

LINE SPLITTING ARRANGEMENT

(C)

A. GENERAL

1. Line Splitting is an arrangement in which the Telephone Company facilitates one or more CLECs to provide both voice and data service over the same unbundled analog copper loop (ADSL) with the Voice CLEC (VLEC) providing analog circuit switched voice grade service on the lower frequency and the Data CLEC (DLEC) providing data service on the high frequency portion of a copper loop. The VLEC and DLEC must have a business arrangement since the voice CLEC is recognized as the owner of the line.
2. Access to Line Splitting is provided through collocation arrangements.
3. Definitions

"Binder or Binder Groups" means copper pairs bundled together, generally in groups of 25, 50 or 100.

"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.

4. Availability of Line Splitting

Beginning on October 28, 2001, the Telephone Company will facilitate the ability of a DLEC to add DSL to an existing UNE-P arrangement. The addition of data will trigger the conversion of the UNE-P to a 2 wire line split loop (i.e., UNE ADSL compatible loop) and a UNE analog end office switch port. The Telephone Company will also facilitate migration of an existing line sharing arrangement to a line splitting arrangement while retaining the same DSL service on the line. When the Telephone Company voice customer with line sharing migrates to a VLEC and wishes to retain the same DLEC for data service and the same central office wiring configuration, the VLEC will submit the LSR using their AECN and also populate the LSp authorization field with the AECN of the DLEC. Other migration scenarios will be available in 2002 in accordance with industry collaboratives.

B. REGULATIONS

1. Restrictions on Availability of Line Splitting Arrangement

- a. In order for a loop to be eligible for Line Splitting, the following conditions 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 shared line deployment in accordance with FCC rules.
 - (2) The Voice CLEC must be providing simultaneous circuit-switched analog voice grade service to the end user customer served by the loop in question.

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B. REGULATIONS (Cont'd)

1. Restrictions on Availability of Line Splitting Arrangement (Cont'd)

a. (Cont'd)

- (3) The Voice CLEC 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 TC on that loop must not degrade the performance of other services provided on that loop or interfere with the operation of other services in the same or adjacent binder groups.

2. Obligations of the TC

- a. The TC must provide an ANSI approved splitter at the wire center as described in the Pa. P.U.C. No. 218 Tariff. The TC may share a splitter with other TC's. If such an arrangement exists, Verizon will bill all splitter charges to the owner of the splitter.
- 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 VLEC is responsible for installation of the line before data can be added.
- d. The TC may only access the high frequency portion of a loop in a Line Splitting arrangement through an established collocation arrangement at the Telephone Company serving wire center that contains the end office switch through which voice grade service is provided to the Voice CLEC end user customer.
- e. The VLEC and DLEC are responsible to cross reference the telephone number and circuit ID of the line splitting arrangement.
- f. The TC must provide the Telephone Company with information regarding the type of xDSL technology that it deploys on each shared loop. The TC must notify the Telephone Company of any proposed change in technology on a shared loop in order for the Telephone Company to update loop records and take action if the TC's change affects the voice grade service and other loops in the same or adjacent binder groups.

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B. REGULATIONS (Cont'd)

2. Obligations of the TC (Cont'd)

- g. The TCs will work cooperatively with the Telephone Company in connection with an effort to provide highly reliable service. Such cooperation will extend to a variety of possible matters, including but not limited to:
- Handling trouble resolutions
 - Maintaining voice access to 911/E911
 - Alarm condition
 - Maintaining database accuracy
 - Dispatch to coordinate access and testing
 - 7 by 24 availability for emergency situations
 - Notification of service failures
- h. The TCs will be responsible for following the agreed upon standards and to employ methods of operation that will not interfere with or impair the service or any facilities of the other or any third parties connected with or involved directly in the network of the other.

3. Obligations of the Telephone Company

- a. The Telephone Company will not assume responsibility for any default or non-performance by one TC participating in a line splitting arrangement with respect to an obligation owed to the other TC, nor will it indemnify the other TC for such default or non-performance.
- b. The Telephone Company will not assume any responsibility for continuing a line splitting arrangement, or for finding an alternative line splitting partner, if one of the two TCs withdraws from the arrangement (whether voluntarily, or because the end user customer does not wish to continue receiving service from that TC, or because the Telephone Company discontinued providing service to that TC by reason of the TC's default under this tariff.
- c. The Telephone Company has no responsibility to the end user with respect to the quality of service provided by either the VLEC or DLEC.

