ITEM 231 **Wireless Service Providers (WSP) – Network Access Service**

ITEM 231.1 **Service Description**

Wireless Service Providers (WSPs) – Network Access Service provides for the interconnection (either on a line-side or a trunk-side basis) between the Company's switched network and a WSP's public mobile radio-telephone service. WSP – Network Access Service also provides access to and from the Company's central office switching equipment and the Company's Public Switched Telephone Network (PSTN) by WSPs in order to utilize conventional radio frequencies to provide and operate public dispatch or radio telephone service within a defined geographical area. Access to the Company's switched network is provided through a designated Company's central office.

ITEM 231.2 **Definitions**

For the purposes of this Tariff Item:

"*Access Service Channel*" provides the Facilities from the WSP's point of interconnection to the Company's central office. Only digital channels are available for Access Service Channels. Each Access Service Channel provides one (1) DS-0 digital access channel. All Access Service Channels are terminated at the WSP's point of interconnection.

"*CCS7 Signalling Interconnection*" (*i.e.,* CCS7 signalling on trunk-side interconnection) will provide WSPs using trunk-side interconnection with the ability to interconnect their own CCS7 signalling network with the Company's CCS7 signalling network in order to exchange ISUP (*i.e.,* ISDN User Part) signalling information necessary to support the completion of calls between the two networks. Additional CCS7 Signalling Interconnection (*i.e.,* port connection only) monthly rate applies per Tariff Item 231.4.6. The digital access and network transport facilities to carry the CCS7 signal between the Company's gateway STP (signal transfer point) and the WSP STP (via D-link channels) or WSP switch (via A-link channels) can be supplied by the WSP, or subscribed from the Company per Tariff Item 231.4.1. Transport of CCS7 messages between the Company's gateway STP and the WSP STP (or WSP switch) is provided as part of the Digital Access Service Channels identified in Tariff Item 231.4.1 if subscribed to from the Company.

"CCS7 Signalling via Third Party Transit" or "CCS7 via Transit" will provide WSPs using trunk-side interconnection with the ability to exchange signalling with the Company's CCS7 signalling network via a third party CCS7 network. The WSP may select the third party subject to conditions set out below. N

"CCS7 Transit Service" will provide WSPs subscribing to CCS7 Signalling Interconnection with the ability to exchange signalling with a third party CCS7 network via the Company's CCS7 Network.

ITEM 231 **Wireless Service Providers (WSP) – Network Access Service - Continued**

ITEM 231.2 **Definitions - Continued**

"*Local Tandem*" is a functionality which permits a local switch to route calls within the associated Company's Local Calling Area (including any associated Extended Area Service) without requiring a direct trunk-side connection with each of the Company's local switches within that Local Calling Area.

"*Telephone Numbers*" are ten-digit numbers with out-pulsing.

"*Trunk-side Termination*" provides for the interconnection and routing of all traffic to telephone numbers within the Company's Local Calling Area where the Company interconnects with a WSP's point of interconnection for WSP - Network Access Service. For clarity, trunk-side termination provides traffic routing as follows:

- Traffic from the Company's PSTN to a WSP's network; and
- Traffic from a WSP's network to the Company's local PSTN.

"WSP Link" provides the central office equipment required to terminate an Access Service Channel in a specific Company central office. Answer supervision is included. Multi-frequency signalling may be used.

"Wireless Service Network" provides the additional common equipment and facilities in the Company's central office required to process a telephone call in the PSTN.

"Wireless Service Provider (WSP)" includes Cellular Service Operators, service operators providing Specialized Mobile Radio/Enhanced Specialized Mobile Radio (SMR/ESMR) and service operators providing Personal Communications Services (PCS). A WSP must be duly licensed under the *Radiocommunication Act* to provide public mobile radio service in areas served by the Company. A WSP may also interconnect with the Company's PSTN to provide transmission services to radio paging and air-to-ground service operators.

