2. Unbundled IOF Transport
2.1 Description

2.1.1	General
A.	Unbundled dedicated IOF transport, which is offered subject to availability, provides a two point transmission path on a directly connected basis. Unbundled dedicated IOF transport is offered as an individual network element separate from bridging, multiplexing, testing or customer reconfiguration capabilities and functions.
1.	For purposes of this Part B, Section 2, the terms "dedicated transport" and "dedicated IOF transport" are synonymous and are as defined in 47 C.F.R. § 51.319(e)(1) and the term "route" is as defined in 47 C.F.R. § 51.319(e) (introductory paragraph).
2.	For purposes of this Part B, Section 2, the terms "business line," "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.
3.	The Telephone Company does not offer unbundled SONET rings.
4.	Unbundled dedicated IOF transport is not provided with mid span meets pursuant to this tariff. The Telephone Company may provide access to unbundled dedicated IOF transport from a mid-span meet on a case-by-case basis pursuant to an approved interconnection agreement, as required by applicable law.
5.	Unbundled common (shared) IOF transport is provided in conjunction with unbundled switching identified in this tariff under Part B, Section 6, but only to the extent unbundled local switching is required to be provided as an unbundled network element pursuant to 47 U.S.C. § 251(c)(3) and 47 C.F.R. Part 51.
6.	A CLEC's collocation arrangement must be equipped to handle the level of dedicated IOF transport being requested. If the collocation site is not so equipped, the CLEC must augment such arrangement with the proper cross connects before the CLEC submits its request for unbundled dedicated IOF transport.
7.	The Telephone Company is not required to construct new IOF transport facilities to meet specific CLEC point-to-point demand for facilities that the Telephone Company has not deployed for its own use.
B.	**DS1 Dedicated Transport -** This Part B, Section 2.1.1.B 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.
1.	**Limitations on Unbundling Obligation –**
a.	Notwithstanding any other provision of this tariff, and subject to the transition plans set forth in Part B, Sections 2.1.1.B.2 and 2.1.1.B.3, below, the Telephone Company will not provide unbundled access to DS1 dedicated transport, as defined in the introductory paragraph of 47 C.F.R. § 51.319(e)(2)(ii), between any pair of Telephone Company wire centers where both wire centers defining the route are Tier 1 wire centers as set forth in 47 C.F.R. § 51.319(e)(2)(ii)(A), as in effect on and after March 11, 2005. The Telephone Company shall maintain a list of Tier 1 wire centers on the Telephone Company's wholesale website. (C) (C)

