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## 1. REMOTE LOCAL ACCESS NETWORK SERVICES

### 1.1 DIGITAL SUBSCRIBER LINE (DSL) SERVICE

#### A SERVICE DESCRIPTION

##### 1. GENERAL DEFINITION

DSL, a modem technology, adds high-speed data capability to traditional local exchange service. This is accomplished by placing a DSL modem at each end of the local exchange Customer's local loop. Typically, one modem or Digital Subscriber Line Access Multiplexor (DSLAM) is located in the local exchange Customer's serving wire center and the other is located at the Customer's premises. The DSL modem located at the local exchange Customer's location is provided by the Customer and must be compatible with the DSLAM located in the central office. The combined DSL modems create three information channels. One channel is used for traditional voice-grade, circuit-switched applications while the other two channels are used for high-speed data communications.

The data channels derived from the central office modem or DSLAM are connected to the Utility's fast packet network as part of DSL service. Once connected to the fast packet network, the DSL end user can establish permanent virtual connections to a data service provider of their choosing (e.g. Corporate Local Area Network (LAN)) for intrastate applications.

DSL Service has two service options: Basic DSL (384 Kbps – 1.5Mbps downstream by 128Kbps upstream), Enhanced DSL (384Kbps – 1.5Mbps downstream by 128Kbps upstream OR 1.5Mbps – 6 Mbps downstream by 384Kbps upstream). Downstream refers to the speed in which data is transferred to the end user from another network while upstream refers to the speed in which data is transferred from the end-user to another network.

In addition to the recurring and non recurring charges for the local exchange voice service used in the provisioning of DSL service, nonrecurring service connection charges and monthly recurring charges apply for each DSL end-user connection. An additional non-recurring charge will be levied to the DSL Customer if the end user's local exchange loop must be "conditioned" to meet DSL specifications. Consumer protection rules California Out of Territory Guidebook Part 2, Section 2 will apply, unless specific exceptions are listed.

**1. REMOTE LOCAL ACCESS NETWORK SERVICES**

1.1 DIGITAL SUBSCRIBER LINE (DSL) SERVICE (cont'd)

A SERVICE DESCRIPTION (cont'd)

2. GENERAL REGULATIONS

- a. DSL Service, when purchased from this tariff, may not be used in connection with an interstate application. DSL Service which is used for interstate applications is provided only from the Company's interstate service offering. The interstate classification is determined by the origination and termination of the communication, including the set-up and actual transmission.
- b. The End-User will be connected to DSL Service at the same Network Interface Device employed by the Company for applicable voice service which are limited to 1MB service. (C)
- c. DSL Service provides connectivity from the End-User's local exchange service to a host computer, i.e. a corporation's internal data network via the Company's ATM Cell Relay Service.
- d. The rules and regulations specified herein for DSL Service are in addition to the applicable rules and regulations found in this and other Company Guidebooks and tariff schedules.
- e. The rates for DSL Service as found in the following section, are in addition to applicable rates and charges, rules and regulations for Customer's local exchange service as found in the California Guidebook.
- f. DSL orders can only be accepted if the line is specified and available for provisioning.
- g. If the Company has reason to believe that permitting the commencement or continuation of providing DSL in this tariff schedule is adversely affecting or would adversely affect the Company's ability to provide, complete or maintain the level of or quality of its services to its Customers, the Company may refuse to provide DSL or may discontinue providing such service.

**1. REMOTE LOCAL ACCESS NETWORK SERVICES (cont'd)**

1.1 DIGITAL SUBSCRIBER LINE (DSL) SERVICE (cont'd)

A SERVICE DESCRIPTION (cont'd)

2. GENERAL REGULATIONS (cont'd)

- h. The Customer has exclusive responsibility and control over the content, quality, and characteristics of services such as data transmittal, graphics or conversations conducted over the Customer's equipment. The Company assumes no liability for the quality, defects in, or content of those services. The Customer shall exclude from its services any matter, the dissemination of which is prohibited by law or by rules, regulations or order of any governmental agency.
- i. The Customer shall submit to the Company all advertising, sales promotion and other publicity relating to the subject matter of ADSL wherein the Company's name, signs, markings or symbols are used from which the connection of the Company's name therewith may be in the Company's judgment, reasonably inferred or implied, and further, the Customer shall not publish or use such advertising, sales promotion or publicity matter without the prior written approval of the Company.
- j. The Customer's Premise Equipment (CPE) shall be interconnected in accordance with General Conditions and applicable rates as set forth in the California Guidebook Part 8, Section 8, Connection of Customer-Premises Equipment and Systems. If the Customer violates this requirement, the Company may disconnect the Customer's services.
- k. Adjustments requested due to poor transmission quality caused by the CPE will be made at the discretion of the Company.
- l. In addition, other adjustments may be made in accordance with standard Company practices.
- m. The Customer's services may be discontinued pursuant to the procedures set forth in California Guidebook Part 2, Section 2 and Part 2, Section 4 for the Customer's failure to make full payment for the Company services provided under this Guidebook.

**1. REMOTE LOCAL ACCESS NETWORK SERVICES (cont'd)**

1.1 DIGITAL SUBSCRIBER LINE (DSL) SERVICE (cont'd)

A SERVICE DESCRIPTION (cont'd)

3. AVAILABILITY

DSL Service will be furnished only in areas where central offices are equipped to provide this service and where the Utility determines in its judgment that facilities and operating conditions permit. Service will be installed as soon as practical as determined by the Utility in its judgment.

