

Verizon New England Inc.

5. Local Loops

5.1 Two Wire Links

5.1.1	Description
A.	Links 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 NID.
B.	Two Wire Links— 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. Analog (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. Digital (ISDN Capable 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. The Telephone Company maintains the option to choose to provision these loops using either copper or fiber facilities. Digital two wire link facilities are equivalent to those used by the Telephone Company to support the Telephone Company's ISDN Basic Service^{1, 2} which operates digital signals at 160 kbps.
C.	Implementation of UNE Analog Loop Provisions of the Loop-Resale Forbearance Order - This paragraph 5.1.1.C 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.D, "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. - Notwithstanding any other provisions in this Tariff, including the preceding provisions of section 5.1.1C, but subject to the transitional provisions set forth in subparagraphs 3 and 4, below, UNE Analog Loops are not available from Verizon. - 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. - 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. - Nothing in this paragraph 5.1.1C 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.

¹ Please refer to Part F, Section 1.1.1A for additional limitations on the availability of ISDN Basic Service.

² Effective February 13, 2026, ISDN Basic Service with Digital Centrex is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, please refer to Part F, Section 1 of this tariff.

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Verizon New England Inc.

5. Local Loops
5.1 Two Wire Links

5.1.1	Description
D. 1.	Replacement Arrangements Where any UNE Analog Loop is no longer available under the terms of paragraph 5.1.1.C, 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 UNE Analog Loop without further notice to the customer. 2. In lieu of disconnecting the subject UNE Analog Loop in the circumstances set forth in subparagraph 5.1.1.D.1, above, Verizon, in its sole discretion, may elect, with at least 30 days advance notice to the customer, to: (a) convert the subject UNE Analog Loop 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 UNE Analog Loop 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 UNE Analog Loop (or the replacement service to which the UNE Analog Loop 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.D and shall promptly submit any LSR or ASR and take such other action that may be needed to implement such requirements.
E. 1. a. b. c. d.	Implementation of the 2020 UNE/Resale Order General This paragraph 5.1.1.E. 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. For purposes of this paragraph 5.1.1.E., "Effective Date" means the date on which the Report and Order takes effect. Nothing in this paragraph 5.1.1.E. 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. The definitions of various discontinued unbundled network elements in this paragraph 5.1.1.E. 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.

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Verizon New England Inc.

5. Local Loops

5.1 Two Wire Links

5.1.1	Description
E.	(Cont'd)
2.	UNE Loops
a.	For purposes of this subparagraph 5.1.1.E.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.
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., 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.
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.

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Verizon New England Inc.

5. Local Loops

5.1 Two Wire Links

5.1.1	Description
E.	(Cont'd)
2.	(Cont'd)
c.	DS0 UNE Loops and Associated UNE Copper Subloops
i.	For purposes of this subparagraph 5.1.1.E.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.C.1, above.
ii.	Notwithstanding any other provisions in this Tariff, including the preceding provisions of this §5.1.1., 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.E.2.e., below, and not by this paragraph.
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 37 th through the 47 th 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.
d.	UNE Narrowband Voice-Grade Loops
i.	For purposes of this subparagraph 5.1.1.E.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.C.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).

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Verizon New England Inc.

5. Local Loops

5.1 Two Wire Links

5.1.1	Description
E.	(Cont'd)
2.	(Cont'd)
d.	(Cont'd)
ii.	Notwithstanding any other provisions in this Tariff, including the preceding provisions of this §5.1.1., 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.C., 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.
e.	Multiunit Premises UNE Subloops
i.	For purposes of this subparagraph 5.1.1.E.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., 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.

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Verizon New England Inc.

5. Local Loops

5.1 Two Wire Links

5.1.1	Description	
E.	(Cont'd)	
3.	Network Interface Devices	
a.	For purposes of this subparagraph 5.1.1.E.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., 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.	
4.	Operations Support Systems Functions	
a.	For purposes of this subparagraph 5.1.1.E.4., 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., 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.	
5.	Discontinued UNEs and Replacement Arrangements	
a.	For purposes of this subparagraph 5.1.1.E.5., 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.E. 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.	

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Verizon New England Inc.

