12. Network Interface Device (NID) and House and Riser Cable12.1 Network Interface Device (NID)

12.1.	.1 Description
Α.	The NID is an FCC Part 68 registered jack from which customer premises wiring (inside wire) may be disconnected from the regulated Telephone Company's network. The Telephone Company will provide TC access to customer premises wiring through an existing Telephone Company NID connection.
1.	A TC may order a stand alone NID not connected to the Telephone Company's network.
В.	All preordering, ordering and provisioning will be handled through the use of the Telephone Company's electronic interfaces.

(C)

12.1.	.2 Regulations
Α.	A request must be initiated by the TC for access to the NID.
В.	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 customer premises wiring through a cross connect arrangement where technically feasible. When necessary, the Telephone Company will rearrange its facilities from the network side of the NID to provide access to an existing customer's premises wiring.
1.	The TC is not permitted to remove or otherwise rearrange the Telephone Company's facilities.
C.	To the extent there is not currently a single point of interconnection (SPOI) at a multi-unit premises that can be feasibly accessed by a TC, the Telephone Company and TC shall cooperate in any reconfiguration of the network necessary to create one. Such SPOI and any additional network reconfiguration shall be performed at the TC's expense. If the Telephone Company and TC are unable to negotiate a reconfigured SPOI at a multi-unit premises, upon written request and at the requesting TC's expense, the Telephone Company shall construct a SPOI that will be fully accessible and suitable for use by multiple TCs.

12.1	.3 Responsibility of the TC
А.	The TC is responsible for coordinating with the Telephone Company to ensure that facilities are installed in accordance with the elements requested.
В.	The TC is solely responsible for investigating any troubles reported by its end-user customers. 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.

12. Network Interface Device (NID) and House and Riser Cable12.1 Network Interface Device (NID)

12.1.3 Responsibility of the TC

D. The TC shall not cross connect any facilities to the network side of the Telephone Company's NID.

12.1.	.4 Responsibility of the Telephone Company
Α.	If requested, cutover of a TC's end user to the TC's NID will be performed by the Telephone Company at a negotiated time. The Telephone Company will place a jumper cable to connect the Telephone Company's NID to the TC's NID. The Telephone Company will check for continuity at the time of installation.
1.	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, a new cutover date will be established.

12.1	.5 Application of Rates and Charges	
Α.	Changes — A change from one TC to another will be considered a disconnect of the NID element from one TC and a new connect to the other TC. A conversion from a NID element to full service will be considered a disconnect from a TC and a new connect to a Telephone Company end user.	
В.	Monthly — A monthly charge applies for a two-wire or four-wire NID from the Telephone Company.	
C.	NRC— The following NRCs apply (refer to Part A, Section 3.3).	
1.	Service Order - applies on a standard or expedite basis, as appropriate.	(N)
2.	Customer Misdirect-Out – applies on a standard or expedite basis, as appropriate.	(C)
3.	Customer Not Ready-Out – applies on a standard or expedite basis, as appropriate.	(C)
4.	Dispatch-Out of Hours	
5.	Manual Intervention Surcharge – applies on a standard basis or on an expedited basis, as appropriate.	(Т)
6.	Installation dispatch Out – may apply in limited cases as described in Part A, Section 3.3.2.A6.	(C)
D.	Time and Materials rates and charges apply as follows.	
1.	For the installation of a two-wire or four-wire NID.	
2.	For completion of the cross connect work from the TC's NID to the Telephone Company's connecting facility.	
3.	For construction of a SPOI and associated network reconfiguration work. Where appropriate, a TC will be charged only its pro rata share of these costs to the extent more than one TC accesses that SPOI.	

12. Network Interface Device (NID) and House and Riser Cable12.2 House and Riser Cable

12.2	1 Description]
А.	House and riser cable provides a TC with access to facilities between the network side of the network interface of the TC's end user and a point of interconnection on the same premises where the Telephone Company's subscriber facility and house and riser facilities terminate.	
1.	House and riser cable is only available in locations where the Telephone Company owns, operates and maintains such in-place facilities or where the Telephone Company has operational control of such in-place facilities. Where permission of the building owner or another party is needed for TC access to house and riser cable, obtaining such permission is the responsibility of the TC, and the Telephone Company shall cooperate with such a request and shall not take any action that would impair the ability of the TC to obtain such permission.	
2.	House and riser cable does not provide a TC with access to Telephone Company smart jacks.	
В.	All preordering, ordering and provisioning will be handled through the use of the Telephone Company's electronic interfaces	(C
C.	If the TC provides the terminal block, the following pre-order conditions must be met by the TC prior to the Telephone Company's provisioning of house and riser cable.	
1.	The TC may locate its terminal block within cross connect distance to the Telephone Company's terminal block on the network side of the house and riser facilities. Cross connect distance is defined as being in the same room on the network side where the Telephone Company's house and riser facilities terminate, not including a hallway, or within twelve feet of the Telephone Company's house and riser terminal block located on the network side.	
a.	If suitable space is available, the TC will install its terminal block and equipment no closer than 14 inches to the Telephone Company terminal equipment that either is installed or projected to be installed, unless otherwise agreed to by the parties.	
b.	The TC's terminal block or equipment cannot be attached to or otherwise affixed to the Telephone Company's facilities or equipment, cannot pass through or otherwise penetrate Telephone Company facilities or equipment, and cannot be installed in the path of Telephone Company planned growth.	
C.	The TC shall clearly identify its terminal block and equipment as a TC facility.	
d.	When the TC disputes the Telephone Company's use of building space owned by the landlord, the Telephone Company shall provide proof of construction jobs in progress.	
2.	The TC may request the Telephone Company to provide a terminal block within cross connect distance to the existing terminal block that is on the network side of the Telephone Company's house and riser facilities. If suitable space and facilities are available, the Telephone Company will install a compatible fifty pair terminal block adjacent to the TC's terminal block.	