2. Unbundled IOF Transport
2.1 Description

2.1.1	General	
		(D)
b.	Where the Telephone Company is not required to provide unbundled DS1 transport pursuant to Part B, Section 2.1.1.B.1.a, above, CLECs may not obtain new DS1 transport as unbundled network elements on or after March 11, 2005 or more than 30 calendar days from the date such wire center is posted on the Telephone Company's wholesale website, whichever date is later.	(N) (N)
c.	Pursuant to 47 C.F.R. § 51.319(e)(2)(ii)(B) as in effect on and after March 11, 2005, a requesting CLEC may not obtain more than 10 unbundled DS1 dedicated transport circuits on each route where DS1 dedicated transport is available on an unbundled basis.	(T)
2.	**Transition Plan for DS1 Dedicated Transport in Tier 1 Wire Centers as of March 11, 2005 -** Any DS1 dedicated transport UNE that a CLEC leases from the Telephone Company as of March 11, 2005, but which the Telephone Company is not obligated to unbundle pursuant to Part B, Section 2.1.1.B.1.a, above, shall be available for lease from the Telephone Company until March 10, 2006 at the transition rates set forth in Part M, Sections 2.2.1 and 2.3.1.	(C) (C)
3.	**Transition Plan for DS1 Dedicated Transport in Tier 1 Wire Centers After March 11, 2005 –** In the event that the Telephone Company determines that any pair of wire centers qualify as Tier 1 wire centers after March 11, 2005, any DS1 dedicated transport UNE that a CLEC leases from the Telephone Company between such wire centers as of the date such wire centers are posted on the Telephone Company's wholesale website shall continue to be available for lease from the Telephone Company at the existing rates set forth in Part M, Sections 2.2.1 and 2.3.1 for a period of 30 calendar days from the date of posting or until March 10, 2006, whichever date is later.	(N) (N)
C.	**DS3 Dedicated Transport -** This Part B, Section 2.1.1.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.	
1.	**Limitations on Unbundling Obligation –**	
a.	Notwithstanding any other provision of this tariff, and subject to the transition plans set forth in Part B, Sections 2.1.1.C.2 and 2.1.1.C.3, 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), between any pair of Telephone Company wire centers where both wire centers defining the route are either Tier 1 or Tier 2 wire centers as set forth in 47 C.F.R. § 51.319(e)(2)(iii)(A), as in effect on and after March 11, 2005. The Telephone Company shall maintain a list of Tier 1 and Tier 2 wire centers on the Telephone Company's wholesale website.	(C) (C)
b.	Where the Telephone Company is not required to provide unbundled DS3 transport pursuant to this Part B, Section 2.1.1.C.1.a, above, CLECs may not obtain new DS3 transport as unbundled network elements on or after March 11, 2005 or more than 30 calendar days from the date such wire center is posted on the Telephone Company's wholesale website, whichever date is later.	(N) (N)
c.	Pursuant to 47 C.F.R. § 51.319(e)(2)(iii)(B) as in effect on and after March 11, 2005, a requesting CLEC may not obtain more than 12 unbundled DS3 dedicated transport circuits on each route where DS3 dedicated transport is available on an unbundled basis.	(T)

2. Unbundled IOF Transport
2.1 Description

2.1.1	General
2.	**Transition Plan for DS3 Dedicated Transport in Tier 1 or Tier 2 Wire Centers as of March 11, 2005 -** Any DS3 dedicated transport UNE that a CLEC leases from the Telephone Company as of March 11, 2005, but which the Telephone Company is not obligated to unbundle pursuant to Part B, Section 2.1.1.C.1.a, above, shall be available for lease from the Telephone Company until March 10, 2006 at the transition rates set forth in Part M, Sections 2.2.1 and 2.3.1.
3.	**Transition Plan for DS3 Dedicated Transport in Tier 1 or Tier 2 Wire Centers After March 11, 2005 –** In the event that the Telephone Company determines that any pair of wire centers qualify as either Tier 1 or Tier 2 wire centers after March 11, 2005, any DS3 dedicated transport UNE that a CLEC leases from the Telephone Company between such wire centers as of the date such wire centers are posted on the Telephone Company's wholesale website shall continue to be available for lease from the Telephone Company at the existing rates set forth in Part M, Sections 2.2.1 and 2.3.1 for a period of 30 calendar days from the date of posting or until March 10, 2006, whichever date is later.
D.	**Discontinuance of Embedded Base of UNE Dedicated Transport Arrangements at the Close of the Applicable Transition Period**
1.	**Processing of Conversion/Migration Orders -** CLECs may, at any time during the transition periods described in Part B, Sections 2.1.1.B.2, 2.1.1.B.3, 2.1.1.C.2, and 2.1.1.C.3, above, order replacement services that may be available from the Telephone Company under a separate arrangement (e.g., a separate non-section 251 agreement at market-based rates, arrangement under a Telephone Company access tariff, or resale) to replace the CLEC's embedded base, if any, of UNE dedicated transport arrangements that are subject to those transition periods. Any such order to convert or migrate to an alternative arrangement must be placed far enough in advance of the close of the applicable transition period to account for any standard intervals that apply, and the CLEC must complete any necessary preparatory activities in advance such that the conversion or migration order can be provisioned by the close of the applicable transition period.
a.	**Repricing Pending Actual Conversion or Migration -** The ability of CLECs to place advance orders under Part B, Section 2.1.1.D.1 may result in requests for the Telephone Company to process a significant number of conversions and/or migrations within a short time period. Accordingly, if the Telephone Company does not complete the conversion or migration requested by the CLEC as of the date requested by the CLEC, then the Telephone Company may reprice the arrangement effective as of that date by application of the rate(s) that apply to the available replacement service requested by the CLEC until such time as Telephone Company completes the actual conversion or migration to that available replacement service. Because such repricing may inherently involve, on a temporary basis, the application of rates to a facility or service provisioned through a format for which the Telephone Company's systems are not designed to apply such rates, the Telephone Company may effectuate such repricing by application of a surcharge calculated to make the effective charges equivalent to the available replacement service.