5. Local Loops

5.1 Two Wire Links

5.1.1	Description	(N)
E.	(Cont'd)	(N)
5.	(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.E.5. and shall promptly submit any LSR or ASR and take such other action that may be needed to implement such requirements.	
5.1.2	Responsibility of the Telephone Company	(X)
A.	The Telephone Company will make trouble report status available to the TC.	(X)
B.	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.	
5.1.3	Responsibility of the TC	(X)
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.	(X)
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.	The TC is responsible for providing a contact number that is readily accessible 24 hours a day, 7 days a week.	
(D)	(D)	(D)

New England Telephone and Telegraph Company

5. Local Loops
5.1 Two Wire Links

5.1.4 Regulations	
A.	All preordering, ordering, provisioning, maintenance and billing requests will be handled through the use of the Telephone Company's electronic interfaces.
B.	A change from one TC to another is considered a disconnect of the two-wire link from the original TC and a connect of a two-wire link with the new TC.
C.	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.

5.1.5 Application of Rates and Charges	
A.	The following NRCs apply (refer to Part A, Section 3).
1.	Service Order (on a standard basis or an expedited basis, as appropriate).
2.	Service Connection-Central Office Wiring
3.	Service Connection-Other
4.	Manual Intervention Surcharges (on a standard basis or an expedited basis, as appropriate).
5.	Installation Dispatch Out
6.	Customer Misdirect-In (on a standard basis or an expedited basis, as appropriate)
7.	Customer Misdirect-Out (on a standard basis or an expedited basis, as appropriate)
8.	Customer Not Ready-Out
9.	Dispatch Out of Hours
B.	If a TC requests information pertaining to the technical parameters of the loop facility (i.e., copper or pair gain, or copper loop resistance expressed in ranges), a nonrecurring loop information request charge will apply.
C.	Geographically deaveraged monthly rates apply per link.
D.	Service access charge and interconnection access charge elements contained in Part E (collocation) also apply.

New England Telephone and Telegraph Company

5. Local Loops

5.2 Four Wire Links

5.2.1 Description	
A.	Four-wire links provide a transmission facility between a distribution frame, or its equivalent, in the Telephone Company's central office and the end user's premises. Following are the types of four-wire links provided by the Telephone Company.
1.	Basic Four-Wire Link— An analog four-wire link provides for the transmission of analog signals with an approximate bandwidth of 300–3000 Hz from the end user's premises to a POI in the Telephone Company's central office using separate transmit and receive paths. It is terminated on the POT bay at the TC's collocation presence in the Telephone Company central office where the end user is served
2.	DDS or 56 kbps Digital (56 KD) Link— A digital four-wire link provides for the simultaneous two-way transmission of digital data at a synchronous rate of 56 kbps. The Telephone Company may provision these loops using either copper or fiber facilities. These links are equivalent to those facilities used by the Telephone Company to provide DDS 56 kbps services. Technical specifications are described in TR-72575.

5.2.2 Responsibility of the Telephone Company	
A.	The Telephone Company is responsible for making trouble report status available when requested by the TC.
B.	When the Telephone Company suspends or terminates a TC's link for reasons of non-payment or for other just cause, the Telephone Company will notify the TC prior to the termination/suspension date.

5.2.3 Responsibility of the TC	
A.	The TC is responsible for providing a contact number that is readily accessible twenty-four hours per day, seven days a week (24x7). The Telephone Company's report time starts when the Telephone Company receives the trouble report from the TC.
B.	The TC is responsible for coordinating with the Telephone Company to ensure that four-wire links are installed in accordance with the TC's request.
C.	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 sectionalized to the link.

5.2.4 Regulations	
A.	A change from one TC to another is considered a disconnect of the four-wire link from the original TC and a connect of a four-wire link with the new TC.

New England Telephone and Telegraph Company

5. Local Loops
5.2 Four Wire Links

5.2.4 Regulations	
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.

5.2.5 Application of Rates and Charges	
A.	The following NRCs apply (refer to Part A, Section 3).
1.	Service Order (on a standard basis or an expedited basis, as appropriate).
2.	Service Connection-Central Office Wiring
3.	Service Connection-Other
4.	Manual Intervention Surcharges (on a standard basis or an expedited basis, as appropriate).
5.	Installation Dispatch Out
6.	Customer Misdirect-In (on a standard basis or an expedited basis, as appropriate)
7.	Customer Misdirect-Out (on a standard basis or an expedited basis, as appropriate)
8.	Customer Not Ready-Out
9.	Dispatch Out of Hours
B.	If a TC requests information pertaining to the technical parameters of the loop facility (i.e., copper or pair gain, or copper loop resistance expressed in ranges), a nonrecurring loop information request charge will apply.
C.	Geographically deaveraged monthly rates apply per link.
D.	Service access charge and interconnection access charge elements contained in Part E (collocation) also apply.

