

OTHER SERVICES AND FACILITIES

Item
3000.

WIRELESS SERVICE PROVIDER (WSP) NETWORK ACCESS SERVICE

1. GENERAL

WSP Network Access Service provides the Central Office equipment and facilities necessary for the interconnection, either on a line-side or a trunk-side (with CCS7 signalling) basis, between the Company's switched network and the public mobile radio service provided by a Wireless Service Provider (WSP). For the purpose of this tariff, a 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) duly licensed pursuant to the *Radiocommunication Act*. A WSP may also interconnect with the Company's public switched telephone network (PSTN) to provide transmission services to Radio Paging and Air-to-Ground Service Operators. Access to the Company's switched network is provided through the Company central office equipped with digital switching equipment. C

2. SERVICE AND EQUIPEMENT

A. The service comprises six parts:

1) *Access*: A digital access channel is provided over a facility derived from Digital Private Line Service (Supplementary Tariff Special Services and Facilities (CRTC 24002), Item 6002). Access service provides 24 digital access channels (DS-O) terminated at the WSP's point of interconnection.

2) *WSP Link*: The WSP link provides the Central Office equipment required to terminate an access service channel in the Company Central Office. Answer supervision and multi-frequency signalling features are included. C
C

3) *Wireless Network*: Wireless Network service provides the common equipment and facilities, both in the serving Central Office and in the Exchange where the message originates, which are required to process the message in the public switched telephone network. C

4) *Telephone Numbers*: This is the provisioning of seven-digit numbers with outpulsing.

5) *Administration and Transfer*: Administration and transfer provides the transfer of Central Office codes from the Company's switch to the WSP's switch. C
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WIRELESS SERVICE PROVIDER (WSP) NETWORK ACCESS SERVICE - continued

2. SERVICE AND EQUIPEMENT - continued

A. The service comprises six parts: - continued

6) *CCS7 Signalling Network Interconnection*: The CCS7 network 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 the ISDN user part (ISUP) signalling information necessary to support the completion of calls between the two networks. The following rates and charges are applicable in addition to those applicable for interconnection for traffic termination specified in Item 3000.3.D. **C**

(a) Transport of CCS7 messages between the Company - Gateway signal transfer point (STP) and the Company switches to which the WSP has obtained trunk-side interconnection is provided at the rates shown in 3.H.1) below. **C**

(b) Interconnection of a WSP STP to a Company - Gateway STP is at the rate shown in 3.I below. **C**

(c) Digital transport facilities between a WSP STP and a Company - Gateway STP are provided at the rates and charges shown in Item 6002 of the Supplementary Tariff Special Services and Facilities (CRTC 24002) and Item 125 of the Access Services Tariff (CRTC 24006). **C**

(d) The charges applicable to the initial engineering, planning, and testing activities associated with a WSP's initial request to develop network interfaces and to implement CCS7 network interconnection arrangements are shown in 3.I below.

B. The WSP shall be the Company's customer for WSP Network Access Service. The WSP shall pay the Company for all services provided by the Company through connections furnished to the WSP by WSP Network Access Service, such as message toll service, Directory Assistance Service, and other chargeable services. **C**

C. WSP Network Access Service shall be provided only where the Company determines there are suitable facilities and equipment available. When it is necessary for the Company to install special equipment or to incur an unusual expense in order to establish service, the customer shall pay an additional charge based on the equipment provided or expense occurred. **C**

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2. SERVICE AND EQUIPEMENT - continued

D. The WSP's wireless mobile radio-telephone system connected to the Company's facilities must conform to the technical and operational requirements outlined in the Company's "Interface Standard IS-102 For Cellular Mobile System Interconnection" as amended from time to time. **C**

E. The WSP's wireless mobile radio system shall only be used to transmit radio-telephone calls where one or both of the terminating points of the call is a mobile station. The WSP may, however, utilize bona fide wireless system features (such as, but not limited to, the call forward feature) to route calls back on to a land line telephone. For the purposes of this paragraph, a mobile station is defined to be a station used to place or receive radio-telephone calls while the station is in motion or during halts at unspecified points. The customer's mobile radio-telephone system shall not be used in the provision of service from stations permanently or semi-permanently installed for purposes of providing basic network access from business or residential premises.

