

DIGITAL NETWORK SERVICES

Item 302

DIGITAL PRIVATE LINE SERVICE

Service Description 302.1

Digital Private Line Service provides for the digital transmission of information at 1.544 Mbps (DS-1) and at 44.736 Mbps (DS-3) between two points in the same Exchange or between Exchanges or between an Exchange and an international border crossing point. Transmission in increments of 64 Kbps is also available between Exchanges, between Wire Centres within an Exchange, or between an Exchange and an international border crossing point. C

For **Bell** only, transmission at 155 Mbps (OC-3) and 622 Mbps (OC-12) is available between two points in the same Exchange or to connect a customer location to a network service at the Wire Centre or Rate Centre. C

This Item applies to **Bell and Bell Aliant**.

This service is forborne from regulation, pursuant to Telecom Decision CRTC 97-20, when it is provided on the cross-sections identified in Item 16. C

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Definitions 302.2

"*Channelizing DS-1*" is a feature which enables a DS-1 access or channel to be connected to DS-0 channels or other Carrier services.

"*Channelizing DS-3*" is a feature which enables a DS-3 access or channel to be connected to DS-1 level services including access, channels or other Carrier services.

"*Channelizing OC-3*" is a feature which enables an OC-3 access to be connected to a DS-3 level service.

"*Channelizing OC-12 [DS-3]*" is a feature which enables an OC-12 access to be connected to a DS-3 level service.

"*Channelizing OC-12 [OC-3]*" is a feature which enables an OC-12 access to be connected to an OC-3 level service.

"*Concatenation [OC-3 or OC-12]*" allows for greater usable bandwidth i.e., OC-3c or OC-12c.

"*Cross Section*" refers to the DS-0 or DS-1 facilities furnished between a Carrier's Wire Centres or Rate Centres, between Carriers' Rate Centres or between a Carrier's Rate Centre and an international border crossing point in Canada. C
C

"*Digital Private Line Channel - Special Routing*" provides diverse routing of a specified group of channels in a cross section.

"*Service Extension*" permits the extension of Digital Private Line Service to other customer service locations.

"*Station*" is the multiplexer or terminal equipment provided on the customer's side of the demarcation point. Extension of service beyond the demarcation point may require additional equipment or facilities.

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Terms and Conditions 302.3

(a) Service shall be provided within and between wire centres subject to the availability of suitable facilities and equipment. Multi-point and multi-drop feature configurations are available as provided for in Digital Private Line Solutions Service Extension Access Service (Item 305).

(b) The Carriers shall determine the wire centres from where service shall be provided.

(c) Digital Private Line DS-1 Access (Item 301.3(b)) and DS-3 Access (Item 301.3(c)) are offered on a monthly basis, with restriction, or on a one to five-year Minimum Contract Period (MCP) basis. OC-3 and OC-12 Accesses are offered on a one to five-year MCP basis only. Other Digital Private Line service components are offered on a monthly basis or under a Customer Volume Pricing Plan as detailed in Item 306. **C**

(d) When it is necessary to install special equipment or to incur unusual expense to establish Digital Private Line network service, the customer shall pay an additional charge based on the equipment installed and the unusual expense incurred. **C**

(e) Digital Private Line Service may be connected to either customer or Carrier provided terminal equipment located at the customer's premises.

(f) The customer is solely responsible for the installation, operation and maintenance of customer provided terminal equipment.

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(g) The customer's terminal equipment attached to the Carrier's network must be certified or connected through a certified network protection device in accordance with the Carrier's Terminal Attachment Standards.

(h) A separate Wire Centre may be designated as a Special Routing Office. In such cases, charges for local channel facilities will be calculated based on the distance measured from the customer's normal serving Wire Centre, and charges for interexchange channel facilities will be calculated based on the distance measured from the Rate Centre. In addition, the customer shall pay channel charges between the customer's normal serving Wire Centre and the Rate Centre, where applicable. C
C
C
C

(i) The Carrier will provide service to the Network Interface Demarcation Point located at the customer's premises.

(j) The customer shall be responsible for the extension of the service to other points within the same building.

(k) Service Extension to the customer's premises or interconnection to other services except Digital Channel Services may be provided via the Rate Centre or diversity office served by Digital Private Line. C

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(l) DS-1 and DS-3 Access Special Routing may be provided under conditions specified in Item 308, where the customer premises are located on a route where sufficient and diverse facilities exist. In cases where sufficient and diverse facilities do not exist, access special routing may be provided based upon cost incurred or via special assembly.

(m) Reserved for future use.

(n) Digital Private Line Service may be connected to other Carrier Services, subject to the rates and conditions of service as specified in the Carriers' Tariff. As an exception Digital Private Line Solutions Service Extension Features may not be connected to Digital Channel Services. **C**

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Rates and Charges 302.4 The customer shall pay the following Digital Private Line rates and charges for each appropriate Digital Private Line Service Item required to establish a customer network.

(a) Access, link and channelizing features are provided at rates and charges as detailed in Item 301.3. Intra-exchange DS-0, DS-1, DS-3, OC-3 and OC-12 channels between Wire Centres, or between a Wire Centre and a Rate Centre within an Exchange are also furnished at the rates and charges as detailed in Item 301.3. **C**

(b) Reserved for future use.

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Rates and
Charges
302.4

The customer shall pay the following Digital Private Line rates and charges -
continued

(c) Inter-exchange DS-0, DS-1, DS-2 (for rating purposes) and DS-3 channels
between:

- Wire Centres in adjoining Exchanges, C
- the Rate Centres of the Exchanges located within **Bell Aliant in New Brunswick**, C
- the Rate Centres of non-adjoining Exchanges located within **Bell and Bell Aliant in Newfoundland and Labrador, Nova Scotia and Prince Edward Island**, C
- a Rate Centre (all Carriers' territories) and an international border crossing point, C
- Rate Centres in different Carriers' territories, and C
- a Rate Centre and a point of connection with an independent telephone company, C

are furnished at rates and charges as detailed in Item 307.4(2), and Access, Link and Channelizing Feature (where applicable) charges specified in Item 301.3.