Verizon New England Inc.

5. Local Loops

5.3 High Capacity Links

5.3.1	Description	
A.	For purposes of this Part B, Section 5.3, the terms “business line,” “fiber-based collocater,” 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.	(N)
B.	DS1 Loops - This Part B, Section 5.3.1.B implements certain provisions of the <i>Order on Remand</i> issued by the Federal Communications Commission on February 4, 2005, in WC Docket No. 04-313 and CC Docket No. 01-338 (the “<i>Triennial Review Remand Order</i>”), and of the regulations promulgated by the FCC pursuant to that order. 1. Limitations on Unbundling Obligation - Notwithstanding any other provision of this tariff, and subject to the transition plan described in Part B, Section 5.3.1.B.2, below, the Telephone Company will not provide unbundled access to DS1 loops to an extent beyond that required by 47 C.F.R. § 51.319(a)(4)(i), as in effect on or after March 11, 2005. Moreover, pursuant to 47 C.F.R. § 51.319(a)(4)(ii), as in effect on or after such date, a requesting TC may not obtain more than 10 unbundled DS1 loops to any single building in which DS1 loops are available as unbundled loops. 2. Transition Plan - For the 12-month period beginning on March 11, 2005, any DS1 loop UNEs that a TC leases from the Telephone Company as of that date, but which the Telephone Company is not obligated to unbundle pursuant to Part B, Section 5.3.1.B.1, 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 Part B, Section 5.3.1.B.1, above, requesting TCs may not obtain new DS1 loops as unbundled network elements on or after March 11, 2005.	
C.	DS3 Loops - This Part B, Section 5.3.1.C implements certain provisions of the <i>Order on Remand</i> issued by the Federal Communications Commission on February 4, 2005, in WC Docket No. 04-313 and CC Docket No. 01-338 (the “<i>Triennial Review Remand Order</i>”), and of the regulations promulgated by the FCC pursuant to that order. 1. Limitations on Unbundling Obligation - Notwithstanding any other provision of this tariff, and subject to the transition plan described in Part B, Section 5.3.1.C.2, below, the Telephone Company will not provide unbundled access to DS3 loops to an extent beyond that required by 47 C.F.R. § 51.319(a)(5)(i), as in effect on or after March 11, 2005. Moreover, pursuant to 47 C.F.R. § 51.319(a)(5)(ii), as in effect on or 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. 2. Transition Plan - For a 12-month period beginning on March 11, 2005, any DS3 loop UNEs that a TC leases from the Telephone Company as of that date, but which the Telephone Company is not obligated to unbundle pursuant to Part B, Section 5.3.1.C.1, 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 Part B, Section 5.3.1.C.1, above, requesting TCs may not obtain new DS3 loops as unbundled network elements on or after March 11, 2005.	(N)

Verizon New England Inc.

5. Local Loops

5.3 High Capacity Links

5.3.1	Description
D.	Post-transition Arrangements - TCs that have unbundled UNE DS1 or DS3 loop arrangements in place at the end of the transition periods described in Part B, Sections 5.3.1.B.2 and 5.3.1.C.2, 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 the 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.
1.	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 Part B, Sections 5.3.1.B.1 or 5.3.1.C.1, 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 interstate 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 interstate special access term/volume plan or other applicable interstate special access tariff arrangement in which the TC is already enrolled), terms, and conditions of such tariffed interstate 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 interstate special access term/volume plan or other applicable interstate special access tariff arrangement in which the TC is already enrolled), that apply to the tariffed interstate 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.
E.	Pursuant to the <i>Order on Remand</i> issued by the Federal Communications Commission on February 4, 2005, in WC Docket No. 04-313 and CC Docket No. 01-338 (the "<i>Triennial Review Remand Order</i>"), and the regulations promulgated by the FCC pursuant to that order, a TC's submission to the Telephone Company of an order for an unbundled DS1 or DS3 loop 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 in Part B, Sections 5.3.1.B.1 or 5.3.1.C.1, above, and that the TC is entitled to unbundled access to the network element or elements ordered. Such diligent inquiry shall include review of lists to be provided by the Telephone Company on its wholesale web site of the wire centers that meet specified criteria relating to the number of business lines that are served and the number of fiber-based collocators that are present. 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.

