ITEM

70 INTERCONNECTING CIRCUITS WITH TRUNK-SIDE ACCESS

A. GENERAL

1. An interconnecting circuit with "trunk-side access" refers to a connecting arrangement provided by the Company over which calls dialed 1+, 0+, 00-, 1+950, 1028X, 1+"toll-free code", 01+ and 011+ can be routed to the IXC's network and over which traffic from the IXC's network can be routed for termination in the PSTN.

2. An interconnecting circuit with trunk-side access ma be arranged for Feature Group D service, which provides the IXC with the capability of offering subscribers access to its network by dialing 1+, 0+, 00, 1028X, 01+ or 011+. Interconnecting circuits with trunk-side access arranged for Feature Group D service may be connected to an Access Tandem (AT Connection) or to an End Office (Direct Connection), and may use Multi-Frequency (MF) signalling or CCS7 signalling, subject to the availability of suitable facilities.

   Access to the IXC's network from the Company's pay telephones is available via 1028X dialing. The Company will not accept coin payment for such calls.

3. An interconnecting circuit with trunk-side access may be arranged for Feature Group B service, which provides the IXC with the capability of offering subscribers access to its network by dialing 1+950+2828 where 2828 is the IXC's carrier identification code. This arrangement is available for AT Connections only and is available only with MF signalling. The IXC is responsible for obtaining this carrier identification code.

   (a) This arrangement is provided only in those offices which are not capable of providing Feature Group D service and is subject to the availability of suitable facilities.

   (b) Access to the IXC's network from the Company's pay telephones is not available with this arrangement.

4. An interconnecting circuit with trunk-side access may be arranged to provide for the routing of toll-free service calls destined for the IXC's network. This arrangement is available for AT Connections only and may use MF or CCS7 signalling.

   Interconnecting circuits with trunk-side access established for the purpose of routing toll-free service calls destined for the IXC's network must be arranged for one-way service.

5. When CCS7 signalling is requested, CCS7 links are required. CCS7 links refer to the DS-0 channels between the Company's designated gateway Signalling Transfer Points (STPs) and the IXC's STPs or between the designated gateway STPs and the IXC's switch(es). This interconnecting arrangement may be provided by the Company, subject to the availability of suitable facilities, or by another designated carrier, to carry CCS7 signalling information associated with interconnecting circuits with trunk-side access which connect the Company or another carrier to the IXC for the proposes of call set-up and take down. For Billed Number Screening (BNS) database access, CCS7 links between the designated TELUS Communications Inc. gateway STPs and the IXC's STPs may be used.

6. The facility over which interconnecting circuits with trunk-side access and CCS7 links are provided is furnished at the rates and charges specified in CRTC 21461 Item 500.

7. In addition to the service charges associated with the Tariff Item referenced in A.6. above, the following service charges associated with the provision of interconnecting circuits with trunk-side access and CCS7 links will apply for each DS-0 Set. A DS-0 Set is defined as a group of DS-0s which are of the same type (i.e., Feature Group D, Feature Group B or toll-free service), within the same DS-1, connected at the same location and ordered at the same time.

	Service Charge	
(a) Inward Order, each DS-0 Set	$ 668.37	R
(b) Change Order, each DS-0 Set	435.99	|

ITEM

70 INTERCONNECTING CIRCUITS WITH TRUNK-SIDE ACCESS (Continued)

A. GENERAL (Continued)

8. An STP port connection is required for each DS-0 CCS7 link between the Company's gateway STP and an IXC's STP or a competitive LNP SCP. An STP port connection is required for each DS-0 CCS7 link between the Company's gateway STP and an IXC's switch. An IXC may establish either STP to STP port connections or IXC switch to STP connections, but not both.