F. The WSP shall furnish the Company with a detailed written forecast of its requirements for equipment and facilities on an annual basis. **C**

G. The WSP may route interexchange traffic over any network or facilities that it is authorized to use, including its own network or the Company's network. Interexchange wireless traffic originated by the WSP and carried by the Company will be billed to the WSP at the applicable message toll rates from the point of interconnection to the Company's network to the point of termination. **C**

H. Telephone numbers are provided in blocks of 50 only and do not include directory listings. Where the WSP's subscribers desire a directory listing for an assigned telephone number, such listing will be provided by the Company to the WSP in accordance with the applicable rates, charges, and conditions for extra listings. **C**

I. The Company may require the WSP to enter into a wireless interconnection agreement and, if so, the provision of WSP Network Access Service by the Company to the WSP shall be subject to the terms and conditions contained in such a wireless interconnection agreement. **C**

J. The access service is offered under the terms of a contract which specifies the termination charge.

K. Pursuant to Telecom Order CRTC 97-590, where a WSP provides a competitive interexchange service pursuant to Telecom Decision CRTC 92-12, the items, conditions and rates of the Company's Supplementary Tariff Access Services for Interconnection with Interexchange Carriers (IXC's) (CRTC 24006), shall apply. **C**

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3. RATES AND CHARGES

The rates for WSP Network Access Service are as follows:

A. Access digital access and channel

	<u>Monthly Rate</u>	<u>Service Charge</u>
as for Digital Private Line Service	(Note 1)	(Note 1)

B. WSP Link:

	<u>Monthly Rate</u>	<u>Service Charge</u>
Per channel	\$8.06 *	N/A

C. Wireless Network Service: each Line-Side access channel (Note 10):

	<u>Monthly Rate</u>	<u>Service Charge</u>	
to a maximum of 12 channels, or	\$2.30	\$194.78 (Note 2)	*
to a maximum of 24 channels, or	4.13	194.78 (Note 2)	*
to a maximum of 36 channels, or	4.84	194.78 (Note 2)	*
to a maximum of 48 channels, or	5.23	194.78 (Note 2)	*
to a maximum of 60 channels, or	5.48	194.78 (Note 2)	*
to a maximum of 72 channels, or	5.68	194.78 (Note 2)	*
to a maximum of 84 channels, or	5.84	194.78 (Note 2)	*
in excess of 84 channels	5.95	194.78 (Note 2)	*

D. Trunk-Side Access

1) A Trunk-Side Access Channel is provided over a facility derived from Digital Private Line Service (Supplementary Tariff Special Services and Facilities (CRTC 24002), Item 6002) and Item 125 of the Access Services Tariff (CRTC 24006). Such a system provides 24 digital access channels between a digitally equipped serving Wire Centre and a mutually agreed upon point of interconnection.

For each Trunk-Side Access Channel, the monthly rate, service charge and construction charge applicable for each customer termination are in addition to the Trunk-Side Interconnection Trunk charge identified in Item 3000.3.D.2

2) Trunk-Side Access Channel charges, each

The Trunk-Side Interconnection Trunk provides the common equipment and facilities in the digitally equipped serving Wire Centre, the Exchange and other Exchanges required to terminate a Trunk-Side Access Channel in the Company's digitally equipped serving Wire Centre, and to process a call on the Company's PSTN to the Company's subscribers in the local calling area of the originating Exchange.

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WIRELESS SERVICE PROVIDER (WSP) NETWORK ACCESS SERVICE - continued

3. RATES AND CHARGES - continued

The rates for WSP Network Access Service are as follows:

D. Trunk-Side Access - continued

2) Trunk-Side Access Channel charges, each - continued

	<u>Monthly Rate</u>		<u>Service Charge</u>	
a. Each Trunk-Side Access channel to a maximum of 24, or	\$13.02	*	\$101.81 (Note 2)	*
b. Each Trunk-Side Access channel to a maximum of 48, or	20.45	*	101. 81 (Note 2)	*
c. Each Trunk-Side Access channel to a maximum of 72, or	25.24	*	101. 81 (Note 2)	*
d. Each Trunk-Side Access channel to a maximum of 96, or	23.78	*	101. 81 (Note 2)	*
e. More than 96 Trunk-Side Access channels, each	24.43	*	101. 81 (Note 2)	*
f. Access channel activation or change, each channel			13.51	*

