOTE)			
(4)	TOPIC Interconnection					
	- Per request	ICB				
(B)	USLA Sub-Loop**					
(1)	Service Order					
	2-Wire					
	- per order	8.98	(NOTE)	$ 14.04	(NOTE)	(C)
	4-Wire					
	- per order	8.98	(NOTE)	14.04	(NOTE)	(C)
(2)	Sub-Loop Connection (Reuse of Spare)					
	2-Wire					
	- 1st Sub-Loop	88.36	(NOTE)	124.48	(NOTE)	(C)
	- Additional Sub-Loop	32.01	(NOTE)	45.11	(NOTE)	(C)
	4-Wire					
	- 1st Sub-Loop	105.78	(NOTE)	149.01	(NOTE)	(C)
	- Additional Sub-Loop	55.30	(NOTE)	77.91	(NOTE)	(C)

* This charge will be applied against the total of the Application and TOPIC Interconnection Fees.
** If conditioning is required, the Digital Design link nonrecurring charges will apply as set forth in Section 5.5.2 preceding.
(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.19 Unbundled Sub-Loop Arrangement (USLA) (Cont'd)
5.19.4 Rates and Charges (Cont'd)
5.19.4.1 Nonrecurring Charges (Cont'd)
(B) USLA Sub-Loop** (Cont'd)

		Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
(3)	Sub-Loop Connection (Conversion)					
	2-Wire					
	- 1st Sub-Loop	$202.11	(NOTE)	$292.74	(NOTE)	(C)
	- Additional Sub-Loop	121.05	(NOTE)	176.55	(NOTE)	
	4-Wire					
	- 1st Sub-Loop	204.94	(NOTE)	296.77	(NOTE)	
	- Additional Sub-Loop	133.64	(NOTE)	195.34	(NOTE)	

5.19.4.2 Monthly Rates	Monthly Rates	USOC	
(A) For Distribution Portion of Loop			
2-Wire Sub-Loop			
Density Zone 1A#	$2.21	(NOTE)	
Density Zone 1B#	5.23	(NOTE)	
Density Zone 2#	8.17	(NOTE)	
4-Wire Sub-Loop			
Density Zone 1A#	4.07	(NOTE)	
Density Zone 1B#	8.59	(NOTE)	
Density Zone 2#	13.62	(NOTE)	(C)
(B) OSS Charge			
- per Sub-Loop	0.19	(NOTE)	(C)

See Appendix A for Density Zones, 1A, 1B and 2 Wire Centers/Exchanges. (D)

** If conditioning is required, the Digital Design link nonrecurring charges will apply as set forth in Section 5.5.2 preceding.

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.19 Unbundled Sub-Loop Arrangement (USLA) (Cont'd)
5.19.4 Rates and Charges (Cont'd)

5.19.4.3 Other Charges Expedited

		Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	
(A)	TC Not Ready - per occasion	$ 73.10	(NOTE)	N/A	(C)
(B)	Misdirected Trouble Report Dispatch Out - per occasion	121.86	(NOTE)	$173.79	(C)
(C)	Engineering Query - per 2-Wire Sub-Loop	169.64	(NOTE)	242.46	(C)
	- per 4-Wire Sub-Loop	169.64	(NOTE)	242.46	(C)

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.20 Unbundled Dark Fiber

Notwithstanding any other provisions of this Section 5.20, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

5.20.1 General

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

5.20.1.2 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 November 1, 2003 Verizon will no longer provision new orders for IOF Dark Fiber between the TC Collocation arrangements in Telephone central offices and the TC's 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.

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

5.20.2 Regulations

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

(A) Loop Dark Fiber
Loop Dark Fiber provides a TC with two (2) unlit continuous fiber optic strand 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 Section 5.5 preceding will apply, except as set forth following.

(B) IOF Dark Fiber
IOF Dark Fiber provides a TC with a continuous fiber optic strand within an existing, in-place Telephone Company fiber optic cable sheath between TC Collocation arrangements in Telephone Company central offices, or between such arrangements and the TC's central office. All terms and conditions as described in Section 5.3 preceding will apply except as set forth following.

(C) Sub-Loop Dark Fiber
Sub-Loop Dark Fiber provides a TC with two (2) unlit continuous fiber strands between a TC Collocation arrangement in a Telephone Company end office and a CRTEE arrangement as described in the PSC NY No. 8--COMMUNICATIONS Tariff. All terms and conditions as described in Section 5.21 following will apply except as set forth following.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.20 Unbundled Dark Fiber (Cont'd)
5.20.2 Regulations (Cont'd)

5.20.2.2 A dark fiber UNE consists of two fiber strands.

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

5.20.2.4

(A) 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. (T)

(B) Where a direct IOF Dark Fiber route is not available between two Telephone Company central offices that are the end points of an IOF Dark Fiber route that is otherwise available under this tariff on an unbundled basis, the Telephone Company will provide, where available, IOF Dark Fiber via a reasonable indirect route that passes through intermediate Telephone Company central offices at the rates set forth in Section 5.20.4 following. The Telephone Company reserves the right to limit the number of intermediate central offices on an indirect route to the extent that, in Verizon's sole judgment, such limitation is necessary or desirable to ensure conformity with sound network engineering principles. In cases where the Telephone Company provides IOF Dark Fiber via an indirect route as described in this section, the TC shall not be permitted to access the IOF Dark Fiber at any intermediate central office between the two Telephone Company central offices that are the end points of the route. In no event shall the Telephone Company be required to provide IOF Dark Fiber between two central offices that are the end points of a route on which Verizon is not required under any provision of this tariff (including, but not limited to, Section 5.1.1.1(C)) to provide IOF Dark Fiber to the TC. (N) (N)

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

5.20.2.6 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.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.20 Unbundled Dark Fiber (Cont'd)
5.20.2 Regulations (Cont'd)

5.20.2.7 Ordering Conditions (M)

(A) 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.