ITEM 231 **Wireless Service Providers (WSP) – Network Access Service - Continued**

ITEM 231.3 **Conditions of Service**

1. The WSP shall be the Company's customer for the interconnection and services provided under this Item. The provision of this Tariff Item is subject to the Company's General Terms of Service (as referenced in Item 100) and all applicable service conditions, rates and charges, as amended from time to time and approved by the CRTC. The WSP shall pay to the Company all charges incurred for services provided through any connections furnished to the WSP pursuant to this Tariff Item, such as long-distance telephone calls, directory assistance, operator assistance and other chargeable services. Terms, conditions and charges for non-tariffed or forborne services shall be as specified by the Company from time to time.

2. The provision of WSP–Network Access Service by the Company to the WSP pursuant to this Tariff Item does not constitute a partnership, joint venture or joint undertaking between the Company and the WSP.

3. The Company shall not be responsible to the WSP's end-customers for end-to-end service.

4. Where the WSP's end-customer desires a directory listing for any telephone number, the WSP will arrange its listing requirements with a directory listing provider of its choice.

5. The Company reserves the right to modify or change, from time to time and in its sole discretion, its network, facilities, equipment or service (including exchange boundaries or Local Calling Area boundaries) in accordance with the applicable provisions of the Company's tariffs and CRTC directives.

6. WSP–Network Access Service shall be provided by the Company, upon request from a WSP, only at such locations (and in respect of such facilities and equipment of the Company) that meet the applicable industry and technical standards and guidelines, as well as CRTC stipulations, established for interconnection. The service shall be provisioned subject to the availability of suitable Company facilities and equipment at the service location requested.

7. Where the Company's network does not meet the technical or operational service requirements of the WSP's system and network service (or any part thereof), the WSP shall supply, or obtain from the Company, additional service and equipment as required to meet such technical or operational service requirements. The WSP shall pay to the Company all of the Company's charges for such additional labour, service and equipment in addition to all other charges the WSP is required to pay to the Company pursuant to this Tariff Item.

ITEM
231 **Wireless Service Providers (WSP) – Network Access Service - Continued**

ITEM
231.3 **Conditions of Service - Continued**

8. The WSP will furnish to the Company, at no charge, adequate equipment space and electrical power required by the Company at the WSP's premises to provide the connections under this Tariff Item.

9. All connections shall be available to the Company at times mutually agreed upon in order to permit the Company to make tests and adjustments appropriate for maintaining the Company's circuits in satisfactory operating condition. Such tests and adjustments shall be completed within reasonable time.

10. The WSP must ensure that its services, facilities or equipment will not interfere with, impair or cause damage to the Company's services, facilities or equipment; or endanger the safety of Company employees or the public. In the event of any failure to comply with this condition, the Company will notify the WSP in writing that temporary discontinuance of the use of the Company's services, facilities or equipment may be required. When prior notice is not practicable, the Company may temporarily discontinue, without notifying the WSP, the provision of a service, facility or equipment if such action is reasonable under the circumstances. In cases of such temporary discontinuance, the WSP will be notified verbally (and in writing as soon as possible after the temporary discontinuance) and afforded the opportunity to correct the situation.

11. For planning purposes only, the WSP shall furnish to the Company, in the format and in the manner specified by the Company from time to time, a forecast of the WSP's requirements. However, the Company shall not be obligated to meet the WSP's requirements as forecast unless the WSP commits to procure such requirements from the Company, in which case the Company's obligation shall be limited to provision within reasonable time. The information provided by the WSP pursuant to this Tariff Item shall be kept confidential by the Company in accordance with the provisions specified in Tariff Item 231.3.19 below.

ITEM 231 **Wireless Service Providers (WSP) – Network Access Service - Continued**

ITEM 231.3 **Conditions of Service - Continued**

12. The Company shall only respond to trouble reports from the WSP, or the WSP's duly authorized representatives, after the WSP has first determined the trouble does not originate in the WSP's system or network service. The WSP shall instruct its end-customers to report all cases of trouble to the WSP. In the event a trouble reported to the Company by the WSP and subsequently found to be not caused by the Company's network or services, the Company will charge the WSP based upon the reasonable costs incurred by the Company or in accordance with the Company's tariffs as applicable.