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Verizon New England Inc.

5. Local Loops

5.3 High Capacity Links

5.3.1	Description
E.	(Continued) 1. Part B, Section 13 of this tariff identifies central offices in the Telephone Company's service area that as of the effective date of this tariff meet the non-impairment tests for DS1 or DS3 loops under the standards set forth in the <i>Triennial Review Remand Order</i>. Notwithstanding any other provision of this tariff, the Telephone Company is not required to provide, and will not process: (1) orders for unbundled DS1 loops in wire centers marked "Yes" in the DS1 column contained in Part B, Section 13 of this tariff; and (2) orders for unbundled DS3 loops in wire centers marked "Yes" in the DS3 column contained in Part B, Section 13 of this tariff. A digital high capacity link 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; 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.
F.	Digital high capacity links conditioned for 1.544 Mbps are called 1.5 Mbps links when they are terminated at the TC's collocation presence in the Telephone Company central office where the end user is served. 1. 1.544 Mbps links 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. 2. The installation interval for one to nine 1.544 Mbps links is 9 business days where facilities exist. Quantities of 10 or greater will be provided on a negotiated interval subject to facilities availability. If facilities are not available but the Telephone Company has construction underway to meet forecasted demand, the interval quoted is the estimated construction completion date plus 6 business days.
G.	Digital high capacity links conditioned for 44.736 Mbps are called DS3 or 45 Mbps links when they are terminated at the TC's collocation presence in the Telephone Company central office where the end user is served. 1. 44.736 Mbps links 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. 2. The installation interval for one to nine 44.736 Mbps links is 18 business days where facilities exist. Quantities of 10 or greater will be provided on a negotiated interval subject to facilities availability. If facilities are not available but the Telephone Company has construction underway to meet forecasted demand, the interval quoted is the estimated construction completion date plus 15 business days.

5.3.2	Regulations
A.	It is the responsibility of the TC (or any other party of interest, such as the applicant for service, 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 required.
B.	High capacity links which are furnished on a full time basis are available on a two-point basis.

Verizon New England Inc.

5. Local Loops

5.3 High Capacity Links

5.3.2 Regulations	
C.	For 45 Mbps links, 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.
D.	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.

5.3.3 1.544 Clear Channel Capability Option	
A.	This option is available only between locations which are equipped for sending and receiving signals with bipolar coding/decoding capabilities.
1.	TC-provided equipment must be capable of transmitting and decoding bipolar signals as described in TR-72575.
B.	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.
C.	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.

5.3.4 Application of Rates and Charges	
A.	The following NRCs apply (refer to Part A, Section 3).
1.	Service Order (on a standard basis or an expedited basis, as appropriate).
2.	Service Connection-Central Office Wiring (on a standard basis or an expedited basis, as appropriate)
3.	Service Connection-Other (on a standard basis or an expedited basis, as appropriate)
4.	Manual Intervention Surcharges (on a standard basis or an expedited basis, as appropriate).
5.	Installation Dispatch Out
6.	Customer Misdirect-In (on a standard basis or an expedited basis, as appropriate)

Verizon New England Inc.

5. Local Loops
5.3 High Capacity Links

5.3.4 Application of Rates and Charges	
A.	(Continued)
7.	Customer Misdirect-Out (on a standard basis or an expedited basis, as appropriate)
8.	Customer Not Ready-Out
9.	Dispatch Out of Hours
B.	For 1.544 Mbps links, geographically deaveraged monthly rates apply per link. For 44.736 Mbps links, monthly rates apply on a fixed and per 1/4 mile basis per link.
C.	Service access charge and interconnection access charge elements contained in Part E (collocation) also apply.

Verizon New England Inc.

