

**SUPPLEMENTARY TARIFF  
ACCESS SERVICES FOR  
INTERCONNECTION WITH CARRIERS  
AND OTHER SERVICE PROVIDERS  
ACCESS ARRANGEMENTS**

ITEM

105    LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING

1.    GENERAL

- A.    The services and arrangements contained in this Tariff item and related MTS Allstream tariffs and agreements are made available only to:
  - 1)    Commission-approved Competitive Local Exchange Carriers (CLEC), and
  - 2)    Digital Subscriber Line Service Providers (DSLSPs), who can lease unbundled local loops (see 4.B.1) below) connecting links and collocation to provide only digital subscriber line based applications such as high speed internet access, Local Area Network extensions, and Voice over Internet Protocol (VoIP), not operating as a CLEC.
  
- B.    The services and arrangements specified in this Tariff item and related MTS Allstream tariffs and agreements, which are provided to a CLEC, or DSLSP, will be billed to and payable by the CLEC.
  
- C.    The services contained in this Tariff item for CCS7 Transiting Services (CCS7 signalling messages) are based on existing CCS7 interconnection arrangements.
  
- D.    Insofar as they are reasonably applicable and not inconsistent with this Tariff item, all other MTS Allstream tariffs, including any amendments to or replacements of them, extend and apply to this tariff item. The General Regulations or Terms of Service of MTS Allstream including any amendments to or replacements of them, apply to this tariff item, with such modifications, as the circumstances require.
  
- E.    Subject to the terms, conditions, rates and charges set out in applicable tariff(s) for co-location, other tariffs and agreements as may be applicable and, where MTS Allstream's facilities permit, a CLEC may, except where expressly prohibited by MTS Allstream's tariffs:
  - 1)    Interconnect their local services and facilities to MTS Allstream's services and facilities, offered under this Tariff item, subject to availability of MTS Allstream's services and facilities;
  - 2)    Resell or share any of the MTS Allstream's services and facilities;
  - 3)    Provide local exchange telephone services; and,
  - 4)    Provide service to its customers, which incorporates interconnection to the Public Switched Telephone Network (PSTN), using its own facilities, MTS Allstream's facilities or the facilities of another facility provider.
  
- F.    Interconnection with CLECs will be made on a per Local Interconnection Region (LIR) basis. The only exception will be for CLECs who are interconnected with MTS Allstream on a per-exchange basis as of the effective date of May 29, 2006, in which case, moves, additions and changes will be permitted within these exchanges to the extent permitted by the Master Agreement for Interconnection between the CLEC and MTS Allstream.

N  
|  
|  
|  
|  
|  
M

M - Moved to page 40

**Filing Date: February 17, 2005**

**Effective Date: May 29, 2006**

## ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued2. DEFINITIONS

For the purpose of this Tariff item:

- A. "Analogue Transmission" is a telecommunications transmission which uses continuous signals to carry information.
- B. "Band" or "Rate Band" is a categorization of the Company's Exchanges in accordance with the criteria set out in Telecom Decision CRTC 2001-238 or subsequent determinations, used for rating purposes. C  
|  
C
- C. "Bill and Keep" is a process whereby the originating Local Exchange Carrier (LEC) bills its end-customer for the call and keeps the corresponding revenues; the originating LEC does not compensate the terminating LEC for call termination expense.
- D. "CCS7 Cross-Connection" is the Company-provided cross connection between the gateway STP connection and CCS7 link transport facilities. C
- E. "Central Office" is a designated building used historically to house switching equipment for main telephone, trunk lines and broadband equipment and also used by eligible CLECs, IXCs and DSLSPs for co-location, local interconnection, toll interconnection and broadband traffic hand-off. C
- F. "Central Office Code (NXX)" is the second set of three digits of a ten-digit telephone number (i.e., NPA-NXX-XXXX) which identifies the local switching office (a 3-digit identification code).
- G. "Company Loop Termination (COLT)" is the end point of the Company-provided transmission path which terminates at the Company's distribution frame or other designated distribution device located in the Company's Central Office or equivalent. C  
|  
C
- H. "Central Office Switch" (may be referred to as a Class 5 or Local Switch) is the local switching equipment which connects to local end-customer lines and which enables end-customers to make and receive calls to and from other end-customers within the local calling area of their Exchange and to access message toll services of the Company and Interexchange Carriers. The Central Office Switch is associated with one or more Central Office codes (i.e., NXX codes). C  
|  
C
- I. "Competitive Local Exchange Carrier (CLEC)" is a Commission-certified provider of local exchange service other than the Company. C

## ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued2. DEFINITIONS – continued

- |    |   |             |
|----|---|-------------|
| J. | “Connecting Link” is a transmission path which connects the Company-provided unbundled network component located or terminated within a Company Central Office or equivalent (i.e., Local Loop), to a CLEC’s co-located transmission equipment located within the Company Central Office or equivalent.   | C<br> <br>C |
| K. | “Common Language Location Identifier (CLLI)” is an alphanumeric code used to identify physical locations and equipment, such as buildings, Wire Centres, poles and Central Offices.   | C<br>C      |
| L. | “Customer Network Interface (CUST-NI)” is the point of termination or demarcation of a local loop specified in the Tariff item for primary exchange service.  |             |
| M. | "Digital Subscriber Line Access Multiplexor (DSLAM)" is a generic reference to the multiplexors provisioned for the purpose of providing the Company ADSL Access Service – Special Services and Facilities Tariff Item 5800, including those provisioned within Central Offices, Wire Centres, remote switching facilities and standalone cabinets.   | C<br>C      |
| N. | "Digital Subscriber Line Service Provider (DSLSP)" is a provider of digital subscriber line based applications, such as high-speed Internet access, Local Area Network extensions, and VoIP, not operating as a CLEC.   | C           |
| O. | “Digital Transmission” is a telecommunications transmission which uses non-continuous signals to transmit information.  |             |
| P. | "Distribution Serving Area (DSA)" is a basic geographic area within a Wire Centre Area for the administration and furnishing of telephone service. There may be one or more DSAs within a given Wire Centre Area. DSA boundaries do not overlap one another.  | C<br> <br>C |
| Q. | "DS-0 Set" - a group of DS-0s which are of the same type (i.e., Feature Group D, Feature Group B, or 800/888) within the same DS-1, connected at the same location and ordered at the same time.  |             |
| R. | “End-customer” is the ultimate user of all telecommunications services sold on a retail basis by CLECs, DSLSPs, APLDS or the Company.   | C           |
| S. | “Exchange” is a basic unit for the administration and furnishing of telephone service, and normally includes a city, town or village and adjacent parts. The territory served by an Exchange, within which local service rates apply, is known as the Exchange Area or local-service Area. In some cases a local-service area includes two or more Exchanges (extended-area service); such service arrangements are specified in CRTC 24001 Item 470. One or more Wire Centres are usually located in each Exchange, one being designated as the Rate Centre for that Exchange. | C<br> <br>C |

## ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued2. DEFINITIONS – continued

- |     |  |             |
|-----|--|-------------|
| T.  | “Interexchange Carrier (IXC)” is a Canadian carrier, as defined in section 2 of the Telecommunications Act, which provides interexchange services and is not the Company.  | C<br>C      |
| U.  | “Local Calling Area” is an area defined by the Company, wherein calls can be made by the Company’s customers without the application of interexchange toll charges. A local calling area includes one or more Exchange areas. See also Exchange.   | C<br> <br>C |
| V.  | “Local Interconnection Region” (LIR) is a geographical area specified by the Company within which traffic is exchanged with CLECs on a Bill and Keep basis as set out in Telecom Decision CRTC 2004-46. See Item 105.5.  | C<br>C      |
| W.  | “Local Loop” is the Company-provided transmission path between, and including, the CUST-NI located at the end-customer’s premises and the COLT.  | C           |
| X.  | “Multi-Dwelling Unit (MDU)” is a building with at least two units and at least one unit is occupied by a tenant.”  |             |
| Y.  | “Numbering Plan Area (NPA)” is also known as Area Code. An NPA is the 3-digit code that occupies the A, B, and C positions in the 10-digit North American Numbering Plan (NANP) format that applies throughout the NANP serving area. NPAs are of the format NXX, where N represents the digits 2-9 and X represents any digit 0-9. In the NANP, NPAs are classified as either geographic or non-geographic. |             |
| Z.  | “Premises” is the continuous property and the building or buildings located thereon, or the part or parts of a building, occupied at the same time by an end-customer, a CLEC, or a DSLSP.   |             |
| AA. | “Reseller” is a person engaged in resale, with or without adding value of a telecommunications service leased from an IXC or from the Company.   | C           |
| BB. | “Signalling Point of Interconnection” (SPOI) is a location specified by the Company at which CLECs may choose to obtain D-link or A-link CCS7 interconnection Signal Transport Point (STP).  | C<br>C      |
| CC. | “Signal Transport Point” is a packet switching point in the CCS7 Network which routes CCS7 signalling messages towards the intended network element.   |             |

## ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued2. DEFINITIONS – continued

DD. “Trunk” is a DS-0 time slot or channel within the Company-provided digital connection between the trunk-side of the Company’s local switch and the Cross-Connect panel used to provide interconnection arrangements. C  
C

EE. “Trunk Group” is a group of equivalent trunks.

3. TERMS AND CONDITIONS

## A. General

1) The Company will provide the elements of local network interconnection and component unbundling subject to the availability of suitable facilities. C

2) A CLEC or DSLSP may subscribe to “Local Loops” within a single Central Office. C  
C

3) A DSLSP shall not use this arrangement to provide switched local voice services.

4) The Company does not make any representation that the services in this Tariff item, or related Company Tariffs, shall at all times be available in the quantities requested and at the locations specified by the CLEC or DSLSP. The Company shall, however, make every reasonable effort to make such services available on request. C  
C  
C

5) If a CLEC or DSLSP cancels an application for service after the Company has incurred costs associated with the provision of the service, the CLEC or DSLSP shall pay the Company all incurred costs. C  
|  
C

6) The type, location and timing of facilities to provide the elements of this Tariff item must be specified, at the time of the order, by the CLEC or DSLSP. If the type, location or timing of facilities is changed by the CLEC or DSLSP, any additional expense incurred will be charged to the CLEC or DSLSP.

7) Responsibility for services provided by the Company to a CLEC may be assumed by another CLEC or DSLSP. The assuming CLEC or DSLSP of record shall be responsible for payment of all unpaid rates and charges incurred by the CLEC or DSLSP from whom it assumes the services and facilities. C



## ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued3. TERMS AND CONDITIONS - continued

## A. Network and Facilities Changes

- 15) Subject to limitations imposed in paragraph 105.1.E, any facilities and services of MTS Allstream required by a CLEC, or DSLSP, for the purpose of resale or sharing may be acquired through any of MTS Allstream's Tariffs including this Tariff item. #
- 16) The CLEC or DSLSP will furnish or arrange to furnish to MTS Allstream, at no charge, any additional facilities or protective apparatus that may be required to protect against any hazards associated with the particular nature or location of the connections. #
- 17) When it is necessary for MTS Allstream to install special equipment or to incur unusual expense in order to meet a CLEC's or DSLSP's requirements, an additional charge may be assessed based upon the equipment installed or the expense incurred. #

## B. Network and Facilities Changes

- 1) MTS Allstream does not make any representation that its equipment, facilities and services are, or will remain, adapted for use in connection with CLEC or DSLSP equipment, facilities and services.
- 2) MTS Allstream reserves the right to change, in whole or in part, the design, function, operation, technology or layout of its equipment, apparatus, lines, switches, circuits, and devices as MTS Allstream, in its sole discretion, considers necessary. MTS Allstream shall not be responsible to the CLEC or DSLSP or the customers of the CLEC for their equipment, apparatus, lines, switches, circuits, devices, in whole or in part, which cease to be compatible with MTS Allstream facilities or which become inoperative because of such changes to MTS Allstream's equipment, apparatus, lines, switches, circuits, devices or other components.
- 3) MTS Allstream, the CLEC, and the DSLSP will each provide network-to-network notification to the other party in accordance with the network-to-network notification requirements established by Telecom Letter Decision CRTC 94-11 and prior to implementing changes to the design, function, operation, technology or layout of its equipment, apparatus, lines, switches, circuits or devices.

## ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued3. TERMS AND CONDITIONS - continued

## B. Network and Facilities Changes - continued

- 4) MTS Allstream shall have the right to modify its exchange or LIR boundaries from time to time. MTS Allstream shall provide to the CLEC, no later than December 31 of each year, a forecast of exchange or LIR boundary changes which MTS Allstream anticipates will be implemented during the following calendar year. In any event, MTS Allstream shall provide to the CLEC not less than six (6) months prior notice of any exchange or LIR boundary affecting the territory served by the CLEC. C
- 5) The CLEC or DSLSP shall not implement any change to its operations, services or network which would, in the reasonable assessment of MTS Allstream, materially affect MTS Allstream's operations, services or network, without the prior consent of MTS Allstream, which shall not unreasonably be withheld. C

## C. Network Outages

- 1) MTS Allstream will provide the CLEC with the earliest possible notice of all network outages affecting the operation of the CLEC's networks.
- 2) MTS Allstream does not guarantee uninterrupted working of its service and/or equipment and shall not be liable to the CLEC, or to any other entity, for any failure or delay in performance of any service provided pursuant to this, or any other MTS Allstream tariff or agreement, to the extent that such failure or delay is attributable to causes or results from events beyond MTS Allstream's reasonable control. Nothing in this Tariff item shall extend the liability of MTS Allstream, as specified in MTS Allstream's Terms of Service or General Regulations, in the event of network outages or other service problems.

## D. Protection

- 1) The characteristics and methods of operation of any circuits, facilities or equipment of the CLEC or DSLSP, when connected to MTS Allstream, shall not:
- a) interfere with or impair service over any facilities of MTS Allstream or its connecting carriers involved in its services;
- b) cause damage to its plant;
- c) impair the privacy of any communication carried over its facilities; or
- d) create hazards to MTS Allstream's employees or to the public.

## ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT - continued

3. TERMS AND CONDITIONS - continued

D. Protection - continued

- 2) If such characteristics or methods of operation are not in accordance with the proceeding, the Company will, where practicable, notify the CLEC or DSLSP that temporary discontinuance of the use of any circuits, facilities or equipment may be required. When prior notice is not practicable, nothing contained within this Tariff item shall be deemed to preclude the Company from temporarily discontinuing forthwith the availability to the CLEC or DSLSP of any circuit, facility or equipment if such action is reasonable under the circumstances. In cases of such discontinuance, the CLEC or DSLSP will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. C  
C
- 3) During any period of temporary discontinuance of service caused by a trouble or condition arising in the CLEC's or DSLSP's operations, facilities or network, no refund for interruption of service, as set forth in the Company's Terms of Service or General Regulations, shall be made. C  
C
- 4) The DSLSP's equipment must be certified in accordance with the requirements detailed in General Tariff Item 2800 - Use of Customer-provided Equipment with the Company Facilities. C
- 5) All equipment acceptable for interconnection with Company facilities within a Wire Centre shall be limited to those equipment types identified in the National Co-location Equipment List as amended and updated from time to time. Such equipment shall conform to the terms and conditions pursuant to the co-location tariffs and associated agreements as applicable. C

E. Transit Services

- 1) Transit Services provide the Exchange of local and toll traffic via the Company's networks between two carriers subscribing to the service, conditional on the existence of a business arrangement between two carriers originating and terminating traffic with each other and evidence of this business arrangement being provided to the Company. C  
C
  - a) Local Transit Service is provided within an Exchange, LIR or EAS area via the Company's network. C  
|  
C

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

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

## ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued3. TERMS AND CONDITIONS - continued

## E. Transit Services - continued

- b) Toll Transit service is provided between IXC and CLEC on the condition that the toll traffic destined for CLECs' end-customers is delivered by the IXC to MTS Allstream's designated toll transit Access Tandem. The IXCs may deliver transit traffic to MTS Allstream on existing toll trunk groups or on separate transit trunk groups.

In those areas where toll transit calls will terminate to CLECs on exchange based bill and keep trunks, MTS Allstream may deduct from the Direct Connection charge billed by the CLEC, any imbalance payment associated with toll transit calls.

- c) CCS7 Transit Service provides for the exchange of CCS7 signalling messages via MTS Allstream's CCS7 network between two different carriers i.e. CLECs, WSPs, and IXCs conditional on the existence of a business arrangement between the two carriers exchanging CCS7 messages and evidence of this business arrangement being provided to MTS Allstream.

A CLEC may subscribe to CCS7 Transit services if CCS7 interconnection is in place at a gateway STP.

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

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

A CLEC transiting CCS7 messages from a third party will also be charged for each carrier where appropriate.

ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued

3. TERMS AND CONDITIONS – continued

F. Remote Switching and DSLAM Information

The Company will provide a paper copy of the following information for each exchange requested in an order from a CLEC or DSLSP:

- 1) 8 digit CLLI code for each wire center.
- 2) Wire center name.
- 3) Exchange name.
- 4) Civic address of each wire center.
- 5) Remote switch name (if available).
- 6) 8 digit CLLI code for remote switch.
- 7) Identification as to whether the remote identified in (5) above is fed by fibre or copper.
- 8) The maximum (core) capacity of each remote identified in (5) above.

A charge per order shall apply.

A charge shall apply for each exchange map provided as requested in an order.

The provision of the above information will be within ten (10) business days of a request and will be subject to the signing of a non-disclosure agreement with the Company.

G. As a condition of service under this tariff, and in accordance with paragraphs 50, 66 and 104 of Telecom Regulatory Policy CRTC 2009-657, *Review of the Internet traffic management practices of Internet service providers* (TRP 2009-657), customers employing "Internet Traffic Management Practices" (ITMPs) shall:

- 1) whether or not they are Canadian carriers, abide by the requirements of subsection 27(2) of the *Telecommunications Act* with regard to any ITMPs they employ;
- 2) abide by the disclosure requirements described in TRP 2009-657; and
- 3) not use for other purposes personal information collected for the purposes of traffic management or disclose such information.