13 Telephone Numbers:

a. Where numbering plans allow, Telephone Numbers will be reserved for or assigned to the WSP in blocks of at least 100 consecutive numbers (beginning with 00 and ending in 99). The WSP and its end-customers do not acquire any property rights in any and all Telephone Numbers Reserved or Telephone Number Assigned. The Company may change the Telephone Numbers Reserved to meet the reasonable operating and service requirements of the Company. The Company shall not be obliged to provide, at later days, Telephone Number blocks that are consecutive to those previously reserved by or assigned to the WSP.

b. If there is a scarcity of NXX codes, the Company and the WSP will share NXX codes on a fair and equitable basis. If only one NXX code is open in an exchange then WSPs may be required to share the same NXX code.

ITEM 231 **Wireless Service Providers (WSP) – Network Access Service - Continued**

ITEM 231.3 **Conditions of Service - Continued**

14. Wireless Service Network is used for line-side interconnection. Trunk-side termination is used for trunk-side interconnection. Both allow processing of telephone calls both in the Company central office and in the Local Calling Area where a call originates or terminates.

15. Local tandem functionality is only available in Company's local switches that are designated by the Company as the local tandem switch for the WSP.

16 Toll Traffic Termination:

a. The Company will provide Toll Traffic Termination for WSPs through the use of one-way direct trunk-side termination from the Company's toll switch to the WSP's switch for long-distance toll traffic (of the Company and of the Alternate Providers of Long Distance Services) that terminates on the WSP's network. At the option of the WSP, toll traffic that terminates on the WSP's network may be combined with local traffic on trunk-side termination (*i.e.*, the two-way local/toll combined trunk-side termination option). The WSP can subscribe to either option.

b. In the event a WSP requests a change to its existing Toll Traffic Termination routing option, the Company will require an implementation time of one (1) week for every two (2) switches requested (in addition to the regular service interval required for the Company's trunk augment activities).

17. Should a WSP request conversion from the one-way trunk-side termination option to a two-way local/toll combined trunk-side termination option, all NXXs and partial NXXs that are assigned to, or reserved by, the WSP and served by the same trunk-side termination will be migrated.

ITEM 231 **Wireless Service Providers (WSP) – Network Access Service - Continued**

ITEM 231.3 **Conditions of Service - Continued**

18. Termination or suspension of service under this Tariff Item 231 offering are provided for as follows:

    a. The Company may terminate the service under this Tariff Item upon written notice to the WSP indicating the effective date of termination, and without incurring any liability whatsoever to the WSP, in any of the following circumstances:

        i. upon failure of the WSP to comply with any provision specified in this Tariff Item or Company's other Tariffs (collectively, the "Company Tariffs", or "Tariffs"), provided the WSP has been advised in writing of an event of alleged default, and the WSP does not remedy or take reasonable steps to remedy the alleged default within thirty (30) days after receipt of such written notice and completely remedy the alleged default within a reasonable time thereafter; or

        ii. where the WSP fails to pay to the Company charges for services, and associated facilities and equipment provided by the Company pursuant to its Tariffs, other than charges reasonably disputed on the due date shown on the bill pursuant to the Tariffs.

    b. Notwithstanding any other provision of this Tariff Item, the Company shall be entitled, at its option, to terminate service under this Tariff immediately upon written notice to the WSP in the event that:

        i. the WSP becomes insolvent or bankrupt, commits an act of insolvency, bankruptcy or any other offense under the *Bankruptcy and Insolvency Act (Canada*) or other applicable statute, makes an assignment for the benefit of creditors, fails to make payment of any of its obligations as they become due, for any reason whatsoever is unable to meet any of its obligations as they generally become due, or is unable to pay all of its obligations, due and accruing due;

        ii. a trustee or receiver of the WSP or any part of the WSP's assets is appointed by any court or under provision of the *Bankruptcy and Insolvency Act (Canada)* or other applicable statute by or against the WSP and is acquiesced to by the WSP or results in an adjudication of bankruptcy or receivership of the WSP by an authority of competent jurisdiction;

        iii. the WSP takes advantage of legislation of any kind available for the protection of debtors from creditors;

        iv. the WSP is liquidated, whether voluntarily or involuntarily;

        v. the WSP ceases to carry on business in the ordinary course; or

ITEM 231 **Wireless Service Providers (WSP) – Network Access Service - Continued**