	Rate Per Month	Service Charge	
(a) IXC Switch or competitive LNP SCP to Stentor gateway STP port connection, per connection	$ 853.56 (Note 1)	---	R
(b) Provisioning charge for IXC Switch or Competitive LNP SCP to Stentor gateway STP port connection, per request	---	$ 2,901.80 (Note 2)	|

9. The STP Port Connection specified in 8.(a) above will also be attributed to the Company.

10. When it is necessary for the Company to incur expense in order to meet IXC requirements for subsequent additions or changes to STP to STP port connections or IXC Switch to STP connections, it will file a Special Assembly Tariff reflecting an amount based on estimated time and costs incurred to meet the IXC request.

11. Interconnecting circuits with trunk-side access arranged for the routing of 1+"toll-free code" dialed calls may be used for the purposes of providing access to basic message toll services via two-stage dialing provided that the customer furnish the Company with a forecast of the volume of traffic associated with two-stage dialing.

12. CCS7 Transit Services
(a) Basic CCS7 Transit service provides for the transiting of ISUP messages where the carriers have implemented direct message trunking and TCAP messages to support CMS functionality, between IXCs and CLECs, between IXCs and WSPs and between IXCs.

(b) CCS7 Transit to a competitive LNP SCP service provides for the transiting of TCAP messages between an IXC and a competitive LNP SCP service provider to query a competitive LNP SCP and return the CCS7 response message.

The CCS7 Transit to a Competitive LNP SCP monthly charge applies to the competitive LNP SCP service provider once for each of its customers using the CCS7 Transit to a Competitive LNP SCP service.

	Rate Per Month	Service Charge
Basic CCS7 Transit	CRTC 1005, Item 209 C.3.(a)	----
CCS7 Transit to a Competitive LNP SCP, (Note 3)	CRTC 1005, Item 209 C.3.(c)	----
Service Charge - Initial, per order (Note 4)	----	CRTC 1005, Item 209 C.3.(d)
Service Charge - Subsequent, per order (Note 4)	----	CRTC 1005, Item 209 C.3.(e)

Notes: 1. Port charges are in addition to the rates and charges associated with the provisioning of interconnecting circuits with trunk-side access, specified in Item 70 D.1 and D.2.
2. One-time provisioning charge covers the initial operations and translations costs associated with the provisioning of IXC switch to Stentor gateway STP connections or the provisioning of the competitive LNP SCP service provider to the Company's gateway STP connections. The charge applies to each IXC request for work to be completed at the same time and applies only once for all connections in Stentor Owner company territories ordered at the same time.
3. A competitive LNP SCP service provider must subscribe once for each of its customers using the CCS7 Transit to a competitive LNP SCP service and for each ILEC territory where its customer operates.
4. The service charges - initial or subsequent - apply per order, independently from the type(s) of CCS7 Transit service(s) ordered, the number of locations within the Company's territory where transiting is requested or the number of carriers involved in the transit arrangements.

See Page 5 for explanation of symbols.

ITEM

70 INTERCONNECTING CIRCUITS WITH TRUNK-SIDE ACCESS (Continued)

A. GENERAL (Continued) N

13. As a condition for network interconnection with the Company: |

(a) all carriers that establish network interconnection and call routing arrangements related to 900 calls must abide by the CRTC-mandated consumer safeguards for 900 service as outlined in Telecom Decision CRTC 2006-48 (Appendix A), and as amended by the CRTC from time to time thereafter; and |

(b) these carriers are to include and enforce in all contracts or other arrangements with their 900 service content provider customers the requirement to abide by these same CRTC-mandated consumer safeguards. |

B. RESTRICTIONS ON USE

Interconnecting circuits with trunk-side access, established for the purposes of routing 1+"toll-free code" calls destined to the IXC's network, must be arranged for one-way service.

C. NATIONAL ORIGINATION FOR TOLL-FREE CALLING SERVICE

National origination for toll-free calling service providers permits IXC's to combine specific Stentor toll-free service(s) and the area code route feature and/or the toll-free calling services of another IXC with their line-side and/or trunk-side access arrangements, thereby permitting the IXC's, who do not have a national network, to offer national toll-free calling service to their customers.