N

ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued

4. RATES AND CHARGES - continued

M

A. Local Network Interconnection

Rates and charges for the elements described below are specified in the individual tables following these descriptions, unless otherwise specified.

1) CCS7 Signalling Interconnection

- a) CCS7 Interconnection provides CLECs with the ability to interconnect their own CCS7 signalling network with MTS Allstream's CCS7 signalling network in order to exchange the signalling information necessary to support the completion of calls between the two networks.
- b) CCS7 Cross-Connection provides a digital transmission path which supports the transmission of a DS-0 channel signal from the CLEC's co-located transmission equipment to MTS Allstream's gateway STP.
- c) A one-time service charge applies for the engineering, operations and translations work required to provision the initial CCS7 Interconnection for CLEC switch to MTS Allstream's gateway STP connection.
- d) CLEC requests for rearrangements and subsequent additions to CLEC switch to MTS Allstream's gateway STP connections will be provided for through a Special Facilities Tariff, based on the expense incurred where applicable.

2) Routing of CLEC Toll-Free Calls

C

CLEC originated toll-free calls may be routed to MTS Allstream's gateway. MTS Allstream will perform the switching and aggregation, carrier identification and routing to the toll-free service provider. These calls may be routed over either one-way or "Bill and Keep" two-way trunks. If one-way trunks are used, the CLEC is responsible for all costs associated with provisioning the trunks between its switch and MTS Allstream's gateway, due to the unidirectional nature of the connection. If two-way trunks are used, the CLEC shares with MTS Allstream the costs of provisioning the trunks between its switch and MTS Allstream's gateway. Regardless of the directionality, trunk termination charges do not apply.

C

C

M

M - Moved from page 47

M - Moved to page 49

**SUPPLEMENTARY TARIFF  
ACCESS SERVICES FOR  
INTERCONNECTION WITH CARRIERS  
AND OTHER SERVICE PROVIDERS  
ACCESS ARRANGEMENTS**

---

ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued

4. RATES AND CHARGES - continued

B. Reserved for future use.

D

**SUPPLEMENTARY TARIFF  
ACCESS SERVICES FOR  
INTERCONNECTION WITH CARRIERS  
AND OTHER SERVICE PROVIDERS  
ACCESS ARRANGEMENTS**

---

ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued

4. RATES AND CHARGES - continued

B. Reserved for future use

**D**

## ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING – continued4. RATES AND CHARGES – continued

## B. Unbundled Network Components – continued

## 3) Connecting Links

- a) A Connecting Link is a transmission path which connects the Company provided Local Loop from the COLT to the CLEC's or DSLSP's co-located transmission equipment located in the Company's Central Office or equivalent.

## 4) Reserved for future use.

## 5) Relay Service

- a) Relay Service, as offered by the Company, provides a Deaf, hard of hearing or speech-impaired customer, with the ability to communicate with other customers through the use of a Teletypewriter (TTY). A specially trained operator (a "Relay Operator") assists in the placing or receiving of calls to/from persons using a TTY. A separate rate per Network Access Service (NAS) or per working Telephone Number (WTN) will be assessed to the CLEC or to the WSP for access to Relay Service. C

- b) In addition, Internet Protocol Relay (IPRS) enables a person using an Internet-enabled device (e.g. computer) to communicate with another person (or vice-versa) over the telephone network. A specially trained Relay Operator assists in the placing or receiving of calls to/from persons IPRS. The Relay Operator transmits messages via Internet Protocol (IP)-based text conversation with a person with a hearing or speech-impaired disability and via voice conversation with a person without such a disability. C

- c) All references to Relay Service include both TTY based Relay Service and IPRS. C

- d) In order to automatically convey location information to the appropriate Emergency Response Centre or Public Safety Answering Point (PSAP), it is recommended that the customer register for Text with 9-1-1 Service (T9-1-1 Service) for 9-1-1 calls with a cellphone or call 9-1-1 directly using TTY over a landline as certain limitations apply to 9 1 1 calls made through Relay Service. Emergency calls originating from Relay Service will be handled differently than 9-1-1 calls which originate from traditional wireline services. The Customer must inform all users and potential users of the service of the nature, obligations, and limitations of placing an emergency call with Relay Service. C

M<sup>1</sup>M<sup>1</sup> – Moved to page 51.1

## ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING – continued

4. RATES AND CHARGES – continued

B. Unbundled Network Components – continued

5) Relay Service – continued

- e) Basic 9-1-1 Service will be provided with TTY-based Relay Service. Where a TTY user requests the Relay Operator to place a call to emergency services, the TTY user will have to provide their specific address/location. Once this information has been successfully provided to the Relay Operator, the Relay Operator will route the call to the appropriate Emergency Response Centre or PSAP corresponding to the provided address/location.
- f) Nomadic Voice over Internet Protocol (VoIP) 9-1-1 Service will be provided for 9-1-1 dialing from IPRS. Emergency calls placed with IPRS will be routed to a Relay Operator and the caller will have to provide their specific address/location. Once this information has been successfully provided to the Relay Operator, the Relay Operator will route the call to the appropriate Emergency Response Centre or PSAP corresponding to the provided address/location.
- g) Emergency calls originating from an address or location outside of Canada cannot be routed to any Emergency Response Centre or PSAP.
- h) Failures in any customer-provided equipment or customer-provided network; outages of the Company's network; or a Relay Service outage may prevent 9-1-1 dialing from working.
- i) IPRS includes a feature for IPRS users to input and update their location information. The IPRS user is solely responsible for providing the correct location information and for keeping it up to date. This location information may be used to route the emergency call and/or for dispatch if the IPRS user is unable to communicate their location during an emergency call.
- j) If the user does not provide the correct address and location information, emergency services may be dispatched to the wrong address. In such cases, the Company and its suppliers are not liable for any and all claims or actions arising out of any such misrouted emergency calls. Without limitation, the Company and its suppliers are not liable for any and all claims or actions arising out of a user's failure to provide accurate and current address and location information or for the failure of a user to provide complete or accurate information, in order to properly dispatch emergency services.

