12. Line Sharing
12.1 General

Rates and charges for service explained herein are contained in Part M, Section 2.12.

12.1.1	Description
A.	A TC may request a line sharing arrangement for nondiscriminatory access to the high frequency portion of an existing copper loop for its own use. The Telephone Company provides and continues to provide analog circuit-switched voice grade services over the same copper loop.
1.	The high frequency portion of a loop is the frequency range above the voiceband on a copper facility that is being used to carry analog circuit-switched voiceband transmissions.
B.	The xDSL technology used by the TC for line sharing may include any version that conforms to the FCC's Code of Federal Regulations (CFR) Part 47, Section 51.230 and applicable ANSI standards.
C.	Access to line sharing is provided through collocation arrangements.

12.1.2	Ordering Service
A.	**Pre-ordering—** A loop must first be pre-qualified, as described in Part B, Section 5.4.2, to determine whether the loop meets the technical characteristics of a link able to support an xDSL-based service that conforms to the FCC's CFR Part 47, Section 51.230.
B.	If conditioning is required to make a loop capable of supporting a line sharing 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 to the Telephone Company's end user customer over that same loop. 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 TC with access to the high frequency portion of that loop; or demonstrate to the PUC 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 be 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 sharing, the following conditions must be satisfied for the duration of the line sharing arrangement.
1.	The loop must be an xDSL compatible copper loop that is presumed to be acceptable for shared line deployment in accordance with FCC rules.

12. Line Sharing
12.1 General

12.1.2	Ordering Service
C.	(Continued)
2.	The Telephone Company must be providing simultaneous circuit-switched analog voice grade service to the customer served by the loop in question.
3.	The Telephone Company's end user customer's dial tone must originate from a Telephone Company end office switch in the wire center where the line sharing arrangement is being requested.
4.	The xDSL technology to be deployed by the TC on that loop must not significantly degrade, as defined in the FCC's CFR Part 47, Section 51.233, the performance of other services provided on that 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.	Splitter arrangements must be installed prior to submitting an order for line sharing (refer to Part E, Section 2.5 or 3.4).

12.1.3	Regulations	
A.	The Telephone Company and the TC will follow agreed upon standards and employ methods of operation that will not interfere with or impair the service or any facilities of the other or any third parties connected with or involved directly in the network of the other.	
1.	Where suitable facilities exist, the Telephone Company will perform a pair swap of a loop from fiber to copper on the TC's behalf, provided that such swaps do not impair the service of any third parties involved. The Telephone Company will not be held responsible for any interruption in, or impairments of, service to any party as a result of this activity.	
B.	The TC will work cooperatively with the Telephone Company in connection with the Telephone Company's effort to provide highly reliable voice grade local exchange service to its end user customer. Such cooperation will extend to a variety of possible matters, including but not limited to the following examples.	
1.	Handling trouble reports	
2.	Maintaining voice access to 911	(C)
3.	Alarm conditions	
4.	Maintaining database accuracy	
5.	Dispatch to coordinate access and testing	
6.	7 x 24 availability for emergency situations	
7.	Notification of service failures	

12. Line Sharing
12.1 General

12.1.3	Regulations
C.	**Technical Specifications—** The xDSL technology used by the TC for line sharing arrangements must operate within the power spectral density limits set forth in T1.413.1998 (ADSL), T1.419–200 (Splitterless ADSL) or TR59–1999 (RADSL) and multiple virtual line (a proprietary technology) within the power spectral density limits of T1.601–1998 and within the transmit power spectral density limits of T1.601–1998.
D.	The Telephone Company and the TC will have joint responsibility to educate its end user customer regarding which service provider should be called for problems with their respective voice or advanced data service offerings.
E.	The Telephone Company and the TC will work together to address customer initiated repair requests and to minimize adverse impacts to the customer.
F.	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 TC will utilize the circuit number to initiate a test.

12.1.4	Responsibility of the TC
A.	The TC must provide an ANSI approved splitter at the wire center as described in Part E, Section 2.5 or 3.4.
B.	The TC must provide its own DSLAM equipment in a collocation arrangement and any necessary CPE for the xDSL service it intends to provide (including CPE splitters, filters, and/or other equipment necessary for the end user to receive separate voice and advanced data services across the shared loop).
C.	The TC must notify the Telephone Company's voice customer that a disruption of the customer's voice grade service may occur during the provisioning, trouble isolation or repair of the TC's advanced data service over a line sharing arrangement. The TC must obtain concurrence and acknowledgment from the customer.
D.	The TC must provide the Telephone Company with information regarding the type of xDSL technology that it deploys on each shared loop. The TC must notify the Telephone Company of any proposed change in technology on a shared loop in order for the Telephone Company to update loop records and anticipate effects that the change may have on the voice grade service and other loops in the same or adjacent binder groups.
E.	The TC shall attempt to notify the Telephone Company's end user customer prior to initiating any activity such as wiring or testing on a shared loop that may disrupt or interfere with the customer's voice grade service.