12. Network Interface Device (NID) and House and Riser Cable12.2 House and Riser Cable

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12.2.	4 Application of Rates and Charges
Α.	Changes — A change from one TC to another will be considered a disconnect of the house and riser cable element from one TC and a new connect to the other TC. A conversion from a house and riser cable element to full service will be considered a disconnect from a TC and a new connect to a Telephone Company end user.
В.	A Service Establishment Charge applies to the TC for the installation by the Telephone Company of each 50 pair terminal block requested by the TC for their terminations.
C.	NRC— The following NRCs apply (refer to Part A, Section 3.3).
1.	Customer Not Ready-Out – applies on a standard or expedite basis, as appropriate.
2.	Dispatch-Out of Hours
3.	Service Order Charge applies on a standard or expedite bases, as appropriate (only on requests for service submitted manually)
4.	False Dispatch
5.	Installation dispatch Out - may apply in limited cases as described in Part A, Section 3.3.2.A6.
D.	Monthly— Monthly rates apply as follows on a de-averaged basis
1.	Building Access — For each unbundled house and riser pair a TC orders from the Telephone Company at a user's premises, a per pair charge applies.
2.	Floor Access — For each floor the unbundled house and riser pair is extended between (e.g., the point of interconnection where the Telephone Company's subscriber facility and house and riser facilities terminate to, or the network side of the network interface of the TC's end user on the same premises), a per pair per floor risen charge applies.
3.	Building Access - Maintenance — A per pair charge applies for maintenance of each unbundled house and riser pair that has been installed by the Telephone Company at the request of the TC on a time and materials basis.
4.	Floor Access - Maintenance — A per pair per floor risen charge applies for maintenance of each unbundled house and riser pair that has been installed by the Telephone Company at the request of the TC on a time and materials basis.
E.	Time and Materials rates and charges apply as follows.
1.	When the TC requests that the Telephone Company install new house and riser cable.
2.	Installation of jumper cable connecting the Telephone Company's house and riser facilities to the TC's terminal block.

Expanded Extended Loop (EEL) Application of Rates and Charges

13.5	1 Description	1
A.	Monthly Rates	1
А. 1.	The applicable recurring rate for each separate network element will apply to EEL arrangements.	
2.	EEL voice grade/DS0 transport provides for the transmission facility between the two termination points.	
а.	Rates for EEL voice grade/DS0 transport apply on a fixed and per mile basis.	
3.	When a CLEC has requested conversion of a special access service to an EEL arrangement, EEL rates will be effective no later than 30 business days following the start of the conversion process.	(N (N
В.	NRCs will equal the sum of the tariffed NRC applicable to the individual unbundled network elements involved in the provisioning of the EEL arrangement, less the charge for the network activities, if any, not required to be performed due to the nature of the specific combination requested.	
1.	Link Test Charge — An NRC applies to recover the additional cost associated with testing EEL arrangements. This charge will vary depending on the specific loop type that is ordered.	
2.	Customer Not Ready Charges will apply on a standard or expedite basis, as appropriate.	(C
3.	One service order charge per service order issued will apply.	
C.	Collocation SAC or IAC Charges as appropriate will also apply (refer to Part E).	
D.	Full termination liability will apply for conversions to EEL arrangements, where applicable.	

15. Unbundled Network Element–Platform (UNE–P) Combinations15.1 General

15.1.	1 Description
Α.	Loop and port combinations previously 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.
В.	Requests for combinations of local loop and local switch port UNEs that are not ordinarily combined and have not previously been combined in the Telephone Company network will be made available to the extent technically feasible pursuant to the bona fide request process (refer to Part A, Section 2).
C.	A UNE-P combination, as offered under this tariff, consists of the combination of the following UNEs.
1.	Unbundled Local Loop (refer to Part B, Section 5), which is connected to unbundled local switching.
2.	Unbundled Local Switching (refer to Part B, Section 6), which provides access to the following UNEs.
a.	Unbundled Shared Trunk Port (refer to Part B, Section 6.2) and Common (shared) Transport (refer to Part B, Section 6.3) and/or Tandem Switching (refer to Part B, Section 4)
b.	Signaling Systems and Call Related Databases (refer to Part B, Section 7)
C.	E911
d.	Optional directory assistance services and operator services (refer to Part C, Sections 3.1)
e.	Optional Dedicated Trunk Port (refer to Part B, Section 6.2), which provides access to Dedicated Transport (refer to Part B, Section 2) and/or optional Tandem Switching (refer to Part B, Section 4).
D.	There is no collocation requirement to access local loop and local switch port UNE-P combinations.