E. Seven Digit Telephone Numbers:

	<u>Monthly Rate</u>		<u>Service Charge</u>	
(In-Service) per 50 numbers (Note 3)	\$2.39 (Note 4)		\$ 92.98 (Note 5)	*
(Reserved) per 50 numbers	0.60		72.31 (Note 5)	*

F. Central Office Code Administration:

One-time service charge to recover the initial Central Office switch translation costs, where 1000 block routing is requested. The service arrangement will provide for Trunk-Side Access in locations where the WSP has at a minimum 1,000 telephone number block but less than a full NXX. The rates and charges for telephone numbers also apply

	<u>Monthly Rate</u>		<u>Service Charge</u>	
1000 number block, each	---		\$ 33.85 (Note 6)	*

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WIRELESS SERVICE PROVIDER (WSP) NETWORK ACCESS SERVICE - continued

3. RATES AND CHARGES - continued

The rates for WSP Network Access Service are as follows:

G. Central Office Code Transfers:

	<u>Monthly Rate</u>	<u>Service Charge</u>
WSP requests for the transfer of the WSP Central Office codes from a Company switch to the WSP switch.	---	(Note 7)

H.

	<u>Monthly Rate</u>	<u>Service Charge</u>
WSP requested transfer of an entire Geographic Central Office Code, being utilized for Line-Side Access, from the Company's switch to the WSP switch, for each NXX, will be provided on a Special Assembly Tariff basis.	---	---

I. CCS7 Signalling Network Interconnection:

1) The CCS7 Network Interconnection will provide WSPs using Trunk-Side Interconnection with the ability to interconnect their own CCS7 signalling network with the Company CCS7 signalling network in order to exchange the ISUP signalling information necessary to support the completion of calls between the two networks. The following rates and charges are applicable in addition to those for Trunk-Side Access.

2) WSP STP to a Company - Gateway STP interconnection, multiples of 4 links, each link. The monthly charge for each link is \$540.77 *

3) Digital transport facilities between a WSP STP and a Company - Gateway STP. (Note 9)

4) Administration. The one-time service charge is \$37,948.64 *

J. CCS7 Transit Service

CCS7 Transit Service is provided in accordance with Access Services Tariff Item 105.

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WIRELESS SERVICE PROVIDER (WSP) NETWORK ACCESS SERVICE - continued

3. RATES AND CHARGES - continued

Note(s):

(1) The digital network access and intra-exchange channel charges in the Supplementary Tariff Special Services and Facilities (CRTC 24002), Item 6001.3 apply; the link charges are, however, replaced by the WSP link charges specified in 3.B. above.

(2) Applies to each service order at any one location.

(3) A WSP with seven digit telephone numbers must also pay a monthly charge of \$0.25 per number for Relay Service (Item 2147) until such time that the WSP offers its own message relay service. C

(4) Applies whether the telephone numbers are located in the Company's switch or the WSP's switch.

(5) A single service charge applies to all blocks of 50 telephone numbers placed in service, or reserved, at any one time in any one location. These service charges apply only to telephone numbers that are located in the Company switch.

(6) In order for a WSP to obtain trunk-side access in locations where the WSP has, at a minimum a 1000 telephone number block, but less than a full NXX, the WSP may choose to request "thousand block routing". Thousand block routing allows calls destined for a telephone number contained in a block of a thousand numbers assigned to the Company, but used for a WSP's subscriber, to be routed on a trunk-side CCS7 basis from the Company switch in which the telephone numbers reside, to the WSP's switch. This functionality eliminates the requirement for the WSP's subscribers to immediately change their telephone number to one which would be included in a full and discrete NXX residing in the WSP's switch.

(7) WSP requests for the transfer of the WSP Central Office code from the Company to the WSP will be provided on a special assembly basis. Where telephone numbers have been transferred to the WSP's switch, the WSP will provide a monthly report of active and reserved numbers to the Company for billing purposes.

(8) Reserved for future use.

(9) See Item 6002 of the Supplementary Tariff Special Services and Facilities (CRTC 24002) and Item 125 of the Access Services Tariff (CRTC 24006).

(10) Non-optional Urban Unlimited Service rates must be added to the network access channel rates where they are applicable.