ITEM 231.3 **Conditions of Service - Continued**

vi. the Company receives notification specified in Item 231.3.18.c, below.

c. The WSP shall notify the Company in writing no less than one-hundred-and-twenty (120) days prior to any occurrence, or of the possibility of such occurrence, of the events identified in Item 231.3.18.b.i, ii, iii, iv or v above.

d. Where notice of termination is issued under this Tariff Item, all charges for services, and associated facilities and equipment provided to the WSP, pursuant to the Tariffs shall immediately become due and payable.

e. Expiration or termination of this Tariff Item shall not relieve the WSP of its obligation to pay any amounts due to the Company and shall not deprive the Company of any of the rights, remedies or actions that accrue to it up to and including the effective date of expiration or termination.

f. In the circumstances described in Item 231.3.18.a, the Company may, in its sole discretion and in lieu of termination, suspend any or all services (and associated facilities and equipment) provided pursuant to this Tariff Item or any other agreement between the WSP and the Company, or deny any orders for such services (and associated facilities and equipment) until such time as the perceived event giving rise to the entitlement to terminate has been eliminated. Notice of suspension shall be given prior to suspension where practical, and otherwise as soon as reasonably practical thereafter.

g. Subject to Item 231.3.18.b, prior to the termination of the service under this Tariff Item, the Company shall provide the WSP with thirty (30) days prior written notice stating the reason for the termination and the scheduled termination date.

ITEM 231 **Wireless Service Providers (WSP) – Network Access Service - Continued**

ITEM 231.3 **Conditions of Service - Continued**

19. In addition to the provisions provided for in General Tariff (CRTC 21461) Item 119.0 - *Confidentiality of Customer Records*, neither Company nor WSP shall disclose to any third party during the service requisition or subscription period of this Tariff Item, and for three (3) years following the termination or expiration of the subscription in question, any confidential information as follows:

    a. For the purposes of Tariff Item 231.3.19 and subject to Item 231.3.19.b, confidential information means any data or information, tangible or intangible, that is of value to the disclosing party and is not generally known in the industry or to competitors of the disclosing party. Confidential information shall include:

        i. tangible information, marked by the disclosing party with the word "Confidential" or otherwise identified by an appropriate stamp or legend indicating its confidential nature;
        ii. Confidential information disclosed orally or visually and identified by the disclosing party as confidential when disclosed, and confirmed by the disclosing party in a written notice within thirty (30) days following disclosure, which notice shall include markings similar to those outlined in Item 231.3.19.a.i above; and
        iii. all other information that, notwithstanding the absence of markings or designations, would be understood by the parties, exercising reasonable business judgment, to be confidential.

    b. Confidential information shall not include information that is:

        i. previously known to a party free of any obligation to keep it confidential;
        ii. or has been or is subsequently made public by a party that owns that information or by a third party who is under no obligation of confidence to any party;
        iii. independently developed by a party without reference to or knowledge of the other party's confidential information; or,
        iv. disclosed with the prior approval of the owner of the information.

ITEM 231 **Wireless Service Providers (WSP) – Network Access Service - Continued**

ITEM 231.3 **Conditions of Service - Continued**

c. Any combination of confidential information regarding, for example, products or features of technology, shall not be deemed to be within the foregoing exception (as identified in Item 231.3.19.b above) merely because individual portions of such combination are disclosed or separately known in the public domain or known by the receiving party.

d. Each party acknowledges that the confidential information disclosed by a party is and shall remain the property of the party that disclosed the confidential information. The parties agree that they shall hold confidential information exchanged hereunder in confidence and shall use the same solely for the provisioning of service under this Tariff Item.

e. The parties further agree that they shall not disclose any confidential information to anyone except those employees or contractors to whom such disclosure is necessary for the purposes authorized herein. In the event such confidential information must be disclosed by any party to a third party in order to provision the service under this Tariff Item, the disclosing party shall, prior to disclosure, obtain written consent from the party wishing to disclose the confidential information and obtain from the third party a written agreement regarding confidentiality of the confidential information, the terms of which shall be substantially the same as those contained herein.