Unbundled Network Element–Platform (UNE–P) Combinations Application of Rates and Charges

15.4.	1 Description]
15.4. A.	1 Description General— Tariffed NRCs, monthly rates and usage (as incurred) apply to all UNE-P	1
	combinations (refer to Part M, Sections 1, 2, and 3).	
В.	NRCs	
1.	Service Order applies based upon type of platform ordered (on a standard basis or an expedited basis, as appropriate)	(C
2.	Service Connection–Other applies based upon type of platform ordered (on a standard basis or an expedited basis, as appropriate). The service connection – other is assessed on a first plus additional basis, when the additional platform is ordered at the same time as the initial, and also on a standard or expedite basis, as appropriate	(C
3.	Service Connection–Central Office Wiring applies based upon the type of platform ordered for any orders classified as new (on a standard basis or an expedited basis, as appropriate). The Service Connection – Central Office Wiring charge is assessed on a first plus additional basis, when the additional platform is ordered at the same time as the initial., and also on a standard or expedite basis, as appropriate	(C)
4.	Other NRCs— The following NRCs also apply as appropriate (refer to Part A, Section 3).	
a.	Manual Intervention Surcharges apply per order, per port (on a standard basis or an expedited basis, as appropriate).	
b.	Installation Dispatch Out – may apply in limited cases as described in Part A, Section 3.3.2.A6.	(C)
C.	Customer Misdirect-In applies on a standard or expedited basis.	(T)
d.	Customer Misdirect-Out applies on a standard or expedited basis.	(T)
e.	Customer Not Ready-In applies on a standard or expedited basis.	(T)
f.	Customer Not Ready-Out applies on a standard or expedited basis.	(T)
g.	Dispatch Out of Hours.	
C.	Monthly Rates	
1.	Tariffed monthly rates for the individual UNEs or services that comprise the requested UNE–P combination apply (refer to Part B and Part M, Sections 2 and 3).	
2.	Foreign Exchange platform combinations utilize the corresponding interoffice rate elements in addition to the normal loop and port charges.	(N)
a.	Foreign exchange for analog platform arrangements would incur one EEL Voice Grade/DS0 Transport charge per platform combination.	
b.	Foreign exchange for ISDN BRI platform arrangements would incur three EEL Voice Grade/DS0 Transport charges per platform combination.	(N
D.	Usage	
1.	Tariffed MOU charges apply based on the Telephone Company network resource that is used (refer to Part B, Section 6–9 and Part M).	

16. Unbundled Network Element Combinations–Other16.1 General

16.1	.1 Description
Α.	Requests for UNE combinations other than EELs (refer to Part B, Section 13), switch sub-platform (refer to Part B, Section 14) or UNE-P combinations (refer to Part B, Section 15) will be made available to the extent technically feasible subject to the terms, conditions and limitations of this tariff.
В.	UNE combinations – other will consist of individual UNEs and EEL arrangements combined by the Telephone Company for use by a TC in providing service to an end user.
C.	There is no collocation requirement to access these combinations, unless technically necessary, as determined by the Telephone Company at the time of the TC's request.

16.1.	2 Application of Rates and Charges	
Α.	General—Tariffed NRCs, monthly rates and usage (as incurred) apply to all UNE combinations (refer to Part M, Sections 1, 2, and 3).	
В.	Monthly Rates and Usage Charges	
1.	All tariffed monthly rates and usage charges associated with the individual network elements included in the UNE combination apply in accordance with rate regulations established for those elements.	
C.	NRCs	
1.	In the event that the CLEC requests an expedited provisioning and/or that manual intervention is required, the appropriate expedite and/or manual intervention surcharges apply. A combination of network elements may be ordered on an expedited basis only if each of the separate elements ordered has a tariffed expedite NRC.	
2.	When two or more unbunbled network elements are ordered in combination at the same time in the same central office, only one service order charge will apply. The service order charge will be equal to the highest prevailing tariffed service order charge for the separate purchase of the individual elements being ordered.	
3.	Other NRCs for any combination of elements not specifically defined will equal the sum of the tariffed NRCs applicable to the individual unbundled network elements or EEL arrangements being purchased.	
4.	If any of the nonrecurring costs applicable to the individual elements are not actually incurred when network elements are provided in a UNE combination, appropriate adjustments will be made to the NRCs applicable to the UNE combination.	
5.	The following NRCs also apply as appropriate (refer to Part A, Section 3).	
a.	Installation Dispatch Out - may apply in limited cases as described in Part A, Section 3.3.2.A6.	
b.	Customer Misdirect-In – applies on a standard or expedite basis, as appropriate.	
c.	Customer Misdirect-Out – applies on a standard or expedite basis, as appropriate.	

16. Unbundled Network Element Combinations–Other16.1 General

16.1.2	Application of Rates and Charges	
C.5.	(Continued)	
d.	Customer Not Ready-In – applies on a standard or expedite basis, as appropriate	(C)
e.	Customer Not Ready-Out – applies on a standard or expedite basis, as appropriate	(C)
f.	Dispatch Out of Hours	
D.	Collocation SAC or IAC charges, as appropriate, will also apply (refer to Part E).	

17.1.	1 Description
Α.	Dark fiber provides a TC with a continuous fiber optic strand within an existing, in-place Telephone Company fiber optic cable sheath solely for use in the provision of telecommunications services.
1.	A strand is not considered continuous if splicing is required to provide fiber continuity between locations. If a fiber strand can be made continuous by joining fibers at existing splice points within the same sheath, the Telephone Company will perform such splicing at the TC's request on a time and materials basis.
2.	A minimum quantity of two fiber strands is required.
В.	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.
C.	Dark fiber is provided subject to the availability of facilities on a first-come, first-served basis. Reservations for dark fiber are not accepted.
D.	Unbundled dark fiber may be accessed at existing hard termination points (e.g., fiber distribution frames, industry standard mechanical fiber connectors), at existing splice points (per DTE Phase 4N Order) or, for collocation arrangements, at the fiber tie augment on the POT bay.
E.	
F.	The Telephone Company shall not be required to convert lit fiber to a dark fiber loop or dark fiber IOF for the TC's use.
1.	Spare wavelengths on fiber strands, where Wave Division Multiplexing (WDM) or Dense Wave Division Multiplexing (DWDM) equipment is deployed, are not considered to be dark fiber loops or dark fiber IOF, and, therefore, will not be offered to TCs as dark fiber loops or dark fiber IOF.
2.	Fiber that has been assigned to fulfill a customer order or for maintenance purposes will not be offered to TCs as dark fiber loops or dark fiber IOF.
3.	The Telephone Company shall not be required to lease to TCs dark fiber pairs as unbundled dark fiber loops or dark fiber IOF that the Telephone Company has allocated for another TC (e.g. they have been installed or allocated to serve a particular TC in the near future), or allocated for growth or survivability in a particular part of its network as demonstrably necessary to meet its individual short-term needs.