(B) Written requests 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.

(C) 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 TC places the order.

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

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.20 Unbundled Dark Fiber (Cont'd)
5.20.2 Regulations (Cont'd)

5.20.2.8 At the option of the TC, the following additional engineering services regarding dark fiber are available: (T)

(A) Fiber Layout Map
A TC may request a fiber layout map for a wire center for preliminary design purposes only. Fiber layout maps are based upon the Telephone Company's existing records and are provided subject to a proprietary agreement. The map will show the streets within the wire center where there are existing Telephone Company fiber cable sheaths.

(B) Field Survey
A TC may request a field survey in order to verify the availability of dark fiber pair(s) and that such pair(s) are not defective or have not been used by Telephone Company personnel for prior emergency restoration activity. Fiber pairs will be tested by placing a light source on the individual fibers and measuring the end-to-end loss utilizing industry standard fiber optic test equipment. Results will be documented and provided to the TC.

(C) Retrofit Connectors

In order to try to improve the transmission characteristics of the UNE, a TC may request the Telephone Company retrofit its IOF or Loop or Sub-Loop Dark Fiber UNE with the Telephone Company's currently approved connectors if the fiber has older connectors. The Telephone Company will not retrofit older connectors if there is a risk of disrupting existing fiber optic services (e.g., connectors will not be retrofitted if there are other working optical services in the same fiber ribbon as the TC's dark fibers). As standard business practice calls for all connectors in a ribbon to be retrofitted at the same time, the TC will be charged for each connector changed on the ribbon.

(D) Clean Connectors

Upon request, the Telephone Company will clean the connectors on a Dark Fiber UNE in order to remove non-imbedded contaminants.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.20 Unbundled Dark Fiber (Cont'd)
5.20.2 Regulations (Cont'd)

5.20.2.9 Obligations of the TC

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

(B) The TC is responsible for obtaining any governmental or private property permit, easement or other authorization or approval required for access to dark fiber.

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

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

(E) The TC is responsible for establishing a fiber patch panel at a location determined by the Telephone Company which will serve as the demarcation point when dark fiber terminates in a location other than a Telephone Company wire center.

(F) 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.

5.20.2.10 Obligations of the Telephone Company

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

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

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

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

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.20 Unbundled Dark Fiber (Cont'd)
5.20.2 Regulations (Cont'd)
5.20.2.10 Obligations of the Telephone Company (Cont'd)

(E) Where a dark fiber UNE terminates in a location other than a Telephone Company wire center, the Telephone Company will place a fiber jumper connecting the dark fiber UNE on the Telephone Company's hard termination point to the TC's fiber patch panel.

(F) Where a dark fiber UNE terminates at a Collocation arrangement, the Telephone Company will place a fiber jumper connecting the dark fiber UNE on the Telephone Company's fiber distribution frame to the TC's POT bay.

5.20.2.11 Installation Intervals

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

Request	Interval
Cable Records Review	15 business days for quantities up to 10, Negotiated Interval for quantities greater than 10 inquiries per LATA per week.
Fiber Layout Map	Negotiated Interval
Field Survey	Negotiated Interval
Dark Fiber	30 business days for quantities up to 8, Negotiated Interval for quantities greater than 8.

5.20.2.12 Mileage Measurement

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

The Dark Fiber rates are shown in 5.20.4 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 or quarter-mile, as applicable, always round up to the next whole mile or quarter-mile before determining the mileage. Then multiply the mileage by the appropriate per mile or per quarter-mile rate.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.20 Unbundled Dark Fiber (Cont'd)
5.20.3 Application of Rates and Charges

(A) Monthly Rates

(1) 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 Section 5.20.4(A) following. A minimum of one mile applies. Where the Dark Fiber IOF has been provisioned through Intermediate Central Offices, the Dark Fiber IOF Mileage rate applies for the mileage between the two Verizon central offices that are the end points of the route as routed through the Intermediate Central Offices. (N) (N)

(2) The Dark Fiber Loop and Sub-Loop rates apply on a fixed and a per quarter-mile basis, per fiber pair, as set forth in Section 5.20.4(A) following. The amount billed will be the resulting mileage charge as calculated in Section 5.20.2.12 plus the fixed rate. A minimum of one quarter-mile applies.

(3) The Dark Fiber Channel Termination rate applies on a fixed and per quarter-mile 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 Section 5.20.4(A) following. The amount billed will be the resulting mileage charge as calculated in Section 5.20.2.12 plus the fixed rate. A minimum of one quarter-mile applies.

(4) The Serving Wire Center rate applies, per fiber pair, for each end originating or terminating at a Telephone Company office as set forth in Section 5.20.4(A) following.

(5) Where the Dark Fiber IOF has been provisioned through Intermediate Central Offices, the IOF Intermediate Office charge applies per fiber pair, for each intermediate central office on the route as set forth in Section 5.20.4 (A) following. This charge applies in addition to the Serving Wire Center charge indicated in Section 5.20.3 (A) (4) preceding. (N) (N)

(B) Nonrecurring Charges

(1) A Service Order charge applies, per service order, as set forth in Section 5.20.4(B) following.