D. RATES AND CHARGES

1. The Company will furnish interconnecting circuits with trunk-side access, MF or CCS7 links, where available at rates and charges specified in CRTC 1005, Item 447 C.2.

2. For each interconnecting circuit with trunk-side access, and for each CCS7 link, the service charges specified in the Company's General Tariff Item 110 B. for the appropriate business Office Connection (OC) or business Field Connection (FC) component will apply.

3. When IXC's wish their toll-free calling services to have national call origination capabilities, they must also subscribe to the area code route feature of the Company's toll-free service(s) at the Company’s applicable non-tariffed toll-free service rates and charges.

ITEM

70 INTERCONNECTING CIRCUITS WITH TRUNK-SIDE ACCESS (Continued)

E. NETWORK CHARGES

1. When the IXC requests an interconnecting circuit with trunk-side access, a switching and aggregation charge, consisting of both components specified in E.5. below, applies to each minute of traffic carried on the interconnecting circuit connected at the Access Tandem. Switching and Aggregation charges for Direct Connections consist of the Direct Connection Charge only.

   When a call is blocked from the Direct Connection and, using overflow routing, is routed to the IXC by means of an Access Tandem (AT) Connection, the switching and aggregation charge related to an AT Connection, as specified in E.5.(b), applies for that call.

2. The switching and aggregation charge relates to all switching, transport and signalling functions performed by the Company at the originating or terminating end of a call, subject to availability, including:

   (a) hardware answer supervision; and

   (b) delivery of calling line identification.

3. The switching and aggregation charge, consisting of both components specified in E.5. below will be attributed to the Company, in accordance with Telecom Decision CRTC 94-19, on each minute of the Company's originating or terminating voice/data traffic carried over the interexchange portion of the Public Switched Telephone Network (PSTN).

   EXCEPTION: Does not apply to the Company's traffic entering or exiting Canada on the Company's PSTN or to traffic originating or terminating on Direct Access Lines (DALs) associated with the Company's services, a Company DAL is an access line dedicated exclusively to a service or services in the Competitive Toll or Competitive Network Phase III categories.

4. This charge is assessed on the basis of conversation minutes and is derived by multiplying the charge, based on total elapsed carrier connect time, of $0.00100 § for Direct Connection and $0.00149 § for AT Connection, by the connect time to conversation minutes ratio of 1.0827. C |

5. Switching and aggregation charge, each minute of originating or terminating traffic:

   (a) Direct Connection..... $0.00108 § |

   (b) AT Connection..... 0.00161 § |

6. In addition to the switching and aggregation charge, 1+"toll-free code" dialed calls routed to the IXC are subject to a carrier identification charge as specified in E.7. below. This charge will also be attributed to the Company.

7. Toll-free Service Carrier Identification Charge, per call .... $0.0021 §

§ Application of the 2025 I-X constraint did not result in a change in this rate due to rounding. C

ITEM
70 INTERCONNECTING CIRCUITS WITH TRUNK-SIDE ACCESS (Continued)

E. NETWORK CHARGES - Continued

Reserved for future use.

ITEM
70 INTERCONNECTING CIRCUITS WITH TRUNK-SIDE ACCESS (Continued)

F. PRIMARY INTEREXCHANGE CARRIER (PIC) PROCESSING

1. When the IXC is provided with interconnecting circuits with trunk-side access arranged for Feature Group D service, the IXC can offer its subscribed customers access to its network through 1+, 0+, 01+, 011+ and 00- dialing. Such access is enabled through the identification of the IXC as the customer's PIC. PIC selections may be specified for eligible Company-provided primary monopoly exchange services which provide direct voice access to the PSTN through "1+" dialing and which are provisioned in End Offices which support Feature Group D. A list of specific eligible services is included in the PIC/CARE Access Customer Handbook (the Handbook) described in F.3. below.