17.1	2 Regulations	(Ŋ)
Α.	The Telephone Company provides access to the following types of Dark Fiber:	
1.	Loop Dark Fiber is provided between the TC's collocation arrangement in the Telephone Company central office and the end user's premises in the same serving wire center.	
2.	IOF Dark Fiber is provided between TC collocation arrangements in Telephone Company central offices or between such arrangements and the TC's central office.	(N)

17.1.	3 Ordering Conditions
Α.	Prior to ordering dark fiber, 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.
1.	The Telephone Company's Carrier Account Team Center will be the single point of contact for all unbundled dark fiber requests.
2.	Written requests for dark fiber must designate the two locations between which dark fiber is desired and the quantity of fiber pairs requested. Each request must specify two locations only. Additional locations will require additional requests.
3.	The TC will be charged a Non-recurring Record Review charge to perform the Dark Fiber Inquiry.
В.	If Spare Fiber Exists— The Telephone Company will notify the TC and provide the estimated mileage and number of intermediate offices, if applicable. The Telephone Company will also provide an estimate of the applicable rates and charges when the records indicate spare dark fiber may be available. The Telephone Company makes no guarantee as to the length of time the fiber will remain spare. If such fiber does not remain spare and the Telephone Company had provided notification of its availability within the last sixty days to the TC, the Telephone Company will notify the TC that it is no longer available (per DTE Phase 4N Order, Consolidated Arbitration).
1.	The TC may proceed to place an order for a dark fiber UNE via an ASR any time following receipt of a positive Dark Fiber Inquiry response.
C.	If no Spare Unreserved Fiber Exists— The Telephone Company will inform the TC as soon as practical. The TC may request documentation supporting that this is the case. The Telephone Company will provide such documentation which may include, at the Telephone Company's sole option, copies of its records or information extracted from its records, omitting all proprietary or confidential information. The Telephone Company will provide such documentation, except in cases of voluminous requests or large, complex projects (per DTE Phase 4N, Consolidated Arbitration).
	The TC will be charged a Non-recurring cable documentation charge for such documentation.

17.1	4 Optional Engineering Services	(C
Α.	At the option of the TC, the following optional engineering services regarding dark fiber are available. Before undertaking any work on a time and materials basis, the Telephone Company will provide the TC with a written estimate of the time and cost associated for the requested work. The Telephone Company will proceed with the work only upon receipt of the TC's written authorization and full payment of the estimated charges. The TC will be billed charges as detailed in Part M Section 2.	(C
В.	Serving Wire Center Fiber Layout Map A TC may request a fiber layout map for a wire center for preliminary design purposes only. The map will show the routes within the wire center where there are existing Telephone Company fiber cable sheaths.	(C)
1.	Serving Wire Center Fiber layout maps are based upon the Telephone Company's existing records and are provided subject to a proprietary agreement (per DTE MA 4N Order). Said agreement shall limit disclosure to personnel of the TC that have a need for fiber layout information solely for the purpose of designing the TC network within the serving wire center.	(T) (T)
2.	A TC's written request for a serving wire center fiber layout map for a wire center shall be sent to the collocation project manager . The Telephone Company will charge the TC requesting the map on a time and materials basis for all work performed by the Telephone Company in connection with creating the map. Within 15 business days of receipt of the TC's written request, and before undertaking any work to create the map, the Telephone Company will provide the TC with a written estimate of the time and cost associated with creating the map. The Telephone Company will provide the to create the map only upon receipt of the TC's written authorization and full payment of the estimated charges. Upon completion of the work to create a map, the Telephone Company will provide the TC with a final statement of the total costs incurred to perform the work and either issue a bill or provide a credit for the difference between the estimated and actual costs.	
3.	If another TC submits a written request for a fiber layout map for the same wire center, the Telephone Company will provide the map to the other TC subject to the same non-disclosure agreement. The Telephone Company will charge the TC requesting the map on a time and materials basis for all work performed by the Telephone Company to reproduce and update the map. Before undertaking any work to reproduce and update the map, the Telephone Company will provide the TC with a written estimate of the time and cost associated with providing the map. The Telephone Company will proceed with the work to reproduce and update the map only upon receipt of the TC's written authorization and full payment.	(T)

17.1.	5 Optional Engineering Services	(п
C.	Field Survey At the option of the TC, the TC may request a field survey in order to verify the availability of dark fiber pairs and that such pairs are not defective or have not been used by the 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. The TC will be charged time and materials for the field survey.	
D.	Testing After a dark fiber circuit is provisioned the TC may request testing of the dark fiber circuit to determine actual transmission characteristics. If the TC subsequently determines that the dark fiber circuit provided by the Telephone Company is not suitable, it must submit a request to disconnect the dark fiber circuit. The TC will be charged time and materials for the testing.	(0
E.	Cleaning Connectors A TC may request that the Telephone Company clean the connectors on an unbundled dark fiber network element in order to remove non-embedded contaminants. The TC will be charged time and materials for all work performed related to cleaning connectors.	1)
F.	Retrofitting Connectors A TC may request that the Telephone company retrofit older connectors on an unbundled network element with the Telephone Company's currently approved connectors in order to try to improve the transmission characteristics of the network element. The Telephone Company will not retrofit older connectors if there is a risk of disrupting existing fiber optic services on the same ribbon (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 requesting TC will be charged time and materials to retrofit every connector on a ribbon and for all work performed related thereto, regardless of who uses the individual strands.	