(2) A Record Review Charge applies per request, as set forth in Section 5.20.4(B) following. (C)

(3) The Service Date Change charge applies, per fiber pair, when the TC requests a change of due date, as set forth in Section 5.20.4(B) following. The new due date may not exceed the original due date by more than 30 calendar days.

(4) The Service Connection - CO Wiring charge applies per fiber pair, per Serving Wire Center as set forth in Section 5.20.4(B) following. Where the Dark Fiber IOF has been provisioned through Intermediate Central Offices, an additional Service Connection – CO Wiring charge applies per fiber pair, per Intermediate Central Office, as set forth in Section 5.20.4(B) following. (C) (N) (N)

(5) The Service Connection - Other charge applies per fiber pair, as set forth in Section 5.20.4(B) following.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.20 Unbundled Dark Fiber (Cont'd)
5.20.3 Application of Rates and Charges (Cont'd)

(B) Nonrecurring Charges (Cont'd)

(6) The Installation Dispatch Charge applies, per fiber pair, when the TC orders an IOF dark fiber between its Collocation arrangement and the TC central office, or a loop dark fiber between its Collocation arrangement and an end user premises, or a Sub-Loop dark fiber between its Collocation arrangement and a CRTEE arrangement.

(7) The Cleaning Connector charge, when applicable, will apply per connector cleaned as set forth in Section 5.20.4(B) following.

(8) The Retrofit Connector charge, when applicable, will apply per connector upgraded as set forth in Section 5.20.4(B) following.

(C) Other Charges

(1) Where applicable, the Fiber Layout Map charges will apply as set forth in Section 5.20.4(C) following.

(2) Where applicable, the Field Survey charges will apply as set forth in Section 5.20.4(C) following.

(3) Where applicable, the cancellation charges as set forth in Section 5.11 preceding, will apply.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.20 Unbundled Dark Fiber (Cont'd)
5.20.4 Rates and Charges

(A) Monthly Charges

	Monthly Rates	USOC	
Loop Serving Wire Center Charge			
- Per Dark Fiber Pair, per Wire Center	$10.06	(NOTE)	
Dark Fiber Channel Termination Charge, Per Fiber Pair			
- Fixed	4.23	(NOTE)	
- Per Quarter Mile	14.02	(NOTE)	
Dark Fiber Loop Charge Per Fiber Pair			
- Fixed	4.23	(NOTE)	
- Per Quarter Mile	14.02	(NOTE)	
Dark Fiber Sub-Loop Charge Per Fiber Pair			
- Fixed	4.23	(NOTE)	
- Per Quarter Mile	14.02	(NOTE)	
IOF Serving Wire Center Charge			
- Per Dark Fiber Pair, Per Wire Center	9.43	(NOTE)	
IOF Intermediate Office Charge			(N)
- Per Dark Fiber Pair, Per Intermediate CO	18.86	(NOTE)	(N)
Dark Fiber IOF Mileage			
- Per Fiber Pair, Per Mile	58.20	(NOTE)	

(B) Nonrecurring Charges

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Service Order					
- per service order	$ 61.63	(NOTE)	$95.67	(NOTE)	
Record Review Charge					
- per request	156.82	(NOTE)	N/A		(C)
Service Date Change Charge					
- per fiber pair	14.46	(NOTE)	N/A		

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.20 Unbundled Dark Fiber (Cont'd)
5.20.4 Rates and Charges (Cont'd)
(B) Nonrecurring Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Dark Fiber Loop Charge					
- Service Connection - CO Wiring	$ 47.77	(NOTE)	$ 68.33	(NOTE)	
- Service Connection - Other (Provisioning)	156.79	(NOTE)	211.74	(NOTE)	
- Installation Dispatch	114.06	(NOTE)	160.65	(NOTE)	
Dark Fiber Sub-Loop Charge					
- Service Connection - CO Wiring	47.77	(NOTE)	68.33	(NOTE)	
- Service Connection - Other (Provisioning)	156.79	(NOTE)	211.74	(NOTE)	
- Installation Dispatch	114.06	(NOTE)	160.65	(NOTE)	
Dark Fiber IOF Charge					
- Service Connection – CO Wiring Per Serving Wire Center	52.76	(NOTE)	75.47	(NOTE)	(T)
- Service Connection - CO Wiring Per Intermediate CO	52.76	(NOTE)	75.47	(NOTE)	(N) (N)
- Service Connection - Other (Provisioning)	190.92	(NOTE)	262.27	(NOTE)	
Dark Fiber Channel Termination Charge					
- Service Connection - CO Wiring	47.77	(NOTE)	68.33	(NOTE)	
- Service Connection - Other (Provisioning)	156.79	(NOTE)	211.74	(NOTE)	
- Installation Dispatch	114.06	(NOTE)	160.65	(NOTE)	
Cleaning Connector Charge					
- Per Connector	30.32	(NOTE)	42.70	(NOTE)	
Retrofit Connector Charge					
- Per Connector	84.98	(NOTE)	119.79	(NOTE)	

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.20 Unbundled Dark Fiber (Cont'd)
5.20.4 Rates and Charges (Cont'd)