4. Ordering Procedures

- a. Prior to ordering a Line Splitting arrangement, the loop must first be pre-qualified to determine if it is xDSL compatible and that 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. The mechanized and manual loop qualification processes described in sections preceding will apply.

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B. REGULATIONS (Cont'd)

4. Ordering Procedures (Cont'd)

- b. If conditioning is required to make a loop capable of supporting a Line Splitting arrangement, the Telephone Company will provide conditioning as described in sections preceding. The Digital Design Link nonrecurring charges as set forth in sections preceding will apply. The Telephone Company will not provide loop conditioning if such conditioning is likely to degrade the voice-grade service being provided to the end user customer over that same loop.
- c. The TC must provide all required information on the application when a Line Splitting arrangement is ordered. Collocation augments required, either at the POT Bay, Collocation node, or for splitter placement must be ordered as described in the Pa. P.U.C. No. 218 Tariff. Splitter arrangements must be installed prior to submitting an order for Line Splitting.
- d. Cooperative testing will be provided as part of the installation procedure unless otherwise requested by the TC.
- e. The VLEC and 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.
- f. Splitter arrangements must be installed prior to submitting an order for line splitting.
- g. Where data is added to an existing UNE-P arrangement, the DLEC will submit the LSR using their own AECN and also populate the LSP field with the AECN of their partnering VLEC.
- h. Where a Telephone Company voice customer with line splitting migrates to a VLEC and wishes to retain the same DLEC for data services (whether the DLEC is the same or different from the VLEC), the VLEC will submit the LSR using their AECN and also populate the LSP authorization field with the AECN of their partnering DLEC.

5. Technical Specifications

Line Splitting arrangements must comply with Verizon Technical Reference 72575. The xDSL technology used by the TC for Line Splitting arrangements must operate within the Power Spectral Density (PSD) limits set forth in T1.413.1998 (ADSL), T1.419-2000 (Splitterless ADSL), or TR59-1999 (RADSL) and Multiple Virtual Line (MVL) (a proprietary technology) within the PSD limits of T1.413.1998 and within the transmit PSD limits of T1.601-1998.

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B. REGULATIONS (Cont'd)

6. Repair and Maintenance

- a. The TCs will have joint responsibility to educate their end user customer regarding which service provider should be called for problems with their respective voice or advanced data service offerings.
- b. Either the VLEC 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 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.
- c. The TC will be responsible for repairing advanced data services it offers over the Line Splitting arrangement.
- d. The TC shall attempt to notify the end user customer prior to initiating any activity such as wiring or testing on a new shared loop that may disrupt or interfere with the customer's voice grade service.
- e. The Telephone Company and the TCs will work together to address customer initiated repair requests and to minimize adverse impacts to the customer.

7. Application of Rates and Charges

Rates and Charges are set forth in C. following. Rates and Charges include recurring and nonrecurring charges for Line Splitting. Also included are rates and charges associated with the pre-qualification and ordering of the Line Splitting arrangement. The Service Order charge always applies. Wideband Test Access charges, Line and Station Transfer charges, and cooperative testing charges apply pursuant to Section 3. One Service Order charge applies per link. Rates and Charges for Manual and Mechanized Loop Qualification, Engineering Query and Engineering Work Order charges are included, when applicable pursuant to Section 3. Collocation rates and charges are set forth in the Pa. P.U.C. - No. 218 Tariff.

When a cancellation is requested after engineering and construction work for conditioning has started, the engineering work order and associated construction charges will apply.

LINE SPLITTING ARRANGEMENT

C. RATES

Line Splitting Arrangement

	<u>Nonrecurring Charges</u>	<u>Recurring Charges</u>
Line Splitting* (Conversion of Existing Line)		
Service Order - per Link	\$0.00 (D)	
Manual Intervention Surcharge - per Link	\$0.00 (D)	
Monthly OSS Recovery Charge, per link		\$0.83 (I)

* If conditioning is required, the Digital Design Link nonrecurring charges will apply as set forth in Section 5.5.2 preceding.

ISSUED SEPTEMBER 7, 2004

EFFECTIVE OCTOBER 1, 2004

In compliance with the Order of the Pennsylvania Public Utility Commission
entered July 16, 2004 in docket No. R-00016683