Unbundled Dark Fiber Responsibility of the TC

17.3	1 Description	
Α.	The TC assumes all risks of ordering dark fiber based solely on the Telephone Company's cable records review including, but not limited to, service order charges and/or cancellation charges if it is subsequently determined that dark fiber is not available.	
В.	The TC is responsible for determining whether the transmission characteristics of the dark fiber provided by the Telephone Company will accommodate its requirements.	
C.	The TC is responsible for obtaining all rights of way, conduit, duct and pole space required for the CLEC-provided cable.	
D.	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
E.	Establishment of applicable fiber optic transmission equipment or intermediate repeaters needed to power unbundled dark fiber in order to transmit information is the responsibility of the TC.	
F.	The TC assumes all risks associated with the unforeseen introduction of future splices on dark fiber.	
G.	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.	(C (C
Н.	The TC is responsible for ensuring that appropriate cross connects and POT bay terminations are in place prior to submitting an order for unbundled dark fiber.	(C (C
Ι.	The TC accepts the environmental risks inherent in outside plant construction.	
J.	Upon notification by the Telephone Company, the TC must also agree to cooperate with the Telephone Company for normal cable maintenance activity (e.g., cable rearrangements, etc.).	

17. Unbundled Dark Fiber17.4 Regulations

17.4	.1 Reserving Fiber Pairs	
Α.	The Telephone Company will only reserve fiber pairs for known future growth. However, where the Telephone Company has received a specific order for fiber-related service from a given customer,	1 ` I '
	the fiber will be reserved for that customer.	(Ċ)

17.4.	2 Maintenance Spares
Α.	In order to maintain network survivability and reliability of the Telephone Company network, the Telephone Company reserves the right to designate up to five percent of fibers in a sheath with a minimum of two fibers in cables with twelve to twenty-four fibers and no more than twelve fibers in larger fiber cables as maintenance spares. These maintenance spares are not available for dark fiber.

1. If the Telephone Company denies a request for dark fiber and has reserved fibers in excess of these amounts for its own business needs, the Telephone Company shall inform the TC of its doing so, and the reasons therefore. The dispute resolution procedures set forth in this tariff will govern any ensuing disagreement between the TC and the Telephone Company.

17.4.	3 Billing of Rates and Charges	
А.	The Telephone Company will commence billing applicable NRCs and monthly rates for unbundled dark fiber upon completion of the service order on the requested due date.	
В.	Mileage will be measured using the V&H coordinates method between the two locations as set forth in the NECA Tariff FCC No. 4. Any fractional unit will be rounded up to the next higher unit before applying rates.	(
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17.4.	4 Request for Service Date Change	

A. The TC may submit to the Carrier Account Team Center (CATC) a written supplement to the original ASR requesting a change of service date for the unbundled dark fiber request, but the new service date may not exceed the original service date by more than thirty calendar days. The TC will be billed a service date change charge (NRC) to delay the start of service.

If the TC's requested service date is more than thirty calendar days after the original service date, or if the TC is unable to accept the unbundled dark fiber within thirty calendar days of the original service date, the TC's order for unbundled dark fiber will be cancelled by the CATC representative on the thirty-first day and cancellation charges will apply. In addition, the pairs requested on the cancelled order(s) will not be reserved for the TC and will be returned to available inventory.

(C)

Unbundled Dark Fiber Application of Rates and Charges

17.5.	1 Non Recurring Charges] (
Α.	Non Recurring Charges	Ì
1.	A Service Order charge applies, per service order, as set forth in Part A, Section 3.3.2.	
2.	The Record Review charge applies per request, as set forth in Part B Section 17.1.3.B.	
3.	The Service Date Change charge applies, per fiber pair, when the TC requests a change of due date, as set forth in Part A, Section 3.3.2 following. The new due date may not exceed the original due date by more than 30 calendar day.	
4.	The Service Connection- CO Wiring charge applies per fiber pair, as set forth in Part A, Section 3.3.2.	
5	The Service Connection- Other charge applies per fiber pair, as set forth in Part A, Section 3.3.2.	
6.	The Installation Dispatch charge may apply in limited cases as described in Part A, Section	
7.	3.3.2.A.6. The intermediate office charge applies per pair per intermediate office as set forth in Part M Section 2.16.1.	
8.	The cable documentation charge applies per request to reimburse the Telephone Company for the cost incurred in providing the TC with the documentation described in Part B, Section 17.1.3.C.	
47.5		1
17.5.		(
Α.	The Dark Fiber IOF Mileage rate applies on a per 1/10 mile basis, per fiber pair, when IOF dark fiber is between two Telephone Company offices as set forth in Part M, Section 2. A minimum of one mile applies.	
В.	The Dark Fiber Loop rates apply on a fixed and a per 1/10 mile basis, per fiber pair, as set forth in Part M, Section 2 following. The Loop fixed rate will be applied on a deaveraged basis. The amount billed will be the resulting mileage charge as calculated in Section 17.4.3.B plus the corresponding fixed rate. A minimum of 1/10 mile applies. The Serving Wire Center rate applies, per fiber pair, for each end originating or terminating at a Telephone Company office as set forth in Part M, Section 2.	
C.	The Dark Fiber Channel Termination rate applies on a fixed and per 1/10 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 Part M, Section 2 following. The amount billed will be the resulting mileage charge as calculated in Section 17.4.3.B plus the fixed rate. A minimum of 1/10 mile applies.	
D.	The Serving Wire Center rate applies, per fiber pair, for each end originating or terminating at a Telephone Company office as set forth in Part M, Section 2 following.	
E.	The intermediate office rate applies per fiber pair, per intermediate office to recover the capital cost, installation and maintenance of the FDF and the fiber jumpers at an intermediate office.	(