(C) Other Charges

	Time and Materials 1st ½ Hour or Fraction Thereof	Time and Materials Each Additional 15 Minutes or Fraction Thereof	
Fiber Layout Map			
Service Delivery Engineer	$28.11	$14.06	
Network Transport Engineering - Planning	29.55	14.77	(C)
Network Transport Engineering - Design	29.64	14.82	(C)
Field Survey			
Service Delivery Engineer	28.11	14.06	
Network Transport Engineering - Planning	29.55	14.77	(C)
Network Transport Engineering - Design	29.64	14.82	(C)
Outside Plant Operations (splicer)	20.89	10.45	(C)
Central Office Frame (COF)	23.70	11.85	(C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.21 Access to Feeder Sub-Loops

Notwithstanding any other provisions of this Section 5.21, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

5.21.1 General

5.21.1.1 A feeder sub-loop provides a dedicated DS1or DS3 two-point transmission path over a feeder facility in the Telephone Company's network between a TC Collocation arrangement in a Telephone Company end office and a CRTEE arrangement as described in PSC NY No. 8—COMMUNICATIONS Tariff. A Dark Fiber Feeder Sub-Loop is available as described in Section 5.20 preceding.

5.21.2 Regulations

5.21.2.1 A feeder sub-loop provides a two-point digital channel which provides 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). A Dark Fiber Feeder Sub-Loop is available as described in Section 5.20 preceding.

5.21.2.2 DS1 Feeder Sub-Loops

(A) A feeder sub-loop conditioned for 1.544 Mbps is called a DS1 feeder sub-loop.

(B) DS1 feeder sub-loops are designed to provide an average performance of at least 98.75% error-free transmission, measured over a continuous 24 hour period, between the Telephone Company's interfaces using industry standard DS1 test sets.

5.21.2.3 DS3 Feeder Sub-Loops

(A) A feeder sub-loop conditioned for 44.736 Mbps is called a DS3 feeder sub-loop.

(B) DS3 feeder sub-loops are designed to provide an average performance of at least 98% error-free transmission, measured over a continuous 24 hour period, between the Telephone Company's interfaces using industry standard DS1 test sets.

(C) For DS3 feeder sub-loops, the TC'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.

5.21.2.4 Dark Fiber Sub-Loop
A Dark Fiber Feeder Sub-Loop is available as described in Section 5.20 preceding.

5.21.2.5 Access to feeder sub-loops is only available where in-place, spare facilities exist. The Telephone Company is not obligated to construct new or additional facilities to accommodate requests for access to feeder sub-loops.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.21 Access to Feeder Sub-Loops (Cont'd)
5.21.2 Regulations (Cont'd)

5.21.2.6 Feeder sub-loops which are furnished on a full time basis are available on a two-point basis.

5.21.2.7 Ordering and Provisioning of Feeder Sub-Loops

(A) To be eligible for access to a feeder sub-loop, a TC must have a Collocation arrangement in the Telephone Company end office where the feeder sub-loop originates and a CRTEE arrangement in the RTEE where the feeder sub-loop terminates.

(B) All terms and conditions as described in Section 5.5 preceding will apply, except as set forth following.

(C) Feeder sub-loops will be provided on a negotiated interval.

5.21.2.8 Responsibility of the TC

(A) The TC shall have the sole responsibility for identifying to the Telephone Company where a feeder sub-loop should be connected to a TC Collocation arrangement.

(B) The TC is responsible for trouble isolation for feeder sub-loop facilities and providing the Telephone Company with appropriate dispatch information based on its test results.

(C) The TC may not rearrange, disconnect, remove or attempt to repair any equipment installed by the Telephone Company without prior written consent of the Telephone Company.

5.21.2.9 Responsibility of the Telephone Company

(A) The Telephone Company is responsible for maintenance and repair of only those facilities which it furnishes hereunder.

(B) The Telephone Company shall connect a feeder sub-loop to the point of termination bay of a Collocation arrangement by installing appropriate cross-connections. The Telephone Company shall be solely responsible for installing such cross-connections.

5.21.3 Application of Rates and Charges

5.21.3.1 Monthly Rates

(A) A monthly rate applies for each DS1 and DS3 feeder sub-loop. For DS3 feeder sub-loops, monthly rates apply on a fixed and a per ¼ mile basis, as set forth in Section 5.21.4.1(A) following.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.21 Access to Feeder Sub-Loops (Cont'd)
5.21.3 Application of Rates and Charges (Cont'd)
5.21.3.1 Monthly Rates (Cont'd)

(B) Dark Fiber Sub-Loop Rates are set forth in Section 5.20.4 preceding.

(C) A monthly OSS charge will apply to recover enhancements to and maintenance of the Company's Operation Support Systems necessary to support feeder sub-loops.

5.21.3.2 Nonrecurring Charges

(A) A Service Order charge applies, per service order, as set forth in Section 5.21.4.2(A) following.

(B) The Manual Intervention Surcharge applies when the mechanized interface is not used to place the order, as set forth in Section 5.21.4.2(B) following.

(C) The Service Connection-Central Office Wiring charge applies, as set forth in Section 5.21.4.2(C) following.

(D) The Service Connection-Other charge applies, as set forth in Section 5.21.4.2(D) following.

(E) The Installation Dispatch rate applies when a technician must be physically dispatched or when a TC requests cooperative testing, as set forth in Section 5.21.4.2(E) following.

(F) Dark Fiber Sub-Loop nonrecurring charges are set forth in Section 5.20.4 preceding.

5.21.3.3 Other Charges

(A) A TC Not Ready charge applies if a TC requests the dispatch of a Telephone Company technician to an outside plant location or to an end user's premises and the TC is not ready, or the technician cannot gain access to the premises, as set forth in Section 5.21.4.3(A) following.