2. Unbundled IOF Transport
2.1 Description

2.1.1	General	
D.	**(Continued)**	
2.	**Failure of CLEC to Request Disconnection or Replacement Service by the Close of the Applicable Transition Period -** If the CLEC has not requested disconnection of the UNE dedicated transport arrangement or has not submitted an order for a replacement service in accordance with Part B, Section 2.1.1.D.1, above, by the close of the applicable transition period, then the Telephone Company may, at its sole discretion, either: (a) disconnect the arrangement on or at any time after the close of the applicable transition period, provided that the Telephone Company has notified the CLEC in writing at least thirty (30) days in advance of the disconnection date, or (b) convert or migrate the arrangement to an analogous access (month-to-month term), resale, or non-section 251 commercial arrangement the Telephone Company shall identify in writing at least 30 days in advance to the CLEC, and the rates, terms, and conditions of such arrangement shall apply and be binding upon the CLEC as of the close of the applicable transition period. However, if the CLEC has notified the Telephone Company prior to the close of the applicable transition period that the CLEC challenges the Telephone Company's determination that access to the UNE dedicated transport arrangement is not required in accordance with Part B, Section 2.1.1.B.1.a or 2.1.1.C.1.a, above, the Telephone Company shall continue to provision the subject elements as UNEs and then seek resolution of the dispute by the Department or the FCC. If the dispute is resolved in the Telephone Company's favor, then the CLEC shall compensate the Telephone Company for the difference between the rate applicable for the unbundled network element in question and the rate that would be otherwise charged for use of that element, plus carrying charges, such as interest on such amount retroactive to the close of the applicable transition period. Late payments shall not apply to any back-billed amounts.	(N)
a.	**Repricing Pending Actual Conversion or Migration -** If the Telephone Company is unable to complete the conversion or migration described in Part B, Section 2.1.1.D.2 by the applicable date set forth therein, then the Telephone Company may, but shall not be required to, reprice the arrangement by application of the rate(s) that apply to the analogous access, resale, or commercial arrangement effective as of the close of the applicable transition period until such time as the Telephone Company completes the actual conversion or migration described in Part B, Section 2.1.1.D.2. Because such repricing may inherently involve, on a temporary basis, the application of rates to a facility or service provisioned through a format for which the Telephone Company's systems are not designed to apply such rates, the Telephone Company may effectuate such repricing by application of a surcharge to be equivalent to the applicable access, resale, or other analogous arrangement that the Telephone Company identifies under Part B, Section 2.1.1.D.2.	