Unbundled Dark Fiber Application of Rates and Charges

17.5.	3 Time and Materials	
Α.	Time and Materials rates and charges apply as follows.	(X)
1.	When a TC requests a new serving wire center fiber layout map or an update to or copy of an existing fiber layout map (per DTE Phase 4N Order).	(C)
2. 3. 4.	When a TC requests a field survey. When a TC requests testing.	(D)
5. 6.	When a TC requests connectors to be cleaned. When a TC requests connectors to be retrofitted.	(C) (N)
7.	When the Telephone Company performs a splice or related work.	(T)(X)
В.		(D) (D)

17.5.4	Collocation Charges
A. Colle	ocation SAC or IAC charges, as appropriate, will also apply (refer to Part E).

Access to Distribution Sub-loops (USLA) General

18.1.3 Responsibility of the TC	
D.	When the TC is collocated at the RTEE pursuant to Part E, Section 11, the TC may install a cross- connect panel in the RTEE.
E.	The TC will request the cross connection of Telephone Company distribution sub-loop elements from the Telephone Company. Installation of sub-loops may occur as part of a conversion from Telephone Company retail service or as part of the installation of new service to an end user.
F.	Cross wires within the TC's network interconnect arrangement equipment will be run by the TC. The TC will have assignment responsibilities for the pairs in the interconnect cable.

18.1.	18.1.4 Responsibility of the Telephone Company	
Α.	The Telephone Company will place an interconnect cable between the Telephone Company FDI and the TC's cross-connect panel or similar structure.	
В.	The Telephone Company will work cooperatively with the TC to provide any supporting structure on the Telephone Company right of way or easement.	
C.	The Telephone Company's service responsibility ends at the Telephone Company's side of the TC's cross-connect panel.	

18.1.	5 Application of Rates and Charges	
Α.	Network Interconnect Arrangement	
1.	Application Fee— NRC applies per application submitted for USLA/Network Interconnect Arrangement.	
2.	FDI Serving Address Inquiry— Applies per request.	
3.	Preliminary Engineering Records Review— Applies per request.	
4.	Placement of Interconnect Cable and Associated Activities — NRC applies when a TC proceeds with work order for USLA. Charge will be determined on an individual case basis.	
В.	The following NRCs apply.	
1.	Service Order Charge – applies on a standard basis on an expedited basis, as appropriate.	(T)
2.	Service Connection-Other – applies on an initial and per each additional basis, and also on a standard basis or an expedited basis, as appropriate).	(C
3.	Manual Intervention Surcharge – applies on a standard basis on an expedited basis, as appropriate.	(Т

Access to Distribution Sub-loops (USLA) General

18.1.	5 Application of Rates and Charges	
C.	The following NRCs apply as appropriate (refer to Part A, Section 3.3).	
1.	Customer Misdirect-In – applies on a standard or expedite basis, as appropriate.	(0
2.	Customer Misdirect-Out - applies on a standard or expedite basis, as appropriate.	(0
3.	Customer Not Ready-In - applies on a standard or expedite basis, as appropriate.	(0
4.	Dispatch Out of Hours	
D.	Monthly Rates	
1.	Geographically deaveraged monthly rates apply per 2-wire and 4-wire sub-loop.	
2.	OSS Charges—Apply per subloop with line sharing or line splitting line, effective April 1, 2001, on	(C
	a recurring monthly basis to recover enhancements to and maintenance of the Telephone Company's operation support system necessary to support line sharing and line splitting.	(C

Line Sharing Application of Rates and Charges

19.2.	1 NRCs	
Α.	The following NRCs apply as appropriate (refer to Part A, Section 3.3).	
1.	Service Order—applies on a standard basis or an expedited basis, as appropriate.	(N)
2.	Service Connection-Central Office Wiring—on each link ordered, an initial and additional NRC applies for line sharing on a per termination basis. Also applies on a standard basis or an expedited basis, as appropriate.	(C)
3.	Service Connection-Other —on each link ordered, an initial and additional NRC applies for line sharing on a per termination basis. Also applies on a standard basis or an expedited basis, as appropriate.	(C)
4.	Manual Intervention Surcharges—applies on a standard basis or an expedited basis, as appropriate.	(C)
5.	Installation Dispatch Out— may apply in limited cases as described in Part A, Section 3.3.2.A6.	(C)
6.	Customer Misdirect-In—applies on a standard basis or an expedited basis, as appropriate.	(T)
7.	Customer Misdirect-Out—applies on a standard basis or an expedited basis, as appropriate.	(T)
8.	Customer Not Ready-In—applies on a standard basis or an expedited basis, as appropriate.	(T)
9.	Dispatch Out-Out of Hours	(T)
10.	Pair Swap - applies when a copper facility is freed up for data service (i.e., line sharing).	(C)
11.	Joint Meet Testing	(T)
12.		(D)
В.	Customer Misdirect-In — Applies when the Telephone Company removes a TC's advanced data service pursuant to Section 19.1.5.	

