

SWITCHED DIGITAL ACCESS SERVICES

Item  
495 DIGITAL EXCHANGE ACCESS

A. GENERAL

Note: Effective 2005 02 03, Canadian Carriers and registered Resellers see also Competitor Digital Network (CDN) Services in TCI Carrier Access Tariff (CRTC 21462), Item 224, if applicable.

1. Digital Exchange Access (DEA) service provides digital access between the customer's premises and the Company's Public Switched Telephone Network (PSTN), specific toll and toll-free services of the Company and Advantage 900 Service. The access is provided on a DS-1 basis (1.544 Mbps) sub-divided into 24 DS-0 time slots at the Company's digital central office switching systems.
2. The Company determines the exchanges where DEA service may be provided. The service is provided at the Company's discretion within an exchange, subject to the availability of suitable facilities.
3. DEA may be connected to customer-provided or Company-provided terminal equipment subject to the terms and conditions of Items 170 and 200.
4. Resale and sharing of DEA is permitted in accordance with the provisions of Item 24.
5. Termination charges apply as specified in TCI CRTC 21461, General Terms of Service, Item 110.0. However, the customer may terminate without termination charges in the event the customer contracts for Integrated Services Digital Network - Primary Rate Interface Service (Item 470) and the charges under such new contract are equal to or exceed those remaining under the current DEA contract.
6. DEA Service consists of the following components:

(a) Access

Access consists of an Access Facility and a PSTN Termination.

- (i) The Access Facility provides the customer with a jack-ended digital local loop from the customer's premises to the customer's serving central office. The Access is available on a DS-1 basis or on a DS-3 channelized into DS-1 basis, each DS-1, consisting of 24 DS-0 time slots. The Access service is available for a one-to-five-year Minimum Contract Period (MCP).
- (ii) The PSTN Termination provides the connection between the Access Facility and the PSTN. The PSTN Termination is available on a DS-1 basis which is subdivided to 24 DS-0 time slots. A PSTN Termination is required for each DS-1 Access Facility the customer obtains.

(b) Link

The Link component provides the central office capability required to connect the Access to specific toll and toll-free services of the Company and Advantage 900 Service.

(c) Network

The network component provides for the use of services which can be accessed through DEA. These services are the network portion of Basic Exchange Service (PSTN Connectivity), and specific toll and toll-free services of the Company. One DS-0 time slot is required for each network service.

(d) Other Features and Options

Other features and options as specified in B.5. are available with DEA Service.

B. RATES

The following rates and charges apply at each location for each customer.

1. Access

(a) Access Facility

The contracted rates and service charges are those specified for access in Digital Network Access (DNA), Item 447. Where no DS-1 Access is used, a DS-1 DNA Link charge will apply as described in Item 447.B.3 to connect to a DS-3 channelizing feature. For the purposes of calculating the volume discounts, the DEA DS-1 Access facilities cannot be combined with other DS-1 accesses.

See Page 41 for explanation of symbols.

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B. RATES (Continued)

(b) PSTN Termination

Provides the connecting port between a DS-1 Access and the switch. One termination is charged for each DS-1 Access.

	<u>Contract Rates Per Month</u>					<u>Service Charge</u> ---
	<u>1 Year</u>	<u>2 Year</u>	<u>3 Year</u>	<u>4 Year</u>	<u>5 Year</u>	
	\$260.00	\$260.00	\$209.00	\$209.00	\$143.00	
2. Links to Other Services				<u>Rate Per Month</u>		<u>Service Charge</u>
(a) Specific toll-free service(s) of the Company, each link (Notes 1&2) . . . . .				\$ 6.10		\$275.00
(b) Specific toll service(s) of the Company, each link (Notes 1&2) . . . . .				(Note 6)		(Note 6)
(c) Advantage 900 Service, each link (Notes 1&2) . . . . .				\$ 6.10		\$275.00 (Notes 3&4)

3. Network

(a) The following rates apply for each PSTN connectivity:

<u>Rate Band</u>	<u>Contract Rates Per Month (Note 7 and 8)</u>					<u>Service Charge</u> (Note 5)
	<u>1 Year</u>	<u>2 Year</u>	<u>3 Year</u>	<u>4 Year</u>	<u>5 Year</u>	
A1	N/A	N/A	N/A	N/A	N/A	N/A
B1, B2, B3, B4	N/A	N/A	N/A	N/A	N/A	N/A
B5	N/A	N/A	N/A	N/A	N/A	N/A
B6	N/A	N/A	N/A	N/A	N/A	N/A
B7	N/A	N/A	N/A	N/A	N/A	N/A
B8	N/A	N/A	N/A	N/A	N/A	N/A
C	N/A	N/A	N/A	N/A	N/A	N/A
D1	45.21	45.21	42.57	42.57	38.56	55.00
D2	53.24	53.24	51.87	51.87	46.59	55.00
D4	45.21	45.21	42.57	42.57	38.56	55.00
E1	45.21	45.21	42.57	42.57	38.56	55.00
E2	53.24	53.24	51.87	51.87	46.59	55.00
E3	77.17	77.17	67.87	67.87	57.20	55.00
E4	45.21	45.21	42.57	42.57	38.56	55.00
F1	45.38	45.38	42.57	42.57	38.56	55.00
F2	53.24	53.24	51.87	51.87	46.59	55.00
F3	N/A	N/A	N/A	N/A	N/A	N/A
F4	45.21	45.21	42.57	42.57	38.56	55.00
G1	45.21	45.21	42.57	42.57	38.56	55.00
G2	53.24	53.24	51.87	51.87	46.59	55.00
G3	77.17	77.17	67.87	67.87	57.20	55.00
G4	45.21	45.21	42.57	42.57	38.56	55.00

(b) The Company's applicable non-tariffed long distance message toll and toll-free network usage rates apply to Advantage Toll-free and Advantage Outbound services. For Advantage 900 Service, the network usage rate as specified in the National Services Tariff CRTC 7400-E - Item 515 applies.

- Notes:
- Customers subscribing to Link Connections are subject to the rates, charges, terms and conditions of the network or service provided.
  - Link Charge also applies for connection to the equivalent services of Alternate Providers of Long Distance Services (APLDS). A DEA link charge does not apply for connections to APLDS equivalent outbound services.
  - Service Charge does not apply if the feature is provided at the same time as the installation of an access.
  - Service Charge applies on a per request basis.
  - Service charges will be waived for customers transferred from Special Facilities Tariff CRTC 21463 Item 524 to DEA provided that no channel re-provisioning is required.
  - The Company's applicable non-tariffed long distance toll-free service rates and charges shall apply.
  - As of 2000 05 01, an additional charge of \$1.50 per PSTN connection will apply for expanded EAS calling in the Greater Vancouver Region. This charge will only apply to the following exchanges: Aldergrove, Bowen Island, Cloverdale, Fort Langley, Haney, Ladner, Langley, Newton, New Westminster, North Vancouver, Pitt Meadows, Port Coquitlam, Port Moody, Richmond, Vancouver, West Vancouver, Whalley, White Rock and Whonnock.
  - The rates shown in this tariff do not apply to exchanges in Sub-Rate Bands A1, B1, B2, B3, B4, B5, B6, B7, B8, C and F3 as the exchanges in these sub-rate bands, as listed in General Tariff (CRTC 21461) Item 212, *Forborne Business Local Exchange Services*, are forborne from regulation.

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B. RATES (Continued)

4. Other Service Charges	<u>Rate Per Month</u>	<u>Service Charge</u>
(a) Translation Changes (Notes 1&2) . . . .	---	\$275.00
(b) Move and Rearrangement (Note 3) . . . .	---	Item 111

5. Other Features and Options

(a) Multi-Frequency Signalling (DTMF/MF)

Each DS-0 time slot linked to an out-going or 2-Way PSTN connectivity or to specific toll service(s) of the Company is subject to a DTMF/MF signalling charge as specified in Item 164. As an exception, PSTN connectivities which replace existing Digital Exchange Access (Special Facilities Tariff CRTC 21463 Item 524) arrangements which are not equipped with DTMF/MF signalling on the effective date of this tariff will continue to be provisioned without DTMF/MF signalling.

	<u>Rate Per Month</u>	<u>Service Charge</u>
DTMF/MF Signalling, each DS-0 . . . . .	\$8.80	\$198.00 (Notes 4&5)

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(b) Answer Supervision

Answer Supervision is available on a DS-0 time slot basis. If this feature is selected, all out-going or 2-way PSTN connectivities and specific Company toll service(s) DS-0 time slots in a DS-1 must be equipped with this feature.

