

INTERCONNECTION SERVICES

Item

209 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - TRANSIT SERVICES

A. GENERAL

Local Network Interconnection and Component Unbundling services and arrangements are contained in CRTC 1017, Item 105.

BC TEL offers the services and arrangements contained in this tariff item which provides compensation for the transit of circuit switched traffic (local and toll). Also contained in this tariff item is the provision for transiting of CCS7 signalling messages, which are permitted on existing CCS7 interconnection arrangements.

Transit Services

1. Local Transit service provides Competitive Local Exchange Carriers (CLECs) with the option to deliver their traffic to other CLECs via BC TEL's network. The traffic terminates in the same BC TEL local exchange or in BC TEL exchanges within a single EAS area.
2. Toll Transit service provides CLECs and Interexchange Carriers (IXCs) with the option to deliver their toll traffic to each other via the BC TEL network.
3. CCS7 Transit Services
 - (a) Basic CCS7 Transit service provides for the transiting of Integrated Services Digital Network User Part (ISUP) messages where the carriers have implemented direct message trunking and Transaction Capabilities Application Part (TCAP) messages to support Call Management Services (CMS) functionality between CLECs operating in the same exchange, between CLECs and Wireless Service Providers (WSPs) operating in the same exchange, and between CLECs and IXCs.
 - (b) Enhanced CCS7 Transit service provides all the functionality of Basic CCS7 Transit service regardless of where the carriers are operating.
 - (c) CCS7 Transit to a competitive Local Number Portability (LNP) Service Control Point (SCP) service provides for the transiting of TCAP messages with a competitive LNP SCP service provider to query a competitive LNP SCP and return the CCS7 response message. Specific functionality associated with the competitive LNP SCP must be obtained directly from the service provider.

B. DEFINITIONS

DS-0 Set - 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.

C. RATES

	<u>Rate Per</u> <u>Month</u>	<u>Service</u> <u>Charge</u>
1. Local Transit Service		
The monthly charges apply on a per trunk basis for each trunk used to deliver local exchange transit traffic to BC TEL and applies based on the size of the trunk group. Each transit trunk is provided on a DS-0 basis. (Note 1, Page 814)		
The service charge includes a one-time order processing charge and a trunk activation/change charge per trunk.		
Order Processing, each order	----	\$ 184.00 R
Trunk activation or change, each trunk	----	20.29
Transit Charge		
up to 24 trunks, each trunk	\$ 51.70 R	----
up to 48 trunks, each trunk	52.67	----
up to 72 trunks, each trunk	52.90	----
up to 96 trunks, each trunk	53.13	----
more than 96 trunks, each trunk	53.18	----

See Page 41 for explanation of symbols.

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C. RATES (CONTINUED)

	<u>Rate Per</u> <u>Month</u>	<u>Service</u> <u>Charge</u>
2. Toll Transit Service - provided to CLECs and/ or IXCs for the delivery of toll traffic to each other via the TELUS network.		
Toll Transit - originating and terminating traffic, monthly charges apply to the IXC for any incremental interconnecting circuits and for network usage.		
Service charges for both Toll Transit - terminating and originating apply to an IXC for any incremental facilities over which inter- connecting circuits with trunk-side access are provided, as specified in the Company's Carrier Access Tariff.		
Toll Transit Service - originating and terminating traffic		
Inward Order, each DS-0 Set	----	(Notes 2&3)
Change Order, each DS-0 Set	----	(Notes 2&3)
Interconnecting Circuits	(Note 2)	(Note 2)
Network Usage Charge, per minute	(Note 4)	----
3. Both parties transiting CCS7 messages via the CCS7 Transit services must subscribe.		
CCS7 Transit Services		
(a) Basic (Note 5)	\$ 393.30	----
(b) Enhanced (Note 5)	494.50	----
(c) To Competitive LNP SCP (Note 6)	644.00	----
(d) Service Charge - Initial, per order (Note 7)	----	\$ 2,650.52
(e) Service Charge - Subsequent, per order (Note 7)	----	1,747.08

- Notes:
1. (Note for C.1., Page 813) Local Transit Service traffic may be combined on the same trunks delivering CLEC traffic within an EAS, as provided in CRTC 1017, Item 105 D.6., Combined Delivery of Local Exchange Transit Traffic and CLEC Traffic within EAS Areas. The rates and charges as specified in CRTC 1017, Item 105 D.6. shall apply. **As of May 29, 2006, this service will no longer be available to CLECs seeking interconnection on a LIR basis. It will continue to be available, where already installed, for CLECs that were interconnected with the Company on an exchange basis prior to that date. No moves, additions or changes will be allowed.**
 2. The rates and charges specified in General Tariff CRTC 21461, Items 500 and 503 as applicable, apply to an IXC for any incremental facilities over which interconnecting circuits with trunk-side access are provided. Exception: In the case of co-location, charges specified in CRTC 1017, Item 110 apply.
 3. In addition to the service charges referenced in Note 1, the service charges specified in CRTC 1017, Item 70 A.7. - Inward/Change Order charges, associated with the provision of interconnecting circuits with trunk-side access and CCS7 links, will apply to an IXC for any incremental facilities over which interconnecting circuits with trunk-side access is provided, for each DS-0 Set.
 4. The rates and charges apply to an IXC as specified for Switching & Aggregation, CRTC 1017, Item 70 E.
 5. For each transiting arrangement, a CLEC may subscribe to either the Basic CCS7 or Enhanced CCS7 Transit service.
 6. 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.
 7. 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 or the number of carriers involved in the transit arrangements.

See Page 41 for explanation of symbols.

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D. CONDITIONS

1. Transit Services provide the exchange of local and toll traffic via BC TEL's network between two different carriers (e.g., CLECs, and IXCs) subscribing to the service, conditional on the existence of a business arrangement (e.g. Transit Agreement) between two carriers originating and terminating traffic with each other and evidence of this business arrangement being provided to BC TEL.

2. Any charges imposed on BC TEL by carriers receiving traffic, which are not recovered in the rates and charges associated with BC TEL's transit services, will be passed on to the originating carrier in the form of unusual expenses.

3. Local Transit Service is provided between two CLECs conditional on the traffic terminating in the same EAS area or the LIR of the exchange where traffic is delivered to BC Tel.

The carrier originating local transit traffic is responsible for providing the underlying facilities required to deliver the traffic to BC TEL on dedicated one-way trunk groups.

BC TEL will terminate local transit traffic via bill and keep trunks established between the Company and CLECs.

4. Toll Transit service is provided between IXCs and CLECs on the condition that the toll traffic destined for CLECs' end-customers is delivered by the IXC to the designated toll transit Access Tandem.

5. CCS7 Transit service provides for the exchange of CCS7 signalling messages between two different carriers i.e. CLECs, WSPs, IXCs subscribing to the service, conditional on the existence of a business arrangement between the two carriers exchanging CCS7 messages with each other and evidence of this business arrangement being provided to BC TEL.

(a) Basic CCS7 and Enhanced CCS7 Transit services are provided between CLECs, WSPs, and IXCs conditional on the implementation of direct message trunking between themselves.

(b) A CLEC may subscribe to either the Basic CCS7 or Enhanced CCS7 Transit service.

(c) Both parties transiting CCS7 messages via the CCS7 Transit services must subscribe.

(d) CCS7 Transit to a competitive Local Number Portability Service Control Point (LNP SCP) service provides only for the exchange of CCS7 TCAP messages with a competitive LNP SCP service provider. Specific functionality associated with a competitive LNP SCP must be obtained directly from the service provider.

(e) A CLEC transiting CCS7 messages from a third party carrier will be charged for each carrier as appropriate.