Customers must subscribe to an AT&T California access line and AT&T Internet Services in order to be eligible for DSL service.

Terms and conditions subject to change without notice. Other restrictions may apply. DSL pricing includes GSP charges. DSL billing begins when your DSL service is activated on our network. Service may not be available in some areas due to factors associated with DSL technology such as line conditions or distance. Actual connection speeds will vary. Internet services provided by AT&T Internet Services. Other product and brand names may be trademarks or registered trademarks of their respective owners.

B. RATE REGULATIONS

1. RATE ELEMENT

- a. ADSL Arrangements are available in three (3) options and are based on the “downstream” and “upstream” speed combinations chosen by the Customer. These options are listed below:

	<u>Downstream Speed</u>	<u>Upstream Speed</u>
Basic DSL	384K-1.5M	128K
Enhanced DSL	384K-1.5M	128K
Enhanced DSL	1.5M-6M	384K

- b. Line Conditioning is available and may be required if the facility will not accommodate DSL service. This may include, but is not limited to, the removal of load coils, bridge taps and/or repeaters. A nonrecurring charge will apply per line that requires Line Conditioning. The Company does not warrant that Line Conditioning will permit the provision of DSL Service.
- c. A nonrecurring charge and a monthly rate apply per DSL arrangement. A standard service change charge will be applied per arrangement when the Customer desires to select a different option in order to change bandwidth.

1. REMOTE LOCAL ACCESS NETWORK SERVICES (cont'd)

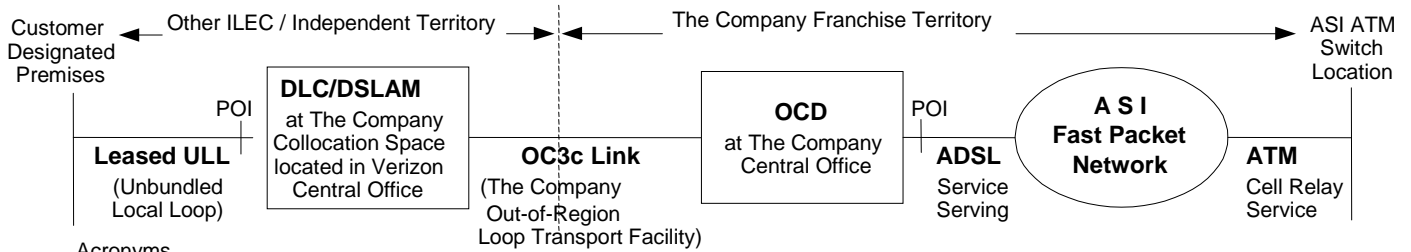
1.1 DIGITAL SUBSCRIBER LINE (DSL) SERVICE (cont'd)

B RATE REGULATIONS (cont'd)

2. RATE APPLICATION (cont'd)

The following diagram depicts a typical DSL Service configuration:

**The Company O.O.T. DSL Serving Arrangement**



Acronyms

- ADSL: Asymmetric DSL
- ATM: Asynchronous Transfer Mode
- ASI: SBC Advanced Solutions, Inc.
- DLC/DSLAM: Digital Loop Carrier's DSL Access Module
- OCD: Optical Concentration Device
- POI: Point of Interconnection to ILEC/CLEC/Independent Telco

**1. REMOTE LOCAL ACCESS NETWORK SERVICES (cont'd)**

1.1. DIGITAL SUBSCRIBER LINE (DSL) SERVICE (cont'd)

C RATES AND CHARGES

1. DSL Arrangements<sup>1</sup>

	Nonrecurring <sup>3</sup> Charge	Monthly Rate <sup>2</sup>	Equipment Charge	Activation Charge
a. Basic DSL	\$200	\$49.95	\$99.00	\$50.00
b. Enhanced DSL (384K-1.5M/128K)	\$200	\$64.95	\$99.00	\$50.00
c. Enhanced DSL (1.5M-6M/384K)	\$200	\$179.95	\$99.00	\$50.00

Movement of an existing jack, installation of new jacks  
 Repair an existing jack, inside wiring, or other problem with the DSL line at your location (premise):  
 Basic rate (Monday through Saturday, 8 am to 5 pm): \$100 for first 15 minutes of work, \$40 for each additional increment of 15 minutes of work (doesn't include price of jack)

For customers who sign up for the self-installation option and who subsequently require a technician to complete the installation, there will be a \$150 charge.

NOTE 1: Downstream / Upstream speeds. Service not available in all areas due to factors associated with DSL technology such as line conditions or distance. Actual speeds will vary. Access speed is between customer's location and the DSL-equipped Central Office or Gateway.

NOTE 2: Monthly pricing includes GSP charges. Regular voice telephone line and service not included. Other limitations apply. No other discounts apply. DSL billing will begin when we have activated your DSL service on our network. DSL Internet service is provided by SBC Internet Services. Copyright © 2001 SBC Communications Inc. All rights reserved.

NOTE 3: The \$200 Nonrecurring Charge (NRC) is for a technician installation and includes the installation of the first jack. If you need additional maintenance work on the line that is used for your DSL service, the following charges will apply:

**1. REMOTE LOCAL ACCESS NETWORK SERVICES (cont'd)**

1.1. DIGITAL SUBSCRIBER LINE (DSL) SERVICE (cont'd)

C RATES AND CHARGES (cont'd)

	Nonrecurring <u>Charge</u>	<u>USOC</u>
2. LINE CONDITIONING Per Line	\$900.00	ADW
3. CHANGE CHARGE	30.00	NWC