(B) A Misdirected Trouble Report Dispatch In charge applies when a technician is physically dispatched to the central office and the trouble is not as specified by the TC, as set forth in Section 5.21.4.3(B) following.

(C) A Misdirected Trouble Report Dispatch Out charge applies when a technician is physically dispatched to an outside plant location or an end user's premises, has full access, and the trouble is not as specified by the TC, as set forth in Section 5.21.4.3(C) following. (C)

(D) Dark Fiber Sub-Loop other charges are set forth in Section 5.20.4 preceding.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.21 Access to Feeder Sub-Loops (Cont'd)

5.21.4. Rates and Charges

5.21.4.1 Monthly Charges

		Monthly Rates	USOC
(A)	DS1		
	- Per Feeder Sub-Loop		
	Density Zone 1A#	$83.05	(NOTE)
	Density Zone 1B#	94.53	(NOTE)
	Density Zone 2#	123.98	(NOTE)
(B)	DS3		
	- Per Feeder Sub-Loop		
	Density Zone 1A#		
	- Fixed	781.12	(NOTE)
	- Per Quarter Mile	6.38	(NOTE)
	Density Zone 1B#		
	- Fixed	781.12	(NOTE)
	- Per Quarter Mile	6.38	(NOTE)
	Density Zone 2#		
	- Fixed	781.12	(NOTE)
	- Per Quarter Mile	6.38	(NOTE)
(C)	OSS Charge		
	- Per Feeder Sub-Loop	0.00*	(NOTE)

5.21.4.2 Nonrecurring Charges

		Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
(A)	Service Order					
	DS1					
	- Per Order	$ 9.01	(NOTE)	$ 13.99	(NOTE)	(C)
	DS3					
	- Per Order	61.63	(NOTE)	95.67	(NOTE)	

See Appendix A for Density Zones 1A, 1B and 2 Wire Centers/Exchanges.
* Rate to be determined in a future proceeding in Case Nos. 98-C-1357 and 00-C-0127.
(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.21 Access to Feeder Sub-Loops (Cont'd)
5.21.4. Rates and Charges (Cont'd)
5.21.4.2 Nonrecurring Charges (Cont'd)

		Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
(B)	Manual Intervention Surcharge					
	DS1					
	- Per Order	$ 26.56	(NOTE)	$ 41.23	(NOTE)	(C)
	DS3					
	- Per Order	69.39	(NOTE)	107.70	(NOTE)	
(C)	Service Connection - Central Office Wiring					
	DS1					
	- 1st Sub-Loop	40.14	(NOTE)	57.41	(NOTE)	(C)
	- Additional Sub-Loop	23.40	(NOTE)	33.48	(NOTE)	(C)
	DS3					
	- Per Sub-Loop	47.77	(NOTE)	68.33	(NOTE)	
(D)	Service Connection - Other (Provisioning)					
	DS1 (New Order)					
	1st Sub-Loop	0.13	(NOTE)	0.19	(NOTE)	(C)
	Additional Sub-Loop	0.13	(NOTE)	0.19	(NOTE)	(C)
	DS3					
	Per Sub-Loop	156.79	(NOTE)	211.74	(NOTE)	

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.21 Access to Feeder Sub-Loops (Cont'd)
5.21.4. Rates and Charges (Cont'd)
5.21.4.2 Nonrecurring Charges (Cont'd)

		Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
(E)	Installation Dispatch					
	DS1 (New Order)					
	1st Sub-Loop	$147.99	(NOTE)	$208.44	(NOTE)	(C)
	Additional Sub-Loop	78.19	(NOTE)	110.13	(NOTE)	(C)
						(D)
						(D)
						(D)

5.21.4.3 Other Charges

(A)	TC Not Ready					
	- Per Occasion	73.10	NR9UN			(C)
(B)	Misdirected Trouble Report Dispatch In					
	- Per Occasion	43.55	UUCCC	63.79	EODCO	(C)
(C)	Misdirected Trouble Report Dispatch Out					
	- Per Occasion	121.86	UUCPC	173.79	EODCP	(C)

(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)

5.22 Line Splitting Arrangement

Notwithstanding any other provisions of this Section 5.22, the availability of Network Elements pursuant to this section is subject to the limitations set forth in Section 5.1.1.1. (N) (N)

5.22.1 General

5.22.1.1 Line Splitting is the ability of one or more TCs to provide both voice and data over the same unbundled xDSL compatible (loop) facility in order to offer an integrated voice and data service to the same TC end user customer with each provider employing different analog frequencies to transport voice and data on that line. Line splitting consists of an xDSL-based service provisioned by a TC that provides data services, i.e., a data CLEC or DLEC, over the high frequency portion of the loop and the voiceband service provisioned by a TC that provides voice service, i.e., a voice CLEC or VLEC, to the extent required by applicable law. The services provided by the CLECs must comport with technical standards set forth in the applicable FCC regulations and any subsequent modifications. In some cases the VLEC and DLEC may be the same entity. One of the wholesale TCs must be collocated.

5.22.1.2 The TC (VLEC) that utilizes a Telephone Company provided unbundled loop for the provision of circuit-switched voice grade services to an end user customer controls and is responsible for the Line Splitting arrangement.

(A) A Line Splitting arrangement with a second TC (DLEC) pursuant to which the second TC will utilize the high frequency portion of that loop to provide xDSL services to the end user customer requires that the two TCs have entered into an agreement to provide line splitting.

