

ITEM 650.20 Wireless Service Provider – Network Access Service**1. Service Description**

Wireless Service Provider (WSP) - Network Access Service provides for the interconnection, either on a line-side or trunk-side (with CCS7 signalling) basis, of a duly licensed WSP's public mobile radio system with SaskTel's Public Switched Telephone Network (PSTN).

Access to SaskTel's PSTN is provided only through SaskTel's central offices, equipped with the appropriate digital switching equipment, by means of facilities and telephone numbers supplied by SaskTel for that purpose.

Wireless Service Provider - Network Access Service consists of the facilities and components required to connect the WSP mobile radio system to SaskTel's central office equipment. Facilities and components include:

- (a) Access service channels,
- (b) PSTN network accesses,
- (c) WSP links,
- (d) Telephone numbers,
- (e) Trunk-side accesses,

- (f) CCS7 signalling (trunk-side interconnection only).

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F**2. Definitions**

For the purposes of this Tariff Item:

“*Access Service Channels*” provide facilities from the WSP's point of interconnection to SaskTel's central office. Access Service Channels may be analogue or digital. Analogue Access Service Channel provides single analogue channels; Digital Access Service Channel provides 24 DS-0 digital access channels. Both are terminated at the WSP's point of interconnection.

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2. Definitions – Continued

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“*CCS7 Signalling*” provides a WSP with the ability to interconnect their own CCS7 signalling network with an Incumbent Local Exchange Carrier (ILEC) CCS7 signalling network in order to exchange the Integrated Services Digital Network user part (ISUP) signalling information necessary to support the completion of calls between the two networks. CCS7 signalling between the WSP and ILEC networks is available only with trunk-side interconnection.

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“*100/1,000 Block Routing*” refers to the routing of telephone numbers by seven digits (NPA-NXX-X) on a trunk-side basis with CCS7 signalling, from a SaskTel switch in which the CO Code of the telephone numbers resides, to a WSP switch. A WSP may request 100/1,000 Block trunk-side routing when it uses less than a dedicated NXX Code (10,000 telephone numbers) which reside in a SaskTel switch.

“*PSTN Network Access*” provides the additional common equipment and facilities in SaskTel's central office, required for local and/or toll call processing on SaskTel's PSTN. A PSTN Network Access charge applies for each channel that provides local and/or toll calls. Since the call handling capacity of an access channel changes as the number of channels increases, the Access Channel charges will vary as specified in this Tariff Item.

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Trunk-side Access Channels provide facilities from the WSP's point of interconnection to SaskTel's central office. Trunk-side Access Channels are digital.

Trunk-side Interconnection Access provides the additional common equipment and facilities in SaskTel's central office required to terminate a Trunk-Side Access Channel in SaskTel's central office, and to process a call on SaskTel's PSTN to SaskTel's subscribers in the local calling area of the originating exchange. Trunk-side Interconnection Access also includes transiting of calls on SaskTel's PSTN to other Local Exchange Carriers (LECs) or WSPs interconnecting to SaskTel's network in the local calling area of the originating exchange.

“Wireless Service Provider System” refers to a mobile radio communication system that consists of low power radio transmitter and receiver cells designed to provide mobile radio communication to customers with a mobile station as it moves across coverage area boundaries.

“A WSP Link” provides the equipment required to terminate an Access Service Channel (analogue or digital) in SaskTel's central office.

3. Conditions of Service

1. SaskTel shall own, install and maintain all telecommunication equipment, which is necessary to provide Wireless Service Provider - Network Access Service required by a WSP.

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2. The provision of Wireless Service Provider – Network Access Service is contingent upon the WSP entering into an Interconnection Agreement with SaskTel. The WSP, as operator of a mobile radio system, must hold a valid and subsisting license under the Radiocommunication Act (Canada), as amended from time to time, to provide service in Saskatchewan.
3. The provision of WSP Network Access Service shall be provided only when there is suitable telecommunication equipment and facilities available for that purpose.
4. SaskTel has the right to change at any time, in whole or in part, the design, function, operation, or layout of the public switched telephone network. SaskTel shall not be responsible or liable to a WSP in the event the mobile radio system is no longer compatible with or becomes inoperative as a result of such changes to the public switched telephone network. SaskTel shall provide notice, as per Competitor Access Tariff item on Terms and Conditions for IXCs - Network Changes, of any intended network interface changes.
5. The physical points of connection of the WSP mobile radio system to SaskTel's lines must be at interface points that are mutually agreed to between SaskTel and the WSP.
6. The WSP shall ensure that the WSP mobile radio system conforms to the technical and operational specifications as established by Industry Canada. Subject to the regulatory authority of the Canadian Radio-television and Telecommunications Commission (CRTC), SaskTel may impose further requirements, if necessary, to ensure compatibility with its network.