N

N

C

M<sup>1</sup>

C

M<sup>1</sup>

N

N

M<sup>1</sup> – Moved from page 51

## ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING – continued

4. RATES AND CHARGES – continued

B. Unbundled Network Components – continued

5) Relay Service – continued

- k) For new Customers that began subscribing to Relay Service after 1 June 2021, the Customer shall provide the Company with a forecast of anticipated monthly call volumes.
- l) 9-1-1 Service is not available in certain parts of Canada where local authorities have not made it available.
- m) For IPRS (including 9-1-1 Service) to work, the user is responsible for: (1) the supply of electrical power; and (2) the proper maintenance of IPRS-enabling equipment, including replacing the battery, if any, and contacting their voice or Internet service provider for technical servicing as required.
- n) The Customer disclaims all liability of any kind of the Company's licensors and suppliers. The Customer agrees to discharge, waive and release the Company's licensors and suppliers from any claims, liabilities and damages, known or unknown, arising out of or relating to the Customer's interactions with such parties and their products and services, and further agrees that it may enforce rights, benefits and remedies relating to such products or services only against the Company.

---

**ITEM**

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued

4. RATES AND CHARGES – continued

B. Unbundled Network Components – continued

6) Emergency Service (9-1-1)

- M
- a) Emergency Service (9-1-1) provides a CLEC with access to MTS Allstream's Emergency 9-1-1 Service.
  - b) The service (9-1-1) is available to CLECs by establishing a Trunk-side Interconnection to MTS Allstream's 9-1-1 tandem switch. A separate rate per Network Access Service (NAS) or Working Telephone Number (WTN) will be assessed to the CLEC for such access.
  - c) The type of access may vary with the type of service available in MTS Allstream's operating territory, but will generally involve one of two types:
    - 1. Regional Emergency 9-1-1 Service: To be negotiated between CLECs, MTS Allstream and Agencies.
    - 2. Province-wide 9-1-1 Service: Province-wide 9-1-1 Service access is provided at the rates and charges shown. In addition, data connections are provided between the CLEC's customer record information system and MTS Allstream's 9-1-1 database interface.

M – Moved from page 51

---

Filing Date: March 21, 2011

TN 705A

Effective Date: April 1, 2011

Interim Approval in Telecom Order CRTC 2011-225, April 1, 2011  
Final Approval in Telecom Order CRTC 2011-275, April 28, 2011

**SUPPLEMENTARY TARIFF  
ACCESS SERVICES FOR  
INTERCONNECTION WITH CARRIERS  
AND OTHER SERVICE PROVIDERS  
ACCESS ARRANGEMENTS**

ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued

4. RATES AND CHARGES - continued

C. The Local Network Interconnection and the Unbundled Network Component rates and charges are as follows:

	<u>Monthly Rate</u>		<u>Service Charge</u>
Local Network Interconnection:			
CCS7 Signalling Interconnection - CLEC			
Switch to MTS Inc.			
Gateway STP or SPOI, each link	\$550.44	*	---
One-Time Service Charge	---		\$38,627.08
Cross-connection, each (2)			*

Because the Commission has forborne, in Telecom Regulatory Policy CRTC 2009-19, with respect to the regulation of Unbundled Loops service as set out in that decision, MTS Inc. may also provide Unbundled Loops in this tariff item at rates and on terms different from the tariffed rates and terms pursuant to an agreement entered into between MTS Inc. and a competitor that has been filed with the Commission for the public record.

**SUPPLEMENTARY TARIFF  
ACCESS SERVICES FOR  
INTERCONNECTION WITH CARRIERS  
AND OTHER SERVICE PROVIDERS  
ACCESS ARRANGEMENTS**

ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued

4. RATES AND CHARGES - continued

C. The Local Network Interconnection and the Unbundled Network Component rates and charges are as follows: - continued

Because the Commission has forborne, in Telecom Regulatory Policy CRTC 2009-19, with respect to the regulation of Riser Space service as set out in that decision, the Company may also provide Riser Space in this tariff item at rates and on terms different from the tariffed rates and terms pursuant to an agreement entered into between the Company and a competitor that has been filed with the Commission for the public record.

C  
|  
C

	<u>Monthly Rate</u>	<u>Service Charge</u>
Relay Service:		
Set-up Charge, per CLEC, TTY based Relay	-	85.66
per CLEC, IP Relay		See Item 105.3.A.17)
per NAS or WTN	0.34	-
Province-Wide-9-1-1 Service:		
Access by CLEC end-customers, per NAS or WTN	General Tariff Item 485	-
Trunks between CLEC Switch & 9-1-1 Tandem Switch	SSF Item 6002 and and AST Item 125	-

D

D

**SUPPLEMENTARY TARIFF  
ACCESS SERVICES FOR  
INTERCONNECTION WITH CARRIERS  
AND OTHER SERVICE PROVIDERS  
ACCESS ARRANGEMENTS**

ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued

4. RATES AND CHARGES - continued

D. Compensation for Traffic Terminations

1) Termination of Bill and Keep Traffic

For traffic that is interchanged between a CLEC and MTS Inc. and terminated within the same exchange or LIR, traffic imbalance may occur. When a traffic imbalance exists, the party, either the CLEC or MTS Inc. which originates less traffic than it terminates is entitled to compensation. It is the responsibility of the party who is entitled to the compensation to detect and apply charges for the imbalance.

MTS Inc. will notify the CLEC when an imbalance is detected in MTS Inc.'s favour. The monthly rates specified below apply, for each trunk required at the busiest hour of the month, on the basis of actual traffic imbalances from the date of notification of the imbalance, for as long as the imbalance exists. The rates below for exchange based interconnection apply as defined in Item 105.1.F.

