

ITEM

525 **Broadcast and Image Full-time Inter-exchange Broadcast-quality Video Transmission Channel Service**

ITEM

525.1 **Service Description**

This service provides broadcast-quality uni-directional or bi-directional video transmission channels, for full-time use, in a point-to-point or point-to-multi point configuration over inter-exchange facilities for the transmission of a NTSC* quality analog video and associated signals. (* NTSC = National Television System