2. Unbundled IOF Transport
2.1 Description

2.1.1	General	
E.	Pursuant to 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 the regulations promulgated by the FCC pursuant to that order, a CLEC's submission to the Telephone Company of an order for unbundled DS1 or DS3 dedicated transport shall constitute a certification that, to the best of the CLEC's knowledge based on diligent inquiry, the order is consistent with the restrictions set forth in Part B, Sections 2.1.1.B.1 and 2.1.1.C.1, above, and that the CLEC is entitled to unbundled access to the network element or elements ordered. Such diligent inquiry shall include, at a minimum, 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, and any back-up data that the Telephone Company makes available to the CLEC under a non-disclosure agreement or that is otherwise available to the CLEC. When submitting an ASR for unbundled DS1 or DS3 dedicated transport for which self-certification under this section is required, the CLEC shall follow the Telephone Company's ordering guidelines and provide all specified supporting information on the ASR related to the UNE's eligibility so long as such method is no more onerous than providing certification by letter.	
1.	If the Telephone Company wishes to challenge the CLEC's right to obtain access to the subject DS1 or DS3 transport element pursuant to 47 U.S.C. § 251(c)(3), the Telephone Company will provision the element as a UNE and then seek resolution of the dispute by the Department or the FCC. If it is determined, after completion of the applicable dispute resolution process, that the CLEC was not entitled to unbundled access to such element or elements, then the Telephone Company may reprice the facilities in question on a going-forward basis and, if the Telephone Company notified the CLEC of the dispute within 30 days of receipt of the CLEC's order, backbill the CLEC to the date on which the element was first provisioned, in the amount of the difference between the rate applicable to the unbundled network element in question and the rate that would be otherwise charged for the use of that element, plus carrying charges, such as interest, on such amount. Late payments shall not apply to any back-billed amounts.	(N) (N)
2.	Notwithstanding any other provision of this tariff, the Telephone Company may reject a CLEC order for unbundled DS1 or DS3 dedicated transport without first seeking dispute resolution in any case where the CLEC's order conflicts with a Department or FCC determination that the wire centers involved in the CLEC order are non-impaired.	
3.	The Telephone Company shall provide the back-up data required by Part B, Section 2.1.1.E no later than ten (10) business days following the CLEC's written request, but only if a nondisclosure agreement covering the back-up data is in effect between the Telephone Company and the CLEC at that time. Upon the CLEC's request, the Telephone Company shall update the back-up data to the month in which the CLEC requests the back-up data; provided, however, that the Telephone Company need not provide the back-up data for a particular wire center for a date later than the original date on which the data must have been current to establish the level of non-impairment (e.g., Tier 2, etc.) that the Telephone Company asserts as to that wire center.	

2. Unbundled IOF Transport
2.1 Description

2.1.1	General	
F.	Unbundled dedicated IOF transport provides a transmission path within a LATA between the following locations. In addition, Intrastate-InterLATA unbundled dedicated IOF transport will be provided when all circuit end points are within the same local exchange calling area as defined in the MA Product Guide.	(T) (T)
1.	CLEC designated TC central office premises	
2.	CLEC designated collocation arrangements established within Telephone Company central offices	
3.	A CLEC designated TC central office premises and a collocation arrangement established within a Telephone Company central office.	
4.	A CLEC designated central office premises or collocation arrangement and a Telephone Company central office switch when used solely as an interconnection transport facility under a Meet Point A or B Reciprocal Traffic Exchange Trunk arrangement, as defined in Part C Section 1.	
5.	A Telephone Company tandem switch to which the CLEC brings traffic via its own facilities and a Telephone Company central office switch.	
6.	Telephone Company wire centers.	
7.	Telephone Company switches.	
G.	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 or OC12 IOF transport 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 OC3 or OC12 IOF transport arrangements will be discontinued on November 1, 2003, except as otherwise required under an effective interconnection agreement between the Telephone Company and the TC. The following digital connections which are provided through unbundled dedicated IOF transport are differentiated by bit rate and are offered with an electrical interface.	
1.	**Unbundled Dedicated DS1 IOF Transport—** A high capacity channel for the transmission of digital data at the rate of 1.544 Mbps.	
2.	**Unbundled Dedicated DS3 IOF Transport—** A high capacity channel for the transmission of digital data at the rate of 44.736 Mbps.	