Monthly Rate for each trunk  
For exchange based termination of CLEC traffic

For traffic imbalance of	greater than <u>20%</u>	greater than <u>40%</u>	greater than <u>60%</u>
up to 24 trunks, each trunk	\$ 4.29 *	\$ 7.14 *	\$ 10.04 *
up to 48 trunks, each trunk	6.74	11.23	15.74
up to 72 trunks each trunk	7.47	12.44	17.42
up to 96 trunks, each trunk	7.85	13.06	18.32
more than 96 trunks, each trunk	8.01 *	13.39 *	18.75 *

Monthly rate for each trunk  
For LIR based termination of CLEC traffic

For traffic imbalance of	greater than <u>10%</u>	greater than <u>20%</u>	greater than <u>30%</u>	greater than <u>40%</u>	greater than <u>50%</u>	greater than <u>60%</u>	greater than <u>70%</u>	greater than <u>80%</u>	greater than <u>90%</u>
up to 24 trunks, each trunk	\$ 1.83 *	\$ 3.06 *	\$ 4.31 *	\$ 5.53 *	\$ 6.78 *	\$ 7.97 *	\$ 9.24 *	\$ 10.47 *	\$ 11.69 *
up to 48 trunks, each trunk	2.22	3.70	5.19	6.65	8.14	9.62	11.11	12.57	14.07
up to 72 trunks, each trunk	2.36	3.92	5.48	7.05	8.63	10.21	11.78	13.34	14.92
up to 96 trunks, each trunk	2.44	4.03	5.66	7.29	8.90	10.55	12.13	13.77	15.39
over 96 trunks, each trunk	2.48 *	4.12 *	5.81 *	7.44 *	9.10 *	10.74 *	12.41 *	14.07 *	15.72 *

## ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued4. RATES AND CHARGES - continued

## D. Compensation for Traffic Terminations – continued

## 2) Delivery of CLEC Traffic within MTS Inc.'s EAS Areas

CLEC traffic interchanged in an exchange or LIR can be delivered to MTS Inc.'s subscribers in other exchanges that have EAS with the exchange or exchange within the LIR via separate one-way or two-way trunks interconnected to the gateway in the originating exchange or LIR.

If one-way trunks are used, the CLEC is responsible for all costs associated with provisioning the trunks between its gateway and MTS Inc.'s gateway, due to the unidirectional nature of the connection. In addition, the service charges and trunk termination charges specified below apply to the one-way trunks.

If two-way trunks are used, the CLEC shares with MTS Inc. the costs of provisioning the trunks between its gateway and MTS Inc.'s gateway, due to MTS Inc.'s ability to route traffic from its subscribers within the EAS area to the CLEC over these trunks. In addition, one-half of the trunk termination charges specified below apply to each of the trunks in the two-way trunk group. Service charges do not apply.

	<u>Monthly Rate</u>	<u>Service Charge</u>
Order Processing, each order	N/A	\$103.63 *
Interconnection trunk activation or change each trunk	N/A	13.75 *
Trunk Termination Charge		
up to 24 trunks, each trunk	\$13.25 *	N/A
up to 48 trunks, each trunk	20.81	N/A
up to 72 trunks, each trunk	23.04	N/A
up to 96 trunks, each trunk	24.21	N/A
more than 96 trunks, each trunk	24.87 *	N/A

ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued

4. RATES AND CHARGES - continued

E. Compensation for Transiting Service

1) Transit Services

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

Local Transit service provides CLECs with the option to deliver traffic within an exchange, LIR or EAS area via MTS Allstream's network.

The monthly charges apply on a per trunk basis for each trunk used to deliver local exchange transit traffic to MTS Allstream and applies based on the size of the trunk group. Each transit trunk is provided on a DS-0 basis.

The service charge includes a one-time order processing charge and a trunk activation/change charge per trunk.

Toll Transit service provides CLECs and IXCs with the option to deliver their toll traffic to each other via MTS Allstream's networks.

For Toll Transit - terminating traffic, monthly charges apply to the IXC for interconnecting circuits and for network usage.

Toll Transit - originating traffic, in cases where MTS Allstream bills the IXC, monthly charges for interconnecting circuits and network usage apply. Where MTS Allstream bills the CLECs, monthly charges apply on a per trunk basis for each trunk used to deliver transit traffic to MTS Allstream. These charges apply on a per trunk basis based on the size of the trunk group. Each transit trunk is provided on a DS-0 basis.

Service charges for both Toll Transit - terminating and originating apply to an IXC for any incremental facilities over which interconnecting circuits with trunk-side access are provided, as specified in MTS Allstream's Carrier Access Tariffs.

C  
|  
D

**SUPPLEMENTARY TARIFF  
ACCESS SERVICES FOR  
INTERCONNECTION WITH CARRIERS  
AND OTHER SERVICE PROVIDERS  
ACCESS ARRANGEMENTS**

ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued

M

4. RATES AND CHARGES - continued

E. Compensation for Transiting Service - continued

1) Transit Services - continued

Basic CCS7 Transit service provides for transiting of Integrated Services Digital Network User Part ("ISUP") messages where the carriers have implemented direct message trunking and TCAP messages to support Call Management Services ("CMS") functionality between CLECs and between CLECs and WSPs operating in the same ILEC exchange and between CLECs and IXCs.

Enhanced CCS7 Transit service provides all the functionality of Basic CCS7 Transit service regardless in which territory the carriers operate.

CCS7 Transit to a competitive LNP SCP service provides for the transiting of TCAP messages between a CLEC and a competitive LNP SCP service provider to query a competitive LNP SCP and return the CCS7 response message.

The monthly rate for either the Basic or Enhanced CCS7 Transit services and/or CCS7 transit to a competitive LNP SCP service applies for each ILEC territory in which a CLEC operates.

CCS7 Transit to a competitive LNP SCP monthly rate applies to the competitive LNP SCP service provider once for each of its customers using the CCS7 Transit service to connect to a competitive LNP SCP service and for each ILEC territory where its customers operate.

Service charges apply per order on both the initial and subsequent orders.