2. An IXC with Feature Group D service is required to establish a PIC processing account with the Company at least 60 calendar days prior to the requested commencement of PC processing. When the account is established, the IXC must identify the PIC processing parameters and options required, as specified in the IXC's Customer Account Record Exchange (CARE) Profile which is provided in the Handbook. The establishment of the PIC processing account is subject to a service charge as specified in F.8.(a) below. Changes to the IXC's CARE Profile are subject to a service charge as specified in F.8.(b) below. Subsequent changes to these parameters and options must be provided in writing at least 30 calendar days prior to the requested date for implementation of the changes.

3. The Company will provide each IXC which establishes a PIC processing account with two copies of the User Handbook. The Handbook reflects standards and procedures for the processing of PIC transactions between the Company and the IXC. Additional copies of the Handbook are provided subject to the charge as specified in F.8.(c) below.

4. PIC processing charges apply for establishing or changing the PIC selection for a customer's access line, such as for new or additional access lines, customer moves and customer-initiated number changes. Charges for processing customer PIC transactions are assessed to the IXC selected by the customer and are as specified in F.8.(d) below.

5. In the case of the PIC selection changes which are disputed by the customer or by an IXC on behalf of the customer, the customer's PIC selection will be reinstated to the previous PIC. The IXC must then provide evidence of customer authorization as described in section 4.5 of Schedule 4 (PIC Information Processing) of the CSG Agreement. If such customer authorization is not provided within 15 business days from the date of the request from the Company, the IXC will be deemed to have requested an unauthorized PIC change, and will be assessed the unauthorized PIC change charge as specified in F.8.(e) below. A PIC processing charge as described in F.4. above will also be assessed to the IXC having requested the unauthorized PIC change, to cover the reinstatement of the unauthorized PIC to the previous PIC selection.

6. To enable the IXC to validate or place PIC subscription orders at the Working Telephone Number (WTN) level., the IXC may request and obtain from the Company a detailed record transaction in CARE format of all WTNs subscribed to a specific Billing Telephone Number (BTN). Service charges apply as specified in F.8.(f) below.

7. To enable the IXC to perform a reconciliation between the IXC's billing record and the Company's PIC database, the IXC may request a Verification Record from the Company. Verification Record transactions are subject to the service charge specified in F.8.(g) below.

8. Rates and Charges

	Charge	
(a) Account Set-Up charge, per PIC processing account	$ 290.98	R
(b) Changes to CARE profile, per request	72.76	|
(c) The Handbook, per additional copy	36.38	|
(d) PIC Processing charge, per access line	0.5069	|
(e) Unauthorized PIC Change charge, per access line	25.67	|
(f) BTN Detail charge, per WTN provided	0.0815	|
(g) Verification Record charge, per access line	0.0815	|

9. The PIC Processing charge specified in F.8.(d) and (e) above will also be attributed to the Company.

See Page 5 for explanation of symbols.

ITEM

70 INTERCONNECTING CIRCUITS WITH TRUNK-SIDE ACCESS (Continued)

G. RESERVED FOR FUTURE USE

H. CARRIER NETWORK PROFILE CHANGE

1. Prior to an IXC initially being provided with interconnecting circuits with trunk-side access, the IXC is required to complete a Carrier Profile Questionnaire (CPQ) to select network and translation options. The CPQ data is subsequently programmed into the Company's switches, as required.

2. Services charges, as specified in H.3. below, apply to change the selected options and change the network translations in the Company's switches associated with each impacted Carrier Identification Code (CIC) at any time subsequent to the initial programming.

3. Services Charges

The following service charges apply at each End Office switch impacted by the IXC's request:

CPQ Option Being Changed	Service Charge	
(a) International Calling	$ 175.61	R
(b) Abbreviated Dialing No. 1	104.78	|
(c) Presubscription Indication	92.98	|

I. BILL NUMBER SCREENING (BNS) DATABASE ACCESS QUERY

The BNS database query is offered and billed by TELUS Communications Inc. (TCI), pursuant to the former TCI Tariff CRTC 18008, Item 270.5, on behalf of the Company.

See Page 5 for explanation of symbols.