(B) The Telephone Company will permit and facilitate Line Splitting arrangements, to the extent required by law and set forth below, but will not assume any responsibility for administering the agreement between the VLEC and the DLEC or for resolving disputes arising under that agreement.

5.22.1.3 Definition of "High Frequency Portion of a Loop"

For purposes of this Section 5, the term "High frequency portion of a loop" is the frequency range above the voiceband on a copper facility that is being used to carry data transmissions. Voice service generally occurs on the lower "voiceband" frequency range, at least between 300 Hertz and 3,000 Hertz, and possibly up to 3,400 Hertz depending on equipment and facilities. Some forms of xDSL, such as ADSL use a higher frequency range, generally above 20,000 Hertz, that do not interfere with voiceband transmissions.

5.22.1.4 Definitions of "Binder or Binder Groups"

For purposes of this Section 5, the term "Binder or Binder Groups" means copper pairs bundled together, generally in groups of 25, 50 or 100.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.22 Line Splitting Arrangement (Cont'd)

5.22.2 Regulations

5.22.2.1 Availability of Line Splitting
Line splitting is provided as follows:

(A) Scenario 1

(1) For the period June 18, 2001 to October 27, 2001. The Telephone Company will facilitate the ability of a DLEC to add DSL to an existing UNE-P arrangement, as described in Section 5.12 preceding. The addition of data will trigger the conversion of the UNE-P to a 2-wire line split loop (i.e., UNE ADSL compatible loop) and a UNE analog end office switch port. Option 1 will be made available to the specific VLECs and DLECs that are active participants in a line splitting trial under the auspices of the NYPSC in Case 00-C-0127 at volumes negotiated between the parties to that proceeding.

(2) Beginning October 28, 2001, participant and volume restrictions will be lifted for line splitting under Scenario 1.

(B) Scenario 2

(1) Scenario 2 will be available beginning October 28, 2001. The Telephone Company will facilitate migration of an existing Line Sharing arrangement as described in Section 5.18 preceding, to a Line Splitting arrangement while retaining the same DSL service on the line. When a Telephone Company voice customer with Line Sharing migrates to a VLEC and wishes to retain the same DLEC for data service (the DLEC is different from the VLEC) and the same central office wiring configuration, the VLEC will submit the LSR using their AECN and also populate the LSP authorization field with the AECN of the DLEC.

5.22.2.2 Restrictions on Availability of Line Splitting Arrangement

(A) In order for a loop to be eligible for Line Splitting under either of the options identified in Section 5.22.2.1 preceding, the following conditions must be satisfied for the duration of the Line Splitting arrangement:

(1) The loop must be an ADSL compatible copper loop that is presumed to be acceptable for split line deployment in accordance with FCC rules.

(2) The VLEC must actually be providing simultaneous circuit-switched voice grade service to the end user customer.

(3) In cases where the VLEC is using Telephone Company unbundled switching to provide dial tone the VLEC's end user customer's dial tone must originate from a Telephone Company end office switch in the wire center where the Line Splitting arrangement is being requested.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.22 Line Splitting Arrangement (Cont'd)
5.22.2 Regulations (Cont'd)
5.22.2.2 Restrictions on Availability of Line Splitting Arrangement (Cont'd)
(A) (Cont'd)

(4) The xDSL technology to be deployed by the DLEC on that loop must not degrade the performance of other services provided on that loop or interfere with the operation of other services in the network, or the same or adjacent binder groups, any more than the minimum permitted by FCC regulations, and must be provided pursuant to the provisions of Section 5.22.1.1 preceding. (C)

(5) The VLEC and or DLEC must affirm that they have an existing business relationship by submitting a letter of authorization at the start of the partnership and by inserting their respective AECN/CCNA on each Line Splitting order. (C)

(6) An order for line splitting may not be placed until after an unbundled loop has been ordered by the VLEC and provisioned by the Telephone Company.

5.22.2.3 Obligations of the TC (DLEC/VLEC)

(A) Both the DLEC and the VLEC will assume certain obligations to the Telephone Company with respect to the Line Splitting arrangement, as set forth more specifically below. Any default or non-performance on the part of one of the two TCs participating in a Line Splitting arrangement, whether such default or non-performance relates to an obligation owed to the Telephone Company or to the other TC, will not excuse the other TC from the performance of its obligations to the Telephone Company under this tariff.

(B) The TC must provide an ANSI approved splitter at the wire center as described in PSC NY No. 8--COMMUNICATIONS Tariff. (C)

(C) The TC must provide its own DSLAM and splitter equipment in a Collocation arrangement and any necessary CPE for the xDSL service it intends to provide (including CPE splitters, filters, and/or other equipment necessary for the end user to receive separate voice and advanced data services across the shared loop). (C)

(D) The TCs may only access the loop in a Line Splitting arrangement through an established Collocation arrangement at the Telephone Company serving wire center that contains the end office switch through which voice grade service is provided to the VLEC's end user customer.