M

M - Moved from page 56

M - Moved to page 58

**Issue Date: October 27, 2000**

**Effective Date: October 20, 2000**

**SUPPLEMENTARY TARIFF  
ACCESS SERVICES FOR  
INTERCONNECTION WITH CARRIERS  
AND OTHER SERVICE PROVIDERS  
ACCESS ARRANGEMENTS**

ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued

4. RATES AND CHARGES - continued

E. Compensation for Traffic Terminations - continued

2) Local Transit Service provided to CLECs for the delivery of local transit traffic to another CLEC within the same exchange, LIR or EAS area.

C  
|

	<u>Monthly Rate</u>	<u>Service Charge</u>
Order Processing, each order	-	\$126.96
Trunk activation or change each trunk	-	16.79
Transit Charge		
up to 24 trunks, each trunk	\$35.24	-
up to 48 trunks, each trunk	37.49	-
up to 72 trunks, each trunk	38.18	-
up to 96 trunks, each trunk	38.55	-
more than 96 trunks, each trunk	38.64	-

**SUPPLEMENTARY TARIFF  
ACCESS SERVICES FOR  
INTERCONNECTION WITH CARRIERS  
AND OTHER SERVICE PROVIDERS  
ACCESS ARRANGEMENTS**

ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued

4. RATES AND CHARGES - continued

E. Compensation for Traffic Terminations - continued

- 3) Toll Transit Service provided to CLECs and/or IXC's for delivery of toll traffic to each other via MTS Allstream's networks.

	<u>Monthly Rate</u>	<u>Service Charge</u>
Toll Transit Service – Terminating Traffic Charge		
Inward Order, each DS-0 set	-	(1, 2)
Change Order, each DS-0 set	-	(1, 2)
Interconnecting Circuits	(1)	(1)
Network Usage Charge, per minute	(3)	-
Originating Traffic Charge		
Inward Order, each DS-0 set	-	(1, 2)
Change Order, each DS-0 set	-	(1, 2)
Interconnecting Circuits	(1)	(1)
Network Usage Charge, per minute	(3)	-

- 4) CCS7 Transit Services provided to CLECs, WSPs and IXC's to deliver CCS7 signalling messages between two different carriers i.e. CLECs, WSPs and IXC's.

N  
|  
|

Notes:

- (1) The rates and charges specified in Item 125 apply to an IXC for any incremental facilities over which interconnecting circuits with trunk-side access are provided. Alternatively, in the case of co-location, charges specified in Item 110 of the Access Services Tariff For Interconnection With Carriers And Other Service Providers apply.
- (2) In addition to the service charges referenced in Note 1, the service charges specified in Item 40.1.G.1. – 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.
- (3) The rates and charges apply to an IXC as specified in Item 40.3.D. – Switching and Aggregation Charge.

**SUPPLEMENTARY TARIFF  
ACCESS SERVICES FOR  
INTERCONNECTION WITH CARRIERS  
AND OTHER SERVICE PROVIDERS  
ACCESS ARRANGEMENTS**

ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued

4. RATES AND CHARGES - continued

E. Compensation for Traffic Terminations - continued

- 4) CCS7 Transit Services provided to CLECs, WSPs and IXCs to deliver CCS7 signalling messages between two different carriers i.e. CLECs, WSPs and IXCs. - continued

	<u>Monthly Rate</u>	<u>Service Charge</u>
CCS7 Transit Services		
Basic CCS7 Transit Service (1, 5)	\$7.60	---
Enhanced CCS7 Transit service (1, 5)	\$132.40	---
Competitive LNP-SCP (1, 2)	\$189.54	---
Initial Service Charge, per order (3)	---	\$3,363.90
Subsequent Service Charge, per order (4)	---	\$2,519.80

Notes:

- (1) The monthly rate for 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 Manitoba, between CLECS and WSPs operating in Manitoba, between CLECS and IXCs, between IXCs, and between IXCs and WSPs. The monthly rate for Enhanced CCS7 Transit Service provides all the functionality of Basic CCS7 Transit Service where the carriers are operating outside of Manitoba.
- (2) 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 customers operate.
- (3) A service charge of \$3,363.90 applies per order, for an initial CCS7 Transit Service request independently from the type of CCS7 Transit Service ordered, the number of locations within an ILEC's territory, the number of ILEC's territories where transiting is requested or the number of carriers associated with the transit arrangements.
- (4) A service charge of \$2,519.80 applies per order, for (a) a subsequent CCS7 Transit Service request independently from the type of CCS7 Transit Service ordered, the number of locations within an ILEC's territory, the number of ILEC's territories where transiting is requested or the number of carriers associated with the transit arrangements, and/or (b) a subsequent change to call screening translations for the CCS7 signaling on local and toll transiting. C |
- (5) A LEC must subscribe once for each of its customers using the CCS7 Transit Service to connect to its BNS database and for each ILEC territory in which its customers operate.

**SUPPLEMENTARY TARIFF  
ACCESS SERVICES FOR  
INTERCONNECTION WITH CARRIERS  
AND OTHER SERVICE PROVIDERS  
ACCESS ARRANGEMENTS**

ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING - continued

4. RATES AND CHARGES – continued

Because the Commission has forborne, in Telecom Regulatory Policy CRTC 2009-19, with respect to the regulation of Remote switching and DSLAM information service as set out in that decision, MTS Inc. may also provide Item 105.4.F. in this tariff item at rates and on terms different from the tariffed rates and terms pursuant to an agreement entered into between MTS Inc. and a competitor that has been filed with the Commission for the public record.

- F. Remote Switching and DSLAM Information
  - Per Order \$121.17
  - Per Exchange Map \$183.95

G. Where the Company has responsibility and control of copper in-building wire in a multi-dwelling unit (MDU), and where a CLEC or Carrier Internet Service Provider (Carrier ISP) that provides its own facilities to the main terminal room (MTR) of an MDU wants to use the in-building wire that is owned by the Company to complete the service to the CLEC's or Carrier ISP's customer, the Company will permit the CLEC or Carrier ISP to connect to and use the Company's copper in-building wire at no-charge. At the time of connection by the CLEC or Carrier ISP to the Company's copper in-building wire, the CLEC or Carrier ISP takes responsibility and control for its customer's end-to-end service.