f. Notwithstanding Item 231.3.19.a to e, a party may disclose confidential information to its professional advisors without the written consent of the disclosing party where, in the opinion of such party, the advice of its professional advisors is necessary to accomplish the objectives of provisioning service under this Tariff Item. In addition, either party may reveal such confidential information as may be reasonably necessary as required by law including to any governmental authority having jurisdiction over it, or its affiliates, for the purpose of obtaining applicable regulatory approvals as may be required hereunder. If a party is involved in court proceedings and is subject to a legally enforceable demand for discovery of confidential information, that party shall give written notice to the owner of the confidential information prior to disclosing the confidential information, and shall cooperate in seeking such reasonable protective arrangements as may be requested by the owner.

g. Nothing in Tariff Item 231.3.19 shall affect the right of any party to take such action as it may deem advisable, including legal action, to protect its confidential information.

ITEM 231 **Wireless Service Providers (WSP) – Network Access Service - Continued**

ITEM 231.3 **Conditions of Service - Continued**

h. Each party acknowledges and agrees that any use or disclosure of confidential information of the other party in a manner inconsistent with the provisions of this Item 231.3.19 condition may cause such other party harm which will not be compensated by monetary damages alone and, accordingly, each party will, in addition to other available legal or equitable remedies, be entitled to seek an immediate injunction restraining the other party from committing or continuing to commit a breach. A party need not show or prove any actual damage sustained by it and may avail itself of injunctive relief in addition to and without prejudice to any other remedies available to it.

ITEM 231 **Wireless Service Providers (WSP) – Network Access Service - Continued**

ITEM 231.4 **Rates**

The WSP shall pay the rates and charges as shown on the following tables for WSP-Network Access Service, and such rates and charges are in addition to other rates and charges that may be applicable.

Summary of Chargeable Rate Components (as applicable)			
Item 231	Component Name	Interconnection Arrangement	
		Line-side	Trunk-side
4.1	Digital Access Service Channel or Digital Transport Facility §	Yes †	Yes †
4.2	WSP Link	Yes	---
4.3	Wireless Service Network	Yes	---
4.4	Telephone Numbers Reserved or Assigned	Yes	Yes
4.5	Trunk-side Termination	---	Yes
4.6	CCS7 Signalling Interconnection	---	Yes
4.7	1,000-Block & 100-Block Trunk-side Routing	---	Yes
4.8	Extended Message Carriage	---	Yes
4.9	Toll Traffic Termination (One-way)	---	Yes
4.10	Toll Traffic Termination (Two-way)	---	Yes
4.11	Toll Traffic Termination - Routing Conversion	---	Yes
4.12	Local Tandem Network Conversion Charge	---	Yes
4.13	Call Routing – Location Routing Number (LRN) Absent	Yes	Yes
4.14	Emergency 9-1-1 Service and Message Relay Service	Yes	Yes

--- Not applicable.

† Facilities or service components to support WSP line-side interconnection arrangement or WSP trunk-side interconnection arrangement may be provided as a combination of:
(1) WSP self-supply (including use of third-party supplier); and
(2) Company's digital facilities offered under the Company regulated tariffs, or forborne offerings, as appropriate.

ITEM 231 **Wireless Service Providers (WSP) – Network Access Service - Continued**

ITEM 231.4 **Rates - Continued**

1. Digital Access Service Channel or Digital Transport Facility Rates:

Service Item	Monthly Rate	Service Charge
Digital Access Service Channels: • Digital Network Access (DNA)	CRTC 21461 Item 500	CRTC 21461 Item 500
• CDN Access (and CDN Services)	CRTC 21462 Item 225 (Item 224)	CRTC 21462 Item 225 (Item 224)
Digital Transport Facilities: • Inter-Exchange (IX) Digital Channels (IXDC)	CRTC 21461 Item 503	CRTC 21461 Item 503

2. WSP Link Rates:

Service Item	Monthly Rate	Service Charge
WSP Link: (per activated DS-0 channel)	$ 7.61	---

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3. Wireless Service Network Rates:

Service Item	Monthly Rate	Service Charge
Wireless Service Network: (per activated DS-0 channel)		
- Each access channel, to a maximum of 12 channels, or	$2.22	---
- Each access channel, to a maximum of 24 channels, or	$3.99	---
- Each access channel, to a maximum of 36 channels, or	$4.68	---
- Each access channel, to a maximum of 48 channels, or	$5.04	---
- Each access channel, to a maximum of 60 channels, or	$5.30	---
- Each access channel, to a maximum of 72 channels, or	$5.49	---
- Each access channel, to a maximum of 84 channels, or	$5.63	---
- Each access channel in excess of 84 channels	$5.74	---
- Service charge for each service order, each location	---	$123.61

ITEM 231 **Wireless Service Providers (WSP) – Network Access Service - Continued**

ITEM 231.4 **Rates - Continued**

4. Telephone Numbers Reserved or Assigned:

   a. When a WSP requests Telephone Numbers Reserved, the following rates and charges apply:

Service Item	Monthly Rate	Service Charge	
Each block of 100 reserved numbers	$1.18	$102.67	R

   b. When a WSP requests line-side interconnection, Telephone Numbers Assigned will be provided at the following rates and charges:

Service Item	Monthly Rate	Service Charge	
Each block of 100 numbers assigned and in service	$4.60	$102.67	|

5. Trunk-side Termination Rates:

Service Item	Monthly Rate	Service Charge	
Order Processing Charge, each order	---	$126.33	|
Trunk-side termination - trunk activation or change, each trunk	---	17.26	|
Trunk-side Termination Charge:			
- up to 24 trunks, per trunk	$15.73	---	|
- up to 48 trunks, per trunk	24.68	---	|
- up to 72 trunks, per trunk	27.34	---	|
- up to 96 trunks, per trunk	28.77	---	|
- more than 96 trunks, per trunk	29.49	---	|

ITEM 231 **Wireless Service Providers (WSP) – Network Access Service - Continued**

ITEM 231.4 **Rates - Continued**

6. CCS7 Signalling Rates:

Trunk-side interconnection uses CCS7 signalling. The following rates and charges are applicable in addition to those applicable for interconnection or traffic termination:

Service Item	Monthly Rate	Service Charge	
I. CCS7 Signalling Interconnection			
a. WSP's STP or switch to Company's gateway STP, each DS-0 port connection per D-link channel or A-link channel. (Note 1)	$1,133.54	---	R
b. Digital access and/or transport facilities between the WSP's STP or switch and the Company's gateway STP.	See Item 231.4.1 above	See Item 231.4.1 above	
c. Administration charge for set-up: This charge provides the initial engineering, planning, operations, translations and testing activities associated with a WSP's initial request to develop network interfaces and to provision CCS7 Signalling Interconnection for WSP's STP or switch to the Company's gateway STP connection. (Notes 1 & 2)	---	$49,237.98	|
d. Administration charge to add/change a signalling route after the initial set-up. This charge provides for engineering time to add a new CCS7 signalling route or make changes to an existing route (per order). (Note 2)		Alberta: CRTC 18008, Item 255.4, Notes 2-4. B.C.: CRTC 1017, Item 110.D.5, Notes 4-6.	
II. CCS7 via Transit (Notes 3 & 4)		Alberta: CRTC 18008, Item 255.4, Notes 2-4. B.C.: CRTC 1017, Item 110.D.5, Notes 4-6.	
III.. CCS7 Cross-connection & CCS7 Transit Services between carriers	Alberta: CRTC 18008 Items 215.3.6, 215.4.1.c, 215.4.2.a.vi B.C.: CRTC 1017 Item 105.D.3(a); and CRTC 1005 Item 209.C.3		

ITEM 231 **Wireless Service Providers (WSP) – Network Access Service - Continued**

ITEM 231.4 **Rates - Continued**

Note 1: Where connections are between the WSP's STPs and the Company's gateway STPs, D-link channels are used. (CCS7 ports for D-link channels are required in multiples of four (4).) Where connections are between the WSP's switch and the Company's gateway STPs, A-link channels are used. (CCS7 ports for A-link channels are required in multiples of two (2).)

Note 2: Engineering, planning, operations, translations and testing activities associated with a WSP's subsequent request to alter or augment existing CCS7 network arrangements will be assessed on an hourly labour rate based on hours worked.