19.2.2 Monthly Rates

 A.
 OSS Charges—Apply per line sharing or line splitting line on a recurring monthly basis, effective
 (C)

 April 1, 2001, to recover enhancements and maintenance of the Telephone Company's operation support system necessary to support line sharing and line splitting.
 (C)

19.2.	3 Additional Labor Charges
Α.	Additional labor charges include but are not limited to the following examples.
1.	Dispatch Out

19.2.	4 Other	
Α.	Wideband Test Access Monthly Rate — Applies per line, when the TC elects this option.	
В.	xDSL qualified and digital designed link rates and charges, as appropriate, will apply (refer to Part B, Section 5.4).	
C.	Splitter arrangement rates and charges will apply (refer to Part E, Section 2.6, 3.5, 6.4, or 9.4).	(C)
D.	UNE P NRC's and Monthly rates and charges will apply to line sharing arrangements.	(N)

20. Access to Feeder Sub-Loops20.1 General

20.1	1 Description
Α.	A feeder sub-loop provides a dedicated DS1 or DS3 two-point transmission path over a feeder facility in the Telephone Company's network between a Telephone Company end dfice and the feeder distribution interface (FDI) or its functional equivalent.
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).
В.	A feeder sub-loop conditioned for 1.544 Mbps is called a DS1 feeder sub-loop when it is terminated at the CLEC's collocation presence in the Telephone Company central office where the end user is served.
1.	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.
C.	A feeder sub-loop conditioned for 44.736 Mbps is called a DS3 feeder sub-loop when it is terminated at the CLEC's collocation presence in the Telephone Company central office where the end user is served.
1.	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.
2.	For DS3 feeder sub-loops, the CLEC's end user's equipment must comply with the jitter mask for a DS3 signal in both transmit and receive directions as specified in ANSI T1.102.
D.	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.
E.	Feeder sub-loops which are furnished on a full time basis are available on a two-point basis.

20.1.2 Ordering Service	
A. To be eligible for access to a feeder sub-loop, a Telephone Company end office where the feed in the RTEE where the feeder sub-loop termina	der sub-loop originates and a CRTEE arrangement

20. Access to Feeder Sub-Loops20.1 General

20.1	.3 Responsibility of the CLEC
А.	The CLEC shall have the sole responsibility for identifying to the Telephone Company where a feeder sub-loop should be connected to a CLEC collocation arrangement.
В.	The CLEC is responsible for trouble isolation for feeder sub-loop facilities and providing the Telephone Company with appropriate dispatch information based on its test results.
1.	The CLEC may not rearrange, disconnect, remove or attempt to repair any equipment installed by the Telephone Company without prior written consent of the Telephone Company.

20.1.4 Responsibility of the Telephone Company		
Α.	The Telephone Company is responsible for maintenance and repair of only those facilities which it furnishes hereunder.	
В.	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.	
20.1.	20.1.5 Application of Rates and Charges	
Α.	The following NRCs apply (refer to Part A, Section 3.3).	
1.	Service Order – applies on a standard basis or an expedited basis, as appropriate.	

- **2.** Service Connection-Central Office Wiring applies on an initial and per each additional basis, and (C) on a standard basis or an expedited basis, as appropriate.
- **3.** Service Connection-Other – applies on an initial and per each additional basis, and on a standard (C) basis or an expedited basis, as appropriate
- **4.** Manual Intervention Surcharges applies on a standard basis or an expedited basis, as (T) appropriate.
- **5.** Installation Dispatch Out may apply in limited cases as described in Part A, Section 3.3.2.A..6.
- **6.** Customer Misdirect-In applies on a standard basis or an expedited basis, as appropriate.
- 7. Customer Misdirect-Out applies on a standard basis or an expedited basis, as appropriate.
- 8. Customer Not Ready-Out applies on a standard basis or an expedited basis, as appropriate. (C)
- 9. Dispatch Out of Hours

(C)

(C)

(C)

21. Unbundled Sub-Loop Arrangements-Other21.1 General

21.1	21.1.1 Description	
Α.	The Telephone Company will provide, upon request and consistent with FCC requirements, access to unbundled sub-loop elements other than distribution cable (refer to Part B, Section 18), feeder cable (refer to Part B, Section 20), NIDs or House and Riser (refer to Part B, Section 12) at points in its outside plant to the extent it is technically feasible to access such points.	
В.	USLA–Other provides access to portions of Telephone Company loops that are technically feasible to access at terminals in the Telephone Company's outside plant without removing a splice case to access the wire or fiber within a cable. Such accessible points would include a technically feasible point near the customer premises, such as the pole or pedestal, the point of interconnection between the drop and distribution cable, or the minimum point of entry to the customer premises.	
C.	USLA-Other will be made available subject to the terms, conditions and limitations of this tariff.	

