

Choice One Communications of New York, Inc.
d/b/a EarthLink Business
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NETWORK INTERCONNECTION SERVICES TARIFF

SECTION 5 - LEC SWITCHED SERVICE (CONT'D.)

5.6 Interface Groups

5.6.1 General

- A. Interface groups are provided for terminating the local transport at the customer's premises. Only certain interfaces are available at the customer's premises. The premises interfaces associated with the interface groups may vary, as shown in Exhibits 6.6.2-1 and 6.6.2-2.
 - 1. Example - If a LEC specified the premises interface code of 4EA3-E, following is an explanation of the individual characters which comprise that interface code.
 - a. 4 - The number of physical wires at the LECs POT/premises
 - b. EA - Premises/POT interface for Type 1 E&M lead signaling
 - c. 3 - 900 ohms impedance level
 - d. E-LEC at POT or LEC's end user at POT originates on E lead.

5.6.2 Descriptions

- A. Interface Group 6 provides DS1 level digital transmission at the point of interface of the LEC. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths. The interface is provided with individual transmission path bit stream supervisory signaling.
- B. Interface Group 9 provides DS3 level digital transmission at the point of interface of the LEC. The interface is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 28 DS1 transmission paths or up to 672 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog termination is provided, the Telephone Company will provide multiplex channel bank equipment to derive up to 672 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching, or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format. The interface is provided with individual transmission path bit steam supervisory signaling.

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