

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.2 Telegraph Grade Service\* (Cont'd)

(D) Optional Features and Functions

(1) Telegraph Bridging (two-wire and four-wire)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package TG-		
	<u>C</u>	<u>1</u>	<u>2</u>
Telegraph Bridging	X	X	X

7.2.3 Voice Grade Service

(Cx)

(A) Basic Channel Description

A Voice Grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Voice Grade channels are provided between customer designated premises, between a customer designated premises and a Telephone Company hub or as a WATS Access Line (WAL) between a customer designated premises and a WATS Serving Office (WSO).

WAL Service is associated with the closed end of 800 Service, WATS or similar services. It is provided for use with Switched Access Service as set forth in Section 6 preceding.

WAL Service is arranged for either originating calling, terminating calling, or two way calling. It is provided with either rotary dial or dual tone multifrequency address signaling and either loop start, ground start, E&M or reverse battery supervisory signaling. The choice of signaling is at the option of the customer and subject to the technical limitations identified in the Technical Reference TR-NPL-000334.

\* Not available in the Bethel and Fairfield Wire Centers.

(Dx)  
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(Dx)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service

(Cx)

(A) Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 kbps\* or 1.544 and 3.152 isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises, between a customer designated premises and a Telephone Company hub, or Hub to Hub for Customer Network Reconfiguration at 1.544 Mbps transmission.

A MercNET 45 High Capacity channel is a channel for the transmission of nominal 44.736 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. MercNET 45 High Capacity Service channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

The customer is responsible for providing the Network Channel Terminating Equipment associated with the High Capacity channel at its premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

(B) Technical Specifications Packages

Parameter	Package HC-					
	<u>0</u>	<u>1</u>	<u>1C</u>	<u>2</u>	<u>3</u>	<u>4</u>
Error-Free Seconds		X				

\* Available only as a channel of a 1.544 Mbps facility between two Telephone Company Digital Hubs or as a cross connect of two 2.4, 4.8, 9.6, 56.0 or 64.0 kbps channels of two 1.544 Mbps facilities at a Digital Hub(s). The customer must provide system and channel assignment data.

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