2. Unbundled IOF Transport
2.1 Description

2.1.1	General	
H.	The following optical connections which are provided through unbundled dedicated IOF transport are differentiated by bit rate and are offered with an optical interface.	
1.	**Unbundled Dedicated OC-3 IOF Transport—** Provides for the simultaneous two-way transmission of digital signals using STS format at a rate of 155.52 Mbps.	
2.	**Unbundled Dedicated OC-12 IOF Transport—** Provides for the simultaneous two-way transmission of digital signals using STS format at a rate of 622.08 Mbps.	
I.	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 STS1 IOF transport 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 STS1 IOF transport arrangements will be discontinued on November 1, 2003, except as otherwise required under an effective interconnection agreement between the Telephone Company and the TC. The following connection is provided through unbundled dedicated IOF transport and is offered with a metallic-based electrical interface.	
1.	**Synchronous Transport Signal - Level 1 (STS-1)—** Provides a total bandwidth of 51.84 Mbps, including both overhead and payload. The interface must conform with GR-253–CORE which defines SONET requirements.	
J.	Implementation of the DS1/DS3 Transport Forbearance Order	(N)
1.	This paragraph 2.1.1.J 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.	
2.	The terms "DS1 dedicated transport," and "DS3 dedicated transport," as used in this paragraph 2.1.1.J and in paragraph 2.1.1.K, 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.	(N)

2. Unbundled IOF Transport
2.1 Description

2.1.1 General (N)

J. (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 Section 23; (b) a "Tier 2" wire center is a Verizon wire center identified as such (by a "Yes" in the column headed "Tier 2") in Section 23; (c) a "Tier 3" wire center is a Verizon wire center not identified as a Tier 1 or a Tier 2 wire center in Section 23, including a Verizon wire center not listed in Section 23; (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 Sections 2.1.1.B, 2.1.1.C and 2.1.1.E 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 2.1.1, 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 Massachusetts wire centers in Massachusetts listed in such Public Release are the following:

ACSHMAPL	ACTNMAMA	ADMSMAMA	AGWMMARO
AMHRMAFE	AMHRMASP	AMSBMAPL	ANDVMAEL
ARTNMAPL	ASHBMASO	ASHMMAPL	ASLDMAMA
ASNTMAMA	ATHOMARI	ATLBMABA	AUBNMALG
AYERMAPL	BARRMAJA	BCKTMAWA	BDFRMAPA
BITNMAWI	BKLIMAMA	BLMTMALE	BLNDMAGL
BLRCMAAN	BLTWMAJA	BMFDMAWA	BOTNMAMA
BRLNMAHI	BRNRMACH	BRNSMAMA	BRNTMAWA
BRPKMAWI	BRWRMACH	BRWSMAYA	BRYVMAUN
BSRVMAST	BVRLMAEL	BYTNMAMA	BZBYMAPE

(N)

2. Unbundled IOF Transport
2.1 Description

2.1.1 General (N)

J. Wire Centers (Cont'd)

4.