5. Local Loops**5.4 xDSL Qualified and Digital Designed Links**

5.4.1	Description
A.	xDSL links provide transmission technologies capable of supporting the following DSL technologies. 1. Asymmetrical Digital Subscriber Line (ADSL) 2. High-Bit Rate Digital Subscriber Line (HDSL) 3. Symmetrical Digital Subscriber Line (SDSL) 4. Integrated Digital Subscriber Line (IDSL) 5. Other DSL technologies to the extent that standards are identified and approved by ANSI (T1E1). These xDSL technologies are provisioned on qualified facilities and use line codes as specified in ANSI standards.
B.	Digital Two-Wire Link (including ADSL, HDSL, SDSL and IDSL)— Provides a channel equivalent to a two-wire, non-loaded, twisted copper pair loop from an end user's premises to a POI at a collocation arrangement in the Telephone Company's central office. These links are provisioned in accordance with the technical specifications approved and adopted by ANSI. 1. The digital two-wire link is available where qualified facilities exist. The Telephone Company will not construct new copper facilities to provide these links. 2. Only non-loaded and non-repeated twisted cable pairs that do not exceed a technical length limitation as specified in ANSI documentation can support xDSL capabilities.
C.	Digital Four-Wire Link (including HDSL)— Provides a channel equivalent to two two-wire, non-loaded, twisted pair copper from an end user's premises to a POI at a collocation arrangement in the Telephone Company's central office. These links are provisioned in accordance with the technical specifications approved and adopted by ANSI. 1. The digital four-wire link is available where qualified copper facilities exist. The Telephone Company will not construct new copper facilities to provide these links. 2. Only non-loaded and non-repeated twisted cable pairs that do not exceed a technical length limitation as specified in ANSI documentation can support xDSL capabilities.
D.	Digital Designed Links— At the option of the TC, the Telephone Company will condition links. The Telephone Company will also add ISDN range extensions to the copper portion of a two-wire digital ISDN capable link, if requested. Requests for link designs other than the standard options listed below, will be handled on a Bona Fide Request basis as specified in Part A, Section 2. 1. Two-wire digital ADSL conditioned designed metallic link with total loop lengths of 18,000 to 30,000 feet, no load coils, with standard bridged tap of less than 6,000 feet. 2. Two-wire ADSL qualified link of less than 18,000 feet with bridged tap removed. 3. Two-wire ADSL qualified link of less than 12,000 feet with bridged tap removed. 4. Two-wire HDSL qualified link of less than 12,000 feet with bridged tap removed.

Verizon New England Inc.

5. Local Loops**5.4 xDSL Qualified and Digital Designed Links**

5.4.1 Description	
D. (Continued)	
5.	Four-wire HDSL qualified link of less than 12,000 feet with bridged tap removed.
6.	Two-wire digital designed metallic ISDN-capable link with Telephone Company placed ISDN loop extension electronics.
7.	Two-wire SDSL qualified link with bridged tap removed.
8.	Two-wire IDSL qualified link of less than 18,000 feet with bridged tap removed.

5.4.2 Ordering Service	
A.	The TC must specify the xDSL technology to be provided over the DSL loop to allow the Telephone Company to identify and manage various advanced services technologies within binder groups.
B.	xDSL links must be pre-qualified to ensure that the loop being provisioned meets the technical characteristics of a link able to support compatible DSL technologies that meet applicable ANSI standards.
1.	Mechanized Pre-Qualification Database— The TC must utilize this database in advance of submitting an order to determine whether a given loop is qualified for xDSL per Telephone Company standards. The information provided includes total metallic loop length (including bridged taps), presence of load coils (yes or no), presence of digital loop carrier (yes or no), presence of interferors (yes or no), presence of digital single subscriber carrier (DSSC), and qualification for xDSL per Telephone Company standards (yes or no). This additional information may be used by the TC when ordering a digital designed link. This database is currently being built on a central office by central office basis.
a.	In some cases, based on the information returned on the query, the TC may submit an order for conditioning a loop to make it xDSL compatible as a digital designed link.
2.	Manual Loop Qualification— The TC may request manual loop qualification where the mechanized loop qualification database is not available. The information provided includes total metallic loop length (including bridged taps), presence of load coils (yes or no), presence of digital loop carrier (yes or no), presence of interferors (yes or no), presence of digital single subscriber carrier (DSSC), and qualification for xDSL per Telephone Company standards (yes or no). This additional information may be used by the TC when ordering a digital designed link.
a.	The TC may submit an order for conditioning a loop to make it xDSL compatible as a digital designed link.