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7. The WSP shall, every six months, furnish SaskTel with a detailed written forecast of its requirements for equipment and facilities for the subsequent six-month period. However, SaskTel shall not be obligated to meet the WSP's forecasted requirements unless the WSP commits to procure such requirements from SaskTel. Should this be the case, SaskTel's obligations shall be limited to provisioning the requirements within a reasonable length of time.
8. The provision of this service by SaskTel to the WSP, as defined by this Tariff Item, does not constitute a partnership, joint venture, or joint undertaking between SaskTel and the WSP.
9. SaskTel shall only respond to trouble reports from the WSP, after the WSP has first determined the trouble does not originate in the WSP's system or equipment of the WSP's customers. The WSP shall instruct its customers to report all cases of trouble to the WSP.

Where the WSP reports a trouble case to SaskTel, and SaskTel subsequently determines that the trouble is in the WSP system or the mobile station of a WSP customer, SaskTel repair of trouble is not included with this service. SaskTel will charge the WSP for time expended by SaskTel, as per the charges specified in this Tariff Item.

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Wireless Service Provider – Network Access Service – *Continued*

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3. Conditions of Service – *Continued*

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10. Telephone numbers, for which SaskTel is the NXX codeholder, will be provided by SaskTel in blocks of 100 numbers. A monthly rate and a service charge, as outlined in this Tariff Item, applies to each block of 100 numbers made active in each exchange. When an entire NXX is transferred from SaskTel’s switch to the WSP’s switch, an additional one-time service charge will apply to cover the costs associated with transferring the NXX code.

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11. SaskTel will reserve for the WSP, any quantity of telephone numbers for which SaskTel is the NXX codeholder, in blocks of 100 numbers, to be used for future use. These telephone numbers will be reserved for a minimum of one month and remain as such until placed in service or released by the WSP. A monthly rate and service charge, as outlined in this Tariff Item, will apply to each reserved block of numbers. To activate each reserved block of 100 numbers, the WSP will be charged the applicable monthly rate and service charge in this Tariff. F
12. The telephone numbers, for which SaskTel is the NXX codeholder, shall remain the property of SaskTel, and may be changed from time to time as required. The provision of telephone numbers placed in service or reserved do not include directory listings or listings on Directory Assistance. The WSP is responsible for all charges levied in respect to all calls associated with any of the seven digit telephone numbers assigned to it. F
13. Where the WSP's customer desires a directory listing for an assigned telephone number, such listing will be provided by SaskTel to the WSP in accordance with the applicable rates, and conditions as are applicable pursuant to the SaskTel General Tariff item on Telephone Directory Service. F

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14. WSPs who require a dedicated NXX code, must obtain the code directly from the Canadian Numbering Administrator.

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16. The WSP, as a customer of SaskTel, is bound by the General Tariff, its rates, terms, conditions, and charges, for services provided by SaskTel, and assumes liability for all charges of those services incurred by the users.

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17. The WSP shall also be SaskTel's customer for the connection and services provided by SaskTel pursuant to this Tariff Item. The WSP shall pay to SaskTel all charges incurred for services provided through any connections furnished to the WSP, including but not limited to long distance calls, operator-assisted calls and directory assistance requests placed by any person through the WSP mobile radio system. F
18. The provision of Wireless Service Provider – Network Access Service by SaskTel is conditional: F
- (a) on payment by the WSP of all charges due pursuant to this Tariff Item; and
 - (b) compliance by the WSP with the terms and conditions of this Tariff Item.
19. In the event of non-payment of charges mentioned in this Tariff Item or non-compliance by the WSP with the terms and conditions contained herein, SaskTel may: F
- (a) restrict the installation of additional facilities and telephone numbers; or
 - (b) disconnect any or all telecommunication equipment and telephone numbers provided by SaskTel pursuant to this Tariff Item.
20. SaskTel will provide the WSP with 1,000 Block trunk-side routing to a WSP switch, for a block of 1,000 contiguous telephone numbers of a central office code which reside in a SaskTel switch. Charges, as specified in this Tariff Item, will apply for each routing request and are in addition to applicable charges for telephone number activation and reservation. F

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21. SaskTel will also provide 100 Block trunk-side routing for a block of 100 contiguous telephone numbers and the WSP will pay SaskTel for each block of 100 telephone numbers, the applicable charges corresponding to the 1,000 Block Routing. Additionally, charges for telephone number activation and reservation shall apply.