	<u>Rate Per Month</u>	<u>Service Charge</u>
Answer Supervision, each DS-0 . . . . .	Item 136 B.	\$198.00 (Notes 4,5&6)

(c) Hunting Arrangements

Hunting feature is available on a DS-0 time slot basis. If this feature is selected, all incoming, 2-way, specific Company toll-free or Advantage 900 Service DS-0 time slots in a hunt group must be equipped with this feature. Optional hunting arrangements in equipped DMS 100 and GTD-5 offices provide circular, hunt to last, most idle, reverse sequential and, in GTD-5 offices only, first in-last out hunting.

	<u>Rate Per Month</u>	<u>Service Charge</u>
Hunting Arrangements, each DS-0 . . . . .	Item 153 B.	\$198.00 (Notes 4&5)

(d) Direct-in-Dial Service (DID)

DID Service provides the ability to access CPBX stations individually on a 7-digit telephone number without attendant assistance. The monthly rates and service charges for DID Service as specified in General Tariff CRTC 21461 Item 215 apply as appropriate to the customer's individual network requirements.

(e) Inward Number

	<u>Rate Per Month</u>	<u>Service Charge</u>
each . . . . .	\$14.85 (Note 7)	---

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- Notes: 1. Service charge applies once, per system group for all translation changes specified on the same service order. Service charge does not apply to translations performed for the initial installation.
2. Additional labor charges for installation or special translation performed beyond or outside regular working hours are based on the hourly rates, terms and conditions specified in Item 111.
3. Any moves and/or rearrangements of access terminations within a building will be charged in accordance with the hourly rates specified in Item 111.
4. One service charge applies for all DS-0 time slots provided with this feature at the same time.
5. The service charge does not apply if this feature is ordered at the same time as the DEA Access Facility.
6. A \$506.00 charge also applies to each new FCO, FX and OPX line equipped with Answer Supervision.
7. There will be no charge for the pilot number (1st number). Each additional number will be charged for at a rate of \$9.35 per month.

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B. RATES (Continued)

5. Other Features and Options (Continued)

(f) Assured Digital Switched Network (DSN) Routing

Assured DSN Routing provides the necessary translation at a suitably equipped digital central office to allow data traffic to be routed over digital facilities - Digital Switched Networks (DSN) within the PSTN.

	<u>Rate Per</u> <u>Month</u>	<u>Service</u> <u>Charge</u>	
Assured DSN Routing, each DSO .....	\$17.60	\$198.00 (Notes 1&2)	A

- Notes: 1. One service charge applies for all DSO's if provided with this feature at the same time.  
2. The service charge does not apply if this feature is installed at the same time as DEA connection.

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B. RATES (Continued)

6. Service Extension

- (a) The provision of DEA service from a central office other than the customer's serving central office is referred to as DEA service Extension. This may be provided either on an intraexchange basis or on a foreign exchange basis.
- (b) Service Extension is provided at the Company's discretion, within or between exchanges, subject to the availability of suitable facilities.
- (c) Customers may subscribe to DEA service from more than one central office. However, each DEA service is distinct from the other both from a rating perspective and a service perspective. For each DEA service, the customer's local calling area, telephone number(s), DEA access rates, PSTN connectivity rates and message toll rates are associated with the central office that provides the service.
- (d) Overflow of incoming calls from one DEA service to another is not permitted.
- (e) Rates
  - i) In addition to the charges for DEA service, customers must lease, at tariffed rates, intraexchange and/or interexchange digital facilities between their serving central office and alternative central office or rate center from which service is requested.
  - ii) The rates consist of Link Charges, Network Connection Charges, Intraexchange and/or Interexchange Channel Charges, as appropriate.
  - iii) As an exception to the usual rating of digital channels, the DEA PSTN Termination charges will replace the Link Charges at the terminating end of the digital channel.

7. Access Diversity

- (a) Access Diversity provides for the routing of DEA services via an alternative path to the customer's serving central office or to an alternative central office.
- (b) Access Diversity is available only where sufficient and diverse facilities exist.
- (c) Access Diversity is provided from a single building entrance duct. Separate entrances may be provided at the customer's request, based on the expenses incurred by the Company.
- (d) Rates
  - i) The rates and charges for Access Diversity on DEA service are the same as for Digital Network Services Access Special Routing as specified in Item 448 C. Customers who subscribe to both Access Diversity and Access Special Routing, from the same customer location, are charged the rate only once.
  - ii) In addition to the Access Diversity rates and charges specified in (d) i), the rates for DEA service, including Service Extension where applicable, apply for each DEA service along each path.

See Page 41 for explanation of symbols.

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