Verizon New England Inc.

5. Local Loops**5.4 xDSL Qualified and Digital Designed Links**

5.4.2 Ordering Service	
B. (Continued)	
3.	Engineering Query— The TC may request information about a link from Telephone Company records beyond that supplied by the mechanized prequalification database or by manual loop qualification. Information such as length, number and location of bridged taps, number and location of load coils, location of digital loop carrier, or cable gauge at specific locations from Telephone Company cable records may be requested.
4.	Engineering Work Order— When the TC orders digital designed links, an engineering work order is required in order to verify facilities availability, write the work order, and prepare the special bill generated as a result of construction.

5.4.3 Responsibility of the Telephone Company	
A.	The Telephone Company will make trouble report status available to the TC.
B.	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. The Telephone Company will take the following actions if the TC's link creates interference or impairment with other Telephone Company facilities or services.
1.	Locate another loop that will not create interference or impairment and perform a line and station transfer, and if no such loop is available
2.	Obtain a determination from the PUC that the original loop cannot be conditioned to adequately eliminate interference or impairment with other Telephone Company facilities or services, and that there is no alternative loop available to which the TC's data service can be moved.

5.4.4 Responsibility of the TC	
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.	The TC is responsible for providing a contact number that is readily accessible 24 hours a day, 7 days a week.

5.4.5 Regulations	
A.	All preordering, ordering, provisioning, maintenance and billing requests will be handled through the use of the Telephone Company's electronic interfaces.

Verizon New England Inc.

5. Local Loops**5.4 xDSL Qualified and Digital Designed Links**

5.4.5 Regulations	
B.	A change from one TC to another is considered a disconnect of the xDSL qualified link from the original TC and a connect of an xDSL qualified link with the new TC.
C.	At the request of the TC, the Telephone Company will provide continuity testing with the TC.

5.4.6 Conditioning Options	
A.	Remove Load Coils— Telephone Company removal of load coils on a loop at the request of the TC.
B.	Remove Bridged Taps— Telephone Company removal of single or multiple bridged taps at the request of the TC.
C.	Addition of ISDN Extensions— Telephone Company electronics added to the copper portion of a two-wire digital ISDN-capable link so that it may provide service at lengths greater than 18,000 feet.

5.4.7 Application of Rates and Charges	
A.	The following NRCs apply (refer to Part A, Section 3).
1.	Service Order (on a standard basis or an expedited basis, as appropriate).
2.	Service Connection-Central Office Wiring
3.	Service Connection-Other
4.	Manual Intervention Surcharges (on a standard basis or an expedited basis, as appropriate).
5.	Installation Dispatch Out
6.	Customer Misdirect-In (on a standard basis or an expedited basis, as appropriate)
7.	Customer Misdirect-Out (on a standard basis or an expedited basis, as appropriate)
8.	Customer Not Ready-Out
9.	Dispatch Out of Hours
B.	The following loop qualification rates and charges apply as appropriate.
1.	Mechanized Loop Qualification Monthly Rate applies per link pre-qualified using the Telephone Company's mechanized qualification database.
2.	Manual Loop Qualification NRC applies per link pre-qualified using manual process.
3.	Engineering Query NRC applies per link when a TC requests loop information from Telephone Company records beyond that supplied by manual loop qualification. This charge always applies when a TC orders a digital designed link.

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5. Local Loops

5.4 xDSL Qualified and Digital Designed Links

5.4.7 Application of Rates and Charges	
C.	The following digital designed link rates and charges apply as appropriate. These rates and charges are in addition to all monthly rates and NRCs associated with the underlying xDSL links.
1.	Engineering Work Order NRC applies per digital designed link ordered.
2.	Remove Load Coil NRC applies per link requested. NRC varies depending on the length of the link. No charge applies for removal of load coils on links of less than 18,000 feet.
3.	Addition of ISDN Loop Extension Electronics NRC applies per link requested.
4.	Remove Bridged Taps NRC applies per link requested. There is one NRC for removal of a single, bridged tap. There is a different NRC if multiple bridged taps are removed. This NRC 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.
D.	Geographically deaveraged monthly rates apply per link.
E.	Service access charge and interconnection access charge elements contained in Part E (collocation) also apply.