CATNMANM	CHCPMAWE	CHESMAMU	CHFRMANO
CHHMMAOH	CHLMMAST	CHLSMACH	CHMTMASO
CLTNMACH	CNCRMAWA	CNTNMAWA	CNWYMASH
CRVRMAMA	CTMTMADE	DDHMMAWA	DGTNMAEL
DLTNMACA	DNNSMAYA	DRCHMAAD	DRCTMAMM
DXBRMACH	EBSTMASA	EBWRMABE	EDGLMAMA
EDGRMAPP	EHMPMARA	ELNMMAPL	ESSXMASP
ESTNMANM	FKLNMAMC	FLMOMAMG	FLRVMANM
FTBGMAMA	FXBOMACO	GFTNMAWO	GLCSMAEL
GLVLMAHI	GNDLMASU	GNFDMACH	GRBRMASC
GRNRMAWE	GRTNMAHO	GRTWMAWI	GRVIMAWG
HBTNMAMA	HDSNMAFR	HLDNMAHO	HLSTMACH
HMPDMAMA	HMTNMAWI	HNDLMASO	HNHMMAGR
HNTNMAMA	HNVRMACO	HPTNMAHR	HRVRMALI
HRWCMAMA	HSTNMAMA	HTFDMACH	HVHLMAWI
HYNSMAOC	HYPKMAHA	INORMARL	IPSWMACO
KGTNMASL	LCSRMAGR	LDLWMAWI	LEE MAHI
LENXMAWA	LGMDMALO	LMNSMASC	LNBGMASC
LTTNMAKI	LXTNMAWA	LYFDMACA	LYNNMACH
MARNMAMI	MDLBMAJA	MEFDMAPL	MEWYMAVI
MLBRMAGR	MLDNMAEL	MLFLMACR	MLFRMAWA
MLISMAMA	MLTNMAAD	MNCHMASU	MNFDMABR
MNMTMAMA	MNSNMAMA	MRBLMAPL	MRFDMAMA
MRMCMACE	MSHPMAGN	MTAGMACE	MTPSMAMH
MYNRMAWA	NADMMASU	NANDMAAA	NATLMAOE
NBFDMASM	NBFRMAAE	NBPTMAGR	NCHLMAGR
NCKTMAUN	NDHMMAPI	NFRMMAED	NRDGMACE
NRFDMAMA	NRTNMATA	NRWDMAVE	NRWLMAMA
NTCKMAEC	NWTNMAWA	OKHMMARU	ORLNMAYA
ORNGMASM	OSVLMAWB	OXFRMAWH	PBDYMACE
PLMOMACO	PLMRMAPL	PPRLMAHI	PRVNMAWI
PTFDMAFE	RCPTMAMA	RDNGMALI	REVRMABE
RHBTMABA	RKLDMAWE	RNDHMAME	ROCHMANO
RSSLMAMA	RTLDMAMA	RWLYMAHA	RXBRMAWA
SAGSMACE	SBDGMAMA	SBTNMAEF	SCNSMABH
SCTTMAFP	SDBRMABP	SDFDMACO	SGMRMAYA
SGTNMAWA	SHFDMAMA	SHRNMAHI	SHRWMAGR
SHRYMACH	SLFLMACR	SPNCMAME	STBGMAMA
STBRMAPI	STNGMABR	SWCKMACO	TMTNMAME
TNTNMAPL	TPFDMACE	TRFLMAAA	TWBYMARO
TWNSMARA	TYNGMAKE	UPTNMAPI	UXBRMACO
VYHVMAED	WAHMMAHI	WAREMABA	WBSTMANE

(N)

2. Unbundled IOF Transport
2.1 Description

2.1.1 General (N)

J. Wire Centers (Cont'd)

4.	WBTNMAPR	WHMNMAWA	WHVLMAPA	WKFDMABE
	WLBGMAMA	WLBRMAMA	WLLFMAMA	WLMGMAMA
	WLPLMASS	WLSLMALA	WLTWMAWA	WMNSMAEL
	WNCHMAMA	WNDNMAGR	WNTHMAMA	WNWBMAMA
	WPBDMAPI	WRHMMASO	WRRNMAQU	WRXBMABE
	WSBGMALE	WSBOMASU	WSFDMAWA	WSFRMADE
	WSPTMADR	WTTWMAWC	WYLDMABP	WYMOMAMI

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 2.1.1.J 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.

K. Replacement Arrangements

1. Where any DS1 dedicated transport, or DS3 dedicated transport (each of the foregoing, a "Discontinued UNE") are no longer available under the terms of paragraph 2.1.1.J 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 2.1.1.K.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 2.1.1.K and shall promptly submit any LSR or ASR and take such other action that may be needed to implement such requirements. (N)

2. Unbundled IOF Transport
2.1 Description

2.1.1	General	(N)
L.	Implementation of the 2020 UNE/Resale Order	
1.	General	
a.	This paragraph 2.1.1.L. 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 2.1.1.L., "Effective Date" means the date on which the Report and Order takes effect.	
c.	Nothing in this paragraph 2.1.1.L., 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 2.1.1.L., 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 Dark Fiber Transport	
a.	For purposes of this subparagraph 2.1.1.L.2.:	
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 §2.1.1.J.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).	
b.	Notwithstanding any other provisions in this Tariff, including the preceding provisions of this §2.1.1., 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.	(N)

2. Unbundled IOF Transport
2.1 Description

2.1.1 General (N)

L. (Cont'd)

3. Operations Support Systems Functions

a. For purposes of this subparagraph 2.1.1.L.3., 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 §2.1.1., 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.