(E) The TC must provide the Telephone Company with information regarding the type of xDSL technology that it deploys on each split loop consistent with FCC regulations. The TC must notify the Telephone Company of any proposed change in technology on a split loop in order for the Telephone Company to update loop records and take action if the TC's change affects the voice grade service and other loops in the same or adjacent binder groups. (C) (C) (C)

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.22 Line Splitting Arrangement (Cont'd)
5.22.2 Regulations (Cont'd)
5.22.2.3 Obligations of the TC (DLEC/VLEC) (Cont'd)

(F) The VLEC and DLEC must work cooperatively with the Telephone Company in connection with the Telephone Company's effort to provide highly reliable service. Such cooperation will extend to a variety of possible matters, including but not limited to:

- Handling trouble reports
- Maintaining voice access to 911/E911
- Alarm conditions
- Maintaining database accuracy
- Dispatch to coordinate access and testing
- 7 x 24 availability for emergency situations
- Notification of service failures

(G) The VLECs and DLECs will be responsible for following the agreed upon standards and for employing methods of operation that will not interfere with or impair the service or any facilities of the other or any third parties connected with or involved directly in the network of the other. The VLECs and DLECs are responsible to maintain a cross-reference of the telephone number and circuit ID to tie the Line Splitting service together.

5.22.2.4 Obligations of the Telephone Company

(A) The Telephone Company will not assume responsibility for any default or non-performance by one TC participating in a Line Splitting arrangement with respect to an obligation owed to the other TC, nor will it indemnify the other TC for such default or non-performance.

(B) The Telephone Company will not assume any responsibility for continuing a Line Splitting arrangement, or for finding an alternative Line Splitting partner, if one of the two TCs withdraws from the arrangement (whether voluntarily, or because the end user customer does not wish to continue receiving service from that TC, or because the Telephone Company discontinued providing service to that TC by reason of the TC's default under this Tariff).

(C) The Telephone Company has no responsibility to the end user with respect to the quality of service provided by either the VLEC or the DLEC.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.22 Line Splitting Arrangement (Cont'd)
5.22.2 Regulations (Cont'd)
5.22.2.5 Technical Specifications

(A) As described in Bell Atlantic Technical Reference 72575, the xDSL technology used by the DLEC for Line Splitting arrangements must operate within the Power Spectral Density (PSD) limits set forth in T1.413.1998 (ADSL), T1.419-2000 (Splitterless ADSL), or TR59-1999 (RADSL). Multiple Virtual Line (MVL) (a proprietary technology) shall operate within the transmit PSD limits of T1.413.1998 for frequencies from 0 to 4 kHz and within the transmit PSD limits of T1.601-1998 for frequencies above 4 kHz. An xDSL technology is presumed to be acceptable if it satisfies FCC regulations pursuant to terms and conditions set forth in Section 51.230. (C) (C)

5.22.2.6 Ordering Procedures

(A) Prior to ordering a Line Splitting arrangement, the loop must first be pre-qualified to determine if it is xDSL compatible. The mechanized and manual loop qualification processes and terms described in Section 5.5.4 preceding will apply.

(B) If conditioning is required to make a loop capable of supporting a Line Splitting arrangement, the Telephone Company will provide conditioning as described in Section 5.5.1.1(D) preceding. The Digital Design Link nonrecurring charges as set forth in Section 5.5.2 preceding will apply. The Telephone Company will not provide loop conditioning if such conditioning is likely to degrade the voice grade service being provided to the end user customer over that same loop.

(C) Upon completion of the engineering and conditioning, the standard loop provisioning intervals set forth in Section 5.5.3 preceding will apply.

(D) The DLEC must provide all required information on the collocation application when a Splitter is installed. Collocation augments required, either at the POT Bay, Collocation node, or for splitter placement must be ordered as described in PSC NY No. 8--COMMUNICATIONS Tariff. Splitter arrangements must be installed prior to submitting an order for Line Splitting.

(E) For Scenario 1, where data is added to an existing UNE-P arrangement, the DLEC will submit the LSR using their own AECN and also populate the LSP authorization field with the AECN of their partnering VLEC.

(F) For Scenario 2, when a Telephone Company voice customer with Line Sharing migrates to a VLEC and wishes to retain the same DLEC for data service (the DLEC is the same as the VLEC), the VLEC will submit the LSR using their AECN and also populate the LSP authorization field with the AECN of their partnering DLEC.

(G) For Scenario 2, when a Telephone Company voice customer with Line Sharing migrates to a VLEC and wishes to retain the same DLEC for data service (the DLEC is different from the VLEC), the VLEC will submit the LSR using their AECN and also populate the LSP authorization field with the AECN of their partnering DLEC.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.22 Line Splitting Arrangement (Cont'd)
5.22.2 Regulations (Cont'd)

5.22.2.6 Ordering Procedures (Cont'd)

(A) Cooperative testing refers to a joint effort by a Telephone Company technician and a CLEC technician to ensure, on the installation of a line sharing arrangement, that it is properly installed and working. A nonrecurring charge will apply for cooperative testing. If a CLEC can establish that the defect is one for which the Telephone Company is responsible, then this nonrecurring charge will be waived. (N)

5.22.2.7 Repair and Maintenance

(A) The VLEC and the DLEC have joint responsibility to educate their end user customer regarding which service provider should be called for problems with their respective voice or advanced data service offerings. The VLEC and the DLEC also have joint responsibility for all end user interfaces, for isolating troubles, and for reporting them to the Telephone Company in a manner consistent with the procedures agreed to at the Industry Collaborative Proceeding.

(B) Wideband test access, which provides mechanized line testing, will be available at the TC's option for maintenance purposes after the service order has been completed. The DLEC will utilize the circuit number to initiate a test.

