

PSC NO: 3 TELEPHONE  
ALLTEL New York, Inc.  
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## SECTION 11 - ADVANCED DIGITAL SERVICES

### ADVANCED DIGITAL SERVICES (ADS) BASIC RATE ACCESS (BRA)

#### 11.A.1 GENERAL (Continued)

2. D Channel - The D Channel is a 16 kbps digital signaling channel that carries signaling and control for the B Channels. The D Channel may be optionally used to transmit X.25 packet data (where available) at a maximum transmission throughput of 9.6 kbps.
- D. All ADS consist of central office facilities (including certain outside plant facilities) extended from the Telephone Company's switching equipment to the customer's demarcation point.
- E. Distance Extension Charges, as set forth in Section 11.A.6 of this tariff, will apply to customers who are within the serving central office and who are served at a transmission range where unusual expenditures are required to make the service available.
- F. Directory Numbers
  1. Primary Directory Number - Each B Channel includes a single primary telephone directory number. On a given 2B+D Advanced Digital Services line, calls are routed to the appropriate terminal device (voice telephone, computer/data terminal or packet device) based on the type of call (voice, data or packet) presented to the Advanced Digital Services line.
  2. Secondary Directory Numbers - ADS may have additional telephone directory numbers. The additional telephone number(s) may originate or receive calls independent of the user's Primary Directory Number; however, each B Channel is allowed only one simultaneous circuit connection at a time.

#### 11.A.2 CIRCUIT SWITCHING SERVICE DESCRIPTIONS

Circuit Switching is a switching arrangement in which an entire circuit or, in a digital switch equipped for ISDN, a specific selection of channels is dedicated to a given call. Circuit-Switched Service provides the ability to originate and receive circuit-switched voice and/or data calls over a 56/64 kbps B Channel. The customer may choose among the following Circuit-Switched features based upon application needs:

- A. Clear Channel Capability - A characteristic of the transmission paths on the B Channels that allows the full bandwidth of 64 kbps to be available to the customer. It is also possible to bridge two B Channels together to achieve data transmission speeds of up to 128 kbps. However, ISDN interconnection to or through non-ISDN equipped central offices will be potentially sub-rated to 56 kbps per channel.

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