5. LOCAL INTERCONNECTION REGIONS (LIR)

A. The following tables list the assigned Company exchanges associated with each of the nine LIR as designated by the Commission, with the location of the Point of Interconnection (POI) bolded for each LIR. The CLLI code for each POI is also shown.

B: The POI is the location within an LIR where a LEC can interconnect with the Company for the purpose of exchanging Bill and Keep traffic.

Brandon LIR (POI: BRNDMB02) Exchanges:

Alexander	Arden	Baldur	Basswood	Belmont
Beulah	Binscarth	Birtle	Boissevain	<b>Brandon</b>
Brookdale	Carberry	Cartwright	Clanwilliam	Clear Lake
Crandall	Cromer	Cypress River	Douglas (includes Shilo)	Eden
Elgin	Elkhorn	Elphinstone	Erikson	Foxwarren
Glenboro	Glenella	Hamiota	Hartney	Inglis
Kelwood	Kenton	Killarney	McAuley	Miniota
Minnedosa	Minto	Neepawa	Newdale	Ninette
Oak Lake	Oak River	Oakburn	Pipestone	Plumas
Rapid City	Reston (includes Sinclair)	Rivers	Roblin	Rosburn
Russell	Sandy Lake	Shoal Lake	Souris	St. Lazare
Strathclair	Virden	Wawanesa		

Dauphin LIR (POI: DAPHMB01) Exchanges:

Alonsa	Camperville	Cowan	<b>Dauphin</b>	Eddystone
Ethelbert	Fork River	Gilbert Plains	Grandview	McCreary
Ochre River	Pine River	Rorketon	Sifton	Ste. Rose du Lac
Waterhen	Winnipegosis			

## ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING – continued5. LOCAL INTERCONNECTION REGIONS (LIR)- continued

Melita LIR (POI : MELTMB01) Exchanges:

Deloraine <b>Melita</b>	Goodlands Pierson	Lyleton Tilston	Medora Napinka Waskada
----------------------------	----------------------	--------------------	---------------------------

Morris LIR (POI: MRRSMB01) Exchanges:

Dominion City Ste. Agathe	Emerson St. Jean Baptiste	Letellier St. Malo	<b>Morris</b> St. Pierre-Jolys
------------------------------	------------------------------	-----------------------	-----------------------------------

Selkirk LIR (POI: SLKRMB01) Exchanges:

Arborg	Ashern	Beausejour
Berens River	Bissett	Brokenhead
Easterville	Fisher Branch	Fisher River (includes Jackhead)
Fraserwood	Gimli	Grand Beach (includes Victoria Beach)
Grand Rapids	Gull Lake	Gypsumville
Hecla	Lac du Bonnet	Libau
Little Grand Rapids	Lockport	Manigotagan
Petersfield	Pinawa	Pine Dock (Bloodvein)
Pine Falls	Pointe du Bois	Poplarfield
Rennie	Riverton	<b>Selkirk</b>
Steepprock	Vidir	Whitemouth
Winnipeg Beach		

Steinbach LIR (POI: STNBMB01) Exchanges:

Altona	Carman	Darlingford	Eriksdale
Falcon Lake	Gretna	Grunthal	Hadashville
Inwood	Kleefeld	La Broquerie	Lorette
Landmark	Lundar	Manitou	Marquette
Morden	Niverville	Piney	Plum Coulee
Snowflake	Sprague	St. Laurent	Ste. Anne
<b>Steinbach</b>	Stony Mountain	Tuelon	Vita
Warren	Winkler	Woodlands	Woodridge

Swan River LIR (POI: SWRVMB01) Exchanges:

Benito	Birch River	Bowsman	Mafeking
Minitonas	Pelican Rapids	<b>Swan River</b>	

## ITEM

105 LOCAL NETWORK INTERCONNECTION AND COMPONENT UNBUNDLING – continued5. LOCAL INTERCONNECTION REGIONS (LIR)- continued

Thompson LIR (POI: THSNMB01) Exchanges:

Brochet TES	Churchill	Clearwater Lake
Cormorant	Cranberry Portage (includes Sherridon)	Cross Lake
Flin Flon	Gillam	Gods Lake Narrows (includes Gods River)
Ilford	Island Lake (includes Garden Hill, St. Theresa Point and Waasagomach)	Lac Brochet TES (1)
Leaf Rapids	Lynn Lake	Moose Lake
Nelson House	Norway House	Oxford House
Pikwitonei	Poplar River TES (1)	Puktawagan TES (1)
Red Sucker Lake	Shamattawa TES (1)	Snow Lake
South Indian Lake	Split Lake (includes York Landing)	Sundance
Tadoule Lake TES (1)	The Pas	Thicket Portage
<b>Thompson</b>	Wabowden	Wanless

Note: (1) TES sites are communication satellite Terrestrial (T) transmitting stations combined with receiving Earth Stations (ES) for the provision of telephony services.

Winnipeg LIR (POI: WNPGB02) Exchanges:

Alpine *	Amaranth	Anola	Austin
Charleswood *	Crystal City	Dugald	Edison *
Edwin	Elie	Elm Creek	Fort Rouge *
Gateway *	Gladstone	Hazelridge	Holland
Inkster Park *	Langruth	Macdonald	MacGregor
<b>Main and Whitehall *</b>	Miami	Niagara*	Norwood *
Notre Dame de Lourdes	Oakbank	Oakville	Pembina*
Pilot Mound	Poplar Point	Portage la Prairie	Rathwell
Roland	Sanford	Sherbrook*	Sidney
Somerset	Southport	Sperling	St. Adolphe
St. Claude	St. Francois Xavier	St. John*	Starbuck
Stephenfield	Stonewall	Swan Lake	Transcona *
Treherne	Vernon*		

\* Wire Centres that constitute the Winnipeg Exchange.

6. SIGNALLING POINT OF INTERCONNECTION(SPOI) LOCATIONS BY NPA

A. A SPOI allows CCS7 connection to the gateway STP. The SPOI location for Manitoba is as follows:

NPA designation: 204  
 CLLI code: WNPGB02  
 Building Address: Winnipeg, Manitoba