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Wireless Service Provider – Network Access Service – *Continued*

4. Rates

The WSP shall pay to SaskTel the following rates and charges for Wireless Service Provider-Network Access Service. Such rates and charges are in addition to any other rates and charges that may be applicable.

For...	Monthly Rental	Service Charge
<i>LINE SIDE ACCESS</i>		
<i>Access Service Channel:</i>		
<ul style="list-style-type: none"> Analogue access e/w digital termination 	At Cost	
<ul style="list-style-type: none"> Digital 	Refer to SaskTel General Tariff Item on Digital Network Access or SaskTel Competitor Access Tariff Item on Competitor Digital Network Services.	
<i>PSTN Network Access: *</i> each channel up to:		
<ul style="list-style-type: none"> 12 channels, i.e. each of Channels 1-12 	\$ 3.67	\$ 99.07 (for each Service order)
<ul style="list-style-type: none"> 24 channels, i.e. each of Channels 1-24 	6.57	
<ul style="list-style-type: none"> 36 channels, i.e. each of Channels 1-36 	7.69	
<ul style="list-style-type: none"> 48 channels, i.e. each of Channels 1-48 	8.32	
<ul style="list-style-type: none"> 60 channels, i.e. each of Channels 1-60 	8.72	
<ul style="list-style-type: none"> 72 channels, i.e. each of Channels 1-72 	9.05	
<ul style="list-style-type: none"> 84 channels, i.e. each of Channels 1- 84 	9.29	
<ul style="list-style-type: none"> In excess of 84 channels, i.e. each of Channels 1 – to number of channels in excess 	9.48	
<i>WSP Link*</i> per Analogue PSTN Network Access channel or 24 per digital access [DS-1] service channel	12.63	N/A
<i>Telephone Numbers:*</i>		
<ul style="list-style-type: none"> applies to each block of 100 numbers activated 	3.05	\$ 65.06
<ul style="list-style-type: none"> applies to each block of 100 numbers reserved 	0.38	65.06

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Wireless Service Provider – Network Access Service – Continued

4. Rates – Continued

For...	Monthly Rental	Service Charge
<i>TRUNK-SIDE ACCESS</i>		
<i>Trunk-side Access Service Channel:</i>		
<ul style="list-style-type: none"> • Digital 	Refer to SaskTel General Tariff Item on Digital Network Access or SaskTel Competitive Access Tariff Item on Competitor Digital Network Services.	
<i>Trunk-side Access</i>		
Each trunk-side interconnection trunk up to:		
• 24 trunks, i.e. each of trunk 1-24	Refer to the item on Local Network Interconnection and Component Unbundling (Rates section, item 3b)	
• 48 trunks, i.e. each of trunk 1-48		
• 72 trunks, i.e. each of trunks 1-72		
• 96 trunks, i.e. each of trunks 1-96		
• In excess of 96 trunks, i.e. each of trunks 1- to number of channels in excess of 96		
<i>Trunk-side Interconnection Trunk activation or change, each trunk</i>		
<i>Telephone Numbers:</i>		
<ul style="list-style-type: none"> • applies to each block of 100 numbers activated or reserved 	\$4.00	\$88.00

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Wireless Service Provider – Network Access Service – *Continued*

4. Rates – *Continued*

For...	
<i>CCS7 Signalling Interconnection</i>	Reference: Tariffs appropriate to the particular ILEC territory where CCS7 interconnection takes place will apply.
Interconnection of a WSP STP to an established ILEC gateway STP	
Digital transport facilities between a WSP STP and an established ILEC gateway STP	
Initial engineering, planning, and testing activities (to develop network interfaces and to implement CCS7 network interconnection arrangements)	

For...	Monthly Rental	Service Charge
<i>100/1,000 Block Routing</i>	\$ 15.15	\$ 258.76

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For...	Monthly Rental	Service Charge
<i>Central Office Code Transfers, per NXX</i>	N/C	\$ 1,426.80

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4. Rates – *Continued*

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For...	Monthly Rental	Service Charge
<i>SaskTel trouble investigation during normal working hours, hourly labour charge, per person (Minimum ½ hour)</i>	N/C	\$81.88 *
<i>SaskTel trouble investigation outside of normal working hours, hourly labour charge, per person (Minimum 2 hours) **</i>	N/C	\$124.20 *

* Any time beyond the stated minimum is billed in ¼ hour increments.

** The minimum charge does not apply:

- when work begins during and continues after a regular work day;
- when work begins within one hour before a regular work day.