21.1.	2 Application of Rates and Charges	
Α.	Monthly Rates and Charges	
1.	Monthly rates and charges will be determined on an individual case basis for each sub-loop element provided.	
В.	NRCs	
1.	In the event that the CLEC requests an expedited provisioning and/or that manual intervention is required, the appropriate expedite and/or manual intervention surcharges apply.	
2.	The following NRCs also apply as appropriate (refer to Part A, Section 3).	
a.	Installation Dispatch Out - may apply in limited cases as described in Part A, Section 3.3.2.A6.	(C)
b.	Customer Misdirect-In - applies on a standard basis or an expedited basis, as appropriate	(Ç)
c.	Customer Misdirect-Out - applies on a standard basis or an expedited basis, as appropriate	
d.	Customer Not Ready-In - applies on a standard basis or an expedited basis, as appropriate	
e.	Customer Not Ready-Out - applies on a standard basis or an expedited basis, as appropriate	(Ċ)
f.	Dispatch Out of Hours	

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22.Line Splitting22.1General

22.1.	2 Ordering Service
В.	If conditioning is required to make a loop capable of supporting a line splitting arrangement, the Telephone Company will provide digital designed links as described in Part B, Section 5.4.1.
1.	The Telephone Company will condition any requested loop unless such conditioning will significantly degrade, as defined in the FCC's CFR Part 47, Section 51.233, the voiceband service being provided. In such cases, the Telephone Company will either locate another loop that can be conditioned, migrate the voiceband service to that loop and provide the DLEC with access to the high frequency portion of that loop; or demonstrate to the DTE that the original loop cannot be conditioned without significantly degrading the voiceband services on that loop and that there is no alternative loop available that can be conditioned or to which the customer's voiceband service can moved, consistent with the FCC's CFR Part 47, Section 51.319(h)(5)
C.	In order for a loop to be eligible for line splitting, the following condition must be satisfied for the duration of the line splitting arrangement.
1.	The loop must be an xDSL compatible copper loop that is presumed to be acceptable for split line deployment in accordance with FCC rules.
2.	The VLEC must be providing simultaneous circuit-switched analog voice grade service to the customer served by the loop in question.
3.	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.
4.	The xDSL technology to be deployed by the DLEC on that loop must not significantly degrade, as defined in the FCC's CFR Part 47, Section 51.233, the performance of other services provided on the loop or interfere with the operation of other services in the same or adjacent binder groups.
a.	Binder groups are copper pairs bundled together, generally in groups of 25, 50 or 100.
D.	The VLEC and the DLEC must have a mutually agreed upon business arrangement prior to submitting an order for line splitting. 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.
E.	Splitter arrangements must be installed prior to submitting an order for line splitting (refer to Part E, Section 2.5 or 3.4).
F.	Where data is added to an existing UNE-P arrangement, the DLEC will submit the LSR using their own AECN and also populate LSP authorization field with the AECN of their partnering VLEC.

22.Line Splitting22.1General

22.1.	6 Repair and Maintenance) (Ņ
A.	Either the VL:EC or the DLEC may issue a trouble ticket indicating that the trouble has been isolated to the voice grade service or the data service. The VLEC and the DLEC will have joint responsibility to educate their end user customer regarding which service provider should be called for problems with their respective voice or 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.	
В.	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 the test.	
C.	In the even that the parties dispute the cause or source of a trouble on a line split loop, the DLEC may request, and the Telephone Company will agree, to a joint technician meeting at the main distribution frame serving that loop, to perform testing on the loop. This joint meeting will occur within 24 hours of the request being made to the appropriate service center in the Telephone Company. The testing will follow routine procedures for clearing and isolating troubles and will employ handheld testing devices selected, provided, and operated by the TC. Such testing will involve gaining intrusive access to the line split loop to be tested (at one or more appearances on the main distribution frame or other distributing frames in the central office upon which the line split loop appears) and connecting the hand-held testing devices thereto. Within 15 minutes of the meeting time agreed between the parties, the TC shall have permission to begin testing on the main distribution frame.	
1.	In order for the parties to have a good faith dispute about the cause or a source of a trouble on a line split loop, the parties need only disagree about the cause or source of a trouble on a line split loop. Nevertheless, to the extent that either party has facilities in place to conduct any other form of testing of the line split loop, it must present whatever findings it has from that testing to the other party at the time of the meeting at the main distribution frame or within 24 hours thereof.	(N

22. **Line Splitting Application of Rates and Charges** 22.2

22.2.	1 NRCs	
Α.	The following NRCs apply to the VLEC as appropriate (refer to Part A, Section 3.3).	
1.	Service Order – applies on a standard basis or an expedited basis, as appropriate.	(T)
2.	Service Connection-Central Office Wiring —applies on an initial link and per each additional link NRC to each link arranged for line splitting on a per termination basis., and also applies on a standard basis or an expedited basis, as appropriate.	(C)
3.	Service Connection-Other - applies on an initial link and per each additional link NRC to each link arranged for line splitting on a per termination basis., and also applies on a standard basis or an expedited basis, as appropriate.	(C)
4.	Manual Intervention Surcharges (on a standard basis or an expedited basis, as appropriate).	
5.	Installation Dispatch Out - may apply in limited cases as described in Part A, Section 3.3.2.A6.	(C)
6.	Customer Misdirect-In	
7.	Customer Misdirect-Out	
8.	Customer Not Ready-In	
9.	Dispatch Out-Out of Hours	
10.	Joint Meet Testing	

Monthly Rates Α. OSS Charges-Apply per line sharing or line splitting line on a recurring monthly basis, effective (Ç) April 1, 2001, to recover enhancements to and maintenance of the Telephone Company's operation support system necessary to support line sharing and line splitting. (C)

22.2.	3 Other	
Α.	Wideband Test Access Monthly Rate — Applies per line, when the DLEC elects this option.	
В.	XDSL qualified and digital designed link rates and charges, as appropriate, will apply to the VLEC (refer to Part B, Section 5.4).	
C.	Splitter arrangement rates and charges will apply and be billed to the DLEC (refer to Part E, Section 2.6, 3.5, 6.4, or 9.4)	(Т)

22.2.2