4. Discontinued UNEs and Replacement Arrangements

a. For purposes of this subparagraph 2.1.1.L.4., 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 2.1.1.L. 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.

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 2.1.1.L.4. and shall promptly submit any LSR or ASR and take such other action that may be needed to implement such requirements. (N)

2. Unbundled IOF Transport
2.2 Application of Rates and Charges

2.2.1	Channel Mileage
A.	Channel mileage provides for the transmission facility between the TC's collocation nodes established within Telephone Company central offices. In the event that unbundled dedicated transport is provided in conjunction with an entrance facility, these rate elements apply between Telephone Company offices.
1.	Rates associated with channel mileage apply monthly on a fixed and per mile basis.

2.2.2	Entrance Facility	
A.	Pursuant to 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 the regulations promulgated by the FCC pursuant to that order, and 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 28, 2005.	
1.	An Entrance Facility is dedicated transport (lit or unlit) that does not connect a pair of Telephone Company wire centers.	
2.	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 28, 2005. Any entrance facilities that are not disconnected or converted to alternative facilities by September 28, 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 network elements available under the terms of this tariff. The discontinuation of such unbundled entrance facilities does not alter either the Telephone Company's or the TC's pre-existing rights and responsibilities concerning interconnection facilities under section 251(c)(2) of the Act.	(N) (N)
3.	Nothing in this Part B, Section 2.2.2 shall repeal, limit, or impair in any way the provisions of Part B, Section 17.1.2 of this tariff relating to Dark Fiber Channel Terminations.	
4.	Rates associated with an Entrance Facility apply monthly on a fixed and per 1/4 mile basis. For DS1, the rates associated with Entrance Facility apply monthly on a fixed basis.	

2.2.3	NRCs
A.	The following NRCs apply (refer to Part A, Section 3).
1.	Service Order – applies on a standard basis or an expedited basis, as appropriate.
2.	Service Connection-Central Office Wiring – applies on a standard basis or an expedited basis, as appropriate.
3.	Service Connection-Other – applies on a standard basis or an expedited basis, as appropriate.
4.	Customer Misdirect-In - applies on a standard basis or an expedited basis, as appropriate.
5.	Customer Misdirect-Out – applies on a standard basis or an expedited basis, as appropriate.
6.	Design Change Charge

2. Unbundled IOF Transport
2.2 Application of Rates and Charges

2.2.3	NRCs	
A.	**(Continued)**	(X)
7.	Due Date Change Charge	
8.	Service Order Modification	
9.	Dispatch Out – may apply in limited cases as described in Part A, Section 3.3.2.A.6.	
10.	Customer Not Ready – applies on a standard basis or an expedited basis, as appropriate.	
11.	Manual Intervention Surcharge - applies on a standard basis or an expedited basis, as appropriate.	
12.	Engineering Query – applies on a standard basis or an expedited basis, when charges to perform an associated routine network modification work activity (listed below) also apply.	(C)
13.	Engineering Work Order – applies on a standard basis or an expedited basis, when charges to perform an associated routine network modification work activity (listed below) also apply.	(C)
14.	Multiplexer – 1/0 – Installation	
15.	Multiplexer – 1/0 – Reconfiguration	(X)
16.	Multiplexer – 3/1 – Installation	
17.	Multiplexer – 3/1 – Reconfiguration	
18.	Multiplexer – Other – Installation	
19.	Cross-Connection – Existing Fiber Facility	
20.	Line Card – Installation	
21.	Other Required Modifications	
22.	Commingling Arrangement	
23.	Conversion – Service Order	
24.	Conversion – Provisioning	
25.	Circuit Retag	

2.2.4	Other Charges
A.	When accessing unbundled dedicated IOF transport from a collocation arrangement, appropriate collocation cross connect charges will apply.
B.	Service access charge and interconnection access charge elements described in Part E (collocation) also apply.