

**PRIVATE WIRE SERVICE  
MILEAGE CHARGES**

**Item  
207**

**CHANNELS FOR SIGNAL TRANSMISSION**

**(M)**

**A. General**

1. Channels are leased for the transmission of signal pulses between items of equipment of the customer that require direct current continuity or metallic facilities. Applications for this service consist of:
  - a) Remote reading of electric, water, steam, oil and gas meters.
  - b) Remote operations of electric, radio, water, steam, oil and traffic systems and rail switching positions.
  - c) Operation of signaling devices of the customer such as police, fire, watchman, sprinkler and burglar alarms and clock, messenger, telautograph, call box and buzzer equipment.

Conditions

1. The Telecommunications Company provides a suitable termination of the channel on the customer's premises reasonably close to his terminating equipment. On request of the customer, the Telecommunications Company provides, installs and maintains certain items of terminating equipment, for which established charges apply. All additional equipment and wiring is to be provided, installed, owned and maintained by the customer, in accordance with the following regulations:
  - a. the potential of a direct current supply used with such equipment is not to exceed 135 volts positive or negative between any conductor and ground;
  - b. the potential of an alternating current supply used with such equipment is not to exceed 50 volts root mean square value between conductors or between any conductor and ground;
  - c. the operating equipment used in the customer's system is not to exceed 350 milliamperes; and
  - d. the customer's system is to be so designed so that it is in accordance to Industry Canada CS-03 and be registered in accordance with Industry Canada DC-01 and connected in accordance with other applicable provisions in CRTC 3001, Items 1301, 1302 and 1303.
2. Regular direct current or ringing current is provided without additional charge if facilities are available. Otherwise such current is provided at an additional charge based on the cost incurred.
3. When it is necessary to install special equipment or to incur any unusual expense to establish a circuit to meet specific customer requirements, the customer shall pay an additional charge based on the equipment installed or the unusual expense incurred. **(M<sub>1</sub>)**
4. Interexchange channels are subject to the transmission standards, operating limitation and equipment capability being met.
5. Provisioning is subject to the availability of metallic facilities.

(M) - Moved from CRTC 3003, 2<sup>nd</sup> Revised Page 65

(M<sub>1</sub>) - Moved from CRTC 3003, 7<sup>th</sup> Revised Page 66

For explanation of symbols see Page 1

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## PRIVATE WIRE SERVICE

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207 CHANNELS FOR SIGNAL TRANSMISSION (cont'd)

(M)

**A. General (cont'd)**

6. Customer equipment attached to the Company's facilities must be in accordance with NWTel's Connection of Customer-Provided Equipment Tariff CRTC 3001, Items 1301, 1302 and 1303.
7. The use of the service by customers shall be in accordance with the conditions outlined in the Use of Service Tariff CRTC 3003, 107.
8. The noise value of the signal current impressed on the signal channel is to be within the limits the Company specifies and must not cause interference or disruption of services furnished or other channels leased by the Company.

**B. Use of Channels**

1. Transmission may be in one direction only or it may be in both directions, simultaneously or alternately, without additional charge.
2. Channels are leased for continuous use on a two-point or multi-point basis.

**C. Installation Charges**

1. Signal channel station installed or reconnected:
  - a. a non-recurring installation charge as per Item 503 applies for each station;
  - b. a non-recurring installation charge as per Item 503 applies for the reconnection of each channel suspended without termination.

**D. Class of Service**

Class C

Voice grade signal channel which provides facilities having bandwidth equivalent to those provided on normal voice telephone service (approximately 3,000 Hz).

**E. Inter-city Channels**

1. The monthly rates for Class C signal channels provide for continuous operation and are as per CRTC 3003, Item 202.C (voice grade).
2. Inter-city channels which are provided for a period of one day or more, but less than one month, are charged at the monthly rates.

**F. Local Channels**

Regulations and rentals for Class C channels apply as per CRTC 3003, Item 202.B (voice grade).

(M<sub>1</sub>)(M<sub>2</sub>)(M) - Moved from CRTC 3003, 7<sup>th</sup> Revised Page 66(M<sub>1</sub>) - Moved from CRTC 3003, 7<sup>th</sup> Revised Page 67(M<sub>2</sub>) - Moved from CRTC 3003, 7<sup>th</sup> Revised Page 68

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**Item****207 CHANNELS FOR SIGNAL TRANSMISSION (cont'd)****G. Drop-service Charges**

1. When service points in more than two municipalities are connected with the same class C signal channel, a monthly drop-service charge of \$25.65 applies at each municipality other than the two terminal municipalities, regardless of the number of service points connected in any such municipality, in addition to all other rates and charges.
2. In determining the application of drop-service charges for a multi-point channel that has service points in Canada and Alaska, the Canadian part of the inter-city channel is considered separately and the border-crossing point is classed as a terminal. When two or more inter-city channels, each extended from a different border-crossing points, are used to connect service points in Canada to a channel in Alaska each such Canadian channels is considered separately in the application of drop-service.

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