5.22.3 Application of Rates and Charges

The VLEC is recognized as the customer of record for the line and as such will be billed all charges unless otherwise indicated. Splitter charges will be billed to the customer of record for the splitter.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.22 Line Splitting Arrangement (Cont'd)
5.22.3 Application of Rates and Charges (Cont'd)

Rates and Charges are set forth in Section 5.22.4. Rates and Charges include recurring and nonrecurring charges for Line Splitting. Also included are rates and charges associated with the pre-qualification, ordering, provisioning and cooperative testing of the Line Splitting arrangement. The Service Order, Provisioning, Service Connection and Central Office Wiring (Initial and additional), charges always apply. One Service Order charge applies per link. The Manual Intervention Surcharge applies when the mechanized interface is functioning properly and it is not used by the TC to place the order. The Wideband Test Access charge applies when such testing is requested by the TC. The Field Installation Dispatch rate applies when a technician must be physically dispatched out and when cooperative testing is done. The Misdirected Trouble Report Dispatch In charge applies when a repair technician is physically dispatched to the central office at the TC's request, and the trouble is not as specified by the TC, or when the dispatch is necessitated by the fact that the TC does not subscribe to optional Wideband Test Access service, and the TC has not provided complete, accurate and reliable test results. The Misdirected Trouble Report Dispatch Out charge applies when a technician is physically dispatched out at the TC's request, has full access, and the trouble is not as specified by the TC, or when the dispatch is necessitated by the fact that the TC does not subscribe to optional Wideband Test Access service, and the TC has not provided complete, accurate and reliable test results. The Expedited Charge applies as per the terms in Section 5.1.4 preceding. Rates and Charges for Manual and Mechanized Loop Qualification, Engineering Query and Engineering Work Order and conditioning charges are included, when applicable. TCs will be charged only applicable Collocation rates. Collocation rates and charges are set forth in PSC NY No. 8--COMMUNICATIONS Tariff. (C)

Where applicable, the Cancellation Charges as set forth in Section 5.11 preceding, will apply. When a cancellation is requested after engineering and construction work for conditioning has started, the engineering work order and associated construction charges will apply.

A monthly OSS charge will apply to recover enhancements to and maintenance of the Company's Operation Support systems necessary to support line splitting.

Monthly recurring charges for a UNE ADSL compatible loop will apply. When a Telephone Company provided unbundled switch port is utilized, monthly charges for an analog switch port and all associated unbundled local switching usage, associated feature and function charges, unbundled local transport, switch termination charges, and related ancillary service charges (such as Directory Assistance charges) will apply.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.22 Line Splitting Arrangement (Cont'd)

5.22.4 Rates and Charges

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC	
Line Splitting*# (Conversion of Existing Line)					
Service Order - per link	$9.01	(NOTE)	$13.99	(NOTE)	(C)
Service Connection Central Office Wiring (Initial) - per link	39.59	(NOTE)	56.63	(NOTE)	
Service Connection Central Office Wiring (Additional) - per link	19.62	(NOTE)	28.06	(NOTE)	
Provisioning - per link	0.13	(NOTE)	0.19	(NOTE)	
Field Installation Dispatch - per occasion	114.06	(NOTE)	160.65	(NOTE)	
Manual Intervention Surcharge - per link	26.56	(NOTE)	41.23	(NOTE)	(C)

* If conditioning is required, the Digital Design Link nonrecurring charges will apply as set forth in Section 5.5.2 preceding.
\# Loop and switching (UNE-P) rates and charges will apply as set forth in Sections 5.5, 5.6, 5.7 and 5.8 preceding.
(NOTE) USOC to be supplied at a later date.

NETWORK ELEMENTS

5. Unbundled Network Elements (Cont'd)
5.22 Line Splitting Arrangement (Cont'd)
5.22.4 Rates and Charges (Cont'd)

	Nonrecurring Charges	USOC	Expedited Nonrecurring Charges	USOC
Line Splitting*# (Conversion of Existing Line) Misdirected Trouble Report Dispatch In - per occasion	$43.55	(NOTE)	$63.79	(NOTE)
Manual Loop Qualification - per link	95.52	(NOTE)	137.12	
Engineering Query - per link	169.64	(NOTE)	242.46	
Engineering Work Order - per link	729.57	(NOTE)	1,029.03	
Cooperative Testing Charge - per link	34.92	(NOTE)	49.28	

	Monthly Rates	USOC	
Mechanized Loop Qualification - per link	$0.51	(NOTE)	(C)
Wideband Test Access - per link	1.77	(NOTE)	(C)
OSS Charge - per link	0.00**	(NOTE)	

* If conditioning is required, the Digital Design Link nonrecurring charges will apply as set forth in Section 5.5.2 preceding.
** Rate to be determined in a future proceeding in Case Nos. 98-C-1357 and 00-C-0127.
Loop and switching (UNE-P) rates and charges will apply as set forth in Sections 5.5, 5.6, 5.7 and 5.8 preceding.
(NOTE) USOC to be supplied at a later date.

RATE SCHEDULE

DIRECTORY ASSISTANCE AND OPERATOR SERVICES
(Effective November 15, 2002) (C)

	CHARGE	
DA		
- Per request	$0.36	
DACC		
- Per request	0.12	
BLV		
- Per request	0.90	
BLV/I		
- Per request	1.00	
Collect		
- Per request	1.20	
Bill to Third		
- Per request	1.20	
Calling Card		(N)
- Per request	1.20	(N)
Sent Paid		
- Per request	0.75	
Person to Person		
- Per request	2.00	
0+ Mechanized/Calling Card		(C)
- Per request	0.25	
0+ Mechanized/Bill to Third		(C)
- Per request	0.25	
Automated Coin Toll Service		
- Per request	0.02	
Intercept		(N)
- Per line, per month	0.02	(N)