12. Line Sharing
12.1 General

12.1.5	Repair and Maintenance
A.	The TC will be responsible for repairing advanced data services it offers over the line sharing arrangement. The Telephone Company will retain primary responsibility for voice band trouble tickets, including repairing analog voice grade services and the physical line between the loop demarcation point at the end user customer premises and the point of demarcation in the central office.
B.	When the Telephone Company provides inside wire maintenance services to the customer, the Telephone Company will only be responsible for testing and repairing the inside wire for the voice grade services. The Telephone Company will not test, repair, or upgrade inside wire to clear trouble calls associated with the TC's advanced data services.
C.	Before issuing a trouble ticket to the Telephone Company, the TC shall validate whether the customer's trouble arises from the TC's advanced data service. If the trouble is isolated to the analog voice grade service provided by the Telephone Company, a trouble ticket may be issued to the Telephone Company.
D.	If a customer reports a trouble on its voice grade service and the Telephone Company determines the cause arises from the TC's advanced data services equipment, including but not limited to splitter problems or TC activities, the Telephone Company will take the following action.
1.	**Step 1—** Notify the TC and request to test and correct, if applicable, the trouble on its advanced data service. The Telephone Company will allow the TC a reasonable opportunity to correct the problem.
2.	**Step 2—** When the degradation asserted under this section remains unresolved by the TC after a reasonable opportunity to correct the problem and the end user customer's service is degraded such that the end user customer cannot originate or receive voice grade calls or encounters unacceptable transmission, the Telephone Company will advise the PUC that a particular technology deployment is causing the significant degradation, provide specific and verifiable information to support its assertion and request authorization to remove the TC's data service, if necessary to restore the end user's voiceband service.

12. Line Sharing
12.1 General

12.1.5	Repair and Maintenance
E.	In the event that the parties dispute the cause or source of a trouble on a line shared loop, the TC 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 hand-held testing devices selected, provided, and operated by the TC. Such testing will involve gaining intrusive access to the line shared 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 shared 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 source of a trouble on a line shared loop, the parties need only disagree about the cause or source of a trouble on a line shared loop. Nevertheless, to the extent that either party has facilities in place to conduct any other form of testing of the line shared 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.

12.1.6	Line Sharing Arrangements and Triennial Review Order of 2003	(N)
A.	Notwithstanding anything set forth elsewhere in this tariff, an existing Line Sharing arrangement over a copper Loop or Subloop will be grandfathered at existing rates provided the TC began providing xDSL service to its end user customer using Line Sharing over that Loop or Subloop prior to October 2, 2003, and only so long as the TC has not ceased providing xDSL service to that end user customer over that Loop or Subloop at that location. The Telephone Company shall not provision new Line Sharing arrangements pursuant to this tariff. As and to the extent required by applicable law, the Telephone Company shall provide new Line Sharing arrangements on a transitional basis pursuant to terms offered by the Telephone Company in a separate agreement subject to FCC-prescribed pricing rules.	(N)

12. Line Sharing
12.2 Application of Rates and Charges

12.2.1	NRCs
A.	The following NRCs apply as appropriate (refer to Part A, Section 3).
1.	**Service Order**
2.	**Service Connection-Central Office Wiring—** A First Link and an Additional Link NRC applies to each link arranged for line sharing on a per termination basis.
3.	**Service Connection-Other**
4.	**Manual Intervention Surcharges** (on a standard basis or an expedited basis, as appropriate)
5.	**Installation Dispatch Out** (on a standard basis or an expedited basis, as appropriate)
6.	**Customer Misdirect-In** (on a standard basis or an expedited basis, as appropriate)
7.	**Customer Misdirect-Out** (on a standard basis or an expedited basis, as appropriate)
8.	**Customer Not Ready-In**
9.	**Dispatch Out-Out of Hours**
10.	**Pair Swap**
11.	**Joint Meet Testing**
B.	**Customer Misdirect-In—** Applies when the Telephone Company removes a TC's advanced data service pursuant to Section 12.1.5.

12.2.2	Additional Labor Charges
A.	Additional labor charges include but are not limited to the following examples.
1.	**Dispatch Out**

12.2.3	Other
A.	**Wideband Test Access Monthly Rate—** Applies per line, when the TC elects this option.
B.	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 2.5 or 3.4).