Note 3: The charges identified in section I. CCS7 Signalling Interconnection only apply when direct links are used for CCS7 Signalling Interconnection and not for "CCS7 via Transit" when the WSP makes arrangements for the third party transit provider(s) to bill all transit service charges directly to the WSP. The WSP shall provide to the Company, or direct the transit provider(s) to provide to the Company, written confirmation from the transit provider(s) that no charges will be billed to the Company by the transit provider(s).

Note 4: The third party transit provider(s) must have an existing CCS7 signalling interconnection with the Company.

7. 1,000-Block and 100-Block Trunk-side Routing:

This provides 1,000-block trunk-side routing of telephone numbers from the Company switch in which the CO Code of the telephone numbers resides, to the WSP switch. For exchanges where a continuous 1,000 block is not available, the Company will provide 100-block routing.

Service Item	Monthly Rate	Service Charge	
1,000-block Trunk-side Routing, each block	$ 11.91	$ 88.41	R
100-block Trunk-side Routing, each block	1.18	88.41 (Note 1)	|

Note 1: For each consecutive group of 100-blocks for which 100-block trunk-side routing is provided, the WSP shall pay to the Company the applicable service charge.

8. Extended Message Carriage (Alberta Only):

A surcharge of $7.67 per trunk for trunk-side interconnection will apply when the exchange being served by the WSP is not within the Local Calling Area of the designated Company central office where trunk-side termination is available. |

ITEM 231 **Wireless Service Providers (WSP) – Network Access Service - Continued**

ITEM 231.4 **Rates – Continued**

9. Toll Traffic Termination (One-way)

This provides toll traffic termination to a WSP's switch via one-way trunk-side termination from a Company's toll switch:

The WSP shall pay the following as applicable:

a. Item 231.4.1: DNA, CDN Access (and CDN Services), and IXDC;
b. Item 231.4.5: Trunk-side Termination; and
c. Item 231.4.6: CCS7 Signalling Interconnection.

10. Toll Traffic Termination (Two-way)

This provides toll traffic termination to a WSP's switch via two-way trunk-side termination that carries both local and toll terminating traffic at the Company's designated local switch. The WSP's existing two-way trunk-side termination trunk group will be used for this purpose:

- The WSP shall pay the charges billed for its local trunk-side termination per Item 231.4.5.

11. Toll Traffic Termination Routing - Conversion Charge:

- The WSP shall pay the following service charge for changes to its existing toll traffic termination routing:

Service Item	Monthly Rate	Service Charge
Toll Traffic Termination - Routing Conversion, per NXX (Note 1)	---	$441.15

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Note 1: Or partial NXXs per Tariff Item 231.3.17.

ITEM 231 **Wireless Service Providers (WSP) – Network Access Service - Continued**

ITEM 231.4 **Rates - Continued**

12. Local Tandem Network Conversion Charge:

    A one-time conversion charge based on hours & materials incurred will apply, if necessary, for the engineering, planning, testing, and maintenance of converting a switch to Local Tandem functionality (includes 1,000 and 10,000 block request). Applicable on each initial customer request.

13. Call Routing – Location Routing Number (LRN) Absent:

    Where a WSP requests the Company to provide Call Routing - LRN Absent, the rates and charges as contained in Carrier Access Tariff (CRTC 21462) Item 209 – *Call Routing - Location Routing Number Absent*, will apply. (Note: LRN Absent will only be available in exchanges or Local Interconnection Regions (LIRs) where Number Portability (NP) is implemented.) The LRN Absent rates and charges are also applicable where line-side interconnections may receive calls for portable numbers.

14. Emergency 9-1-1 Service and Message Relay Service:

    a. The rates and charges as contained in the Company's General Tariff (CRTC 21461) Item 203, *Provincial 9-1-1 Service* and Item 201, *Wireless Service Provider Enhanced Provincial 9-1-1 Network Access Service* will apply for Emergency 9-1-1 Service.

    b. Where a WSP is not capable of self-providing Message Relay Service (MRS), a monthly rate will apply until such time that the WSP offers its own message relay service. MRS rates are contained in the Former TCI General Tariffs (CRTC 18001) Item 455; and TCBC General Tariff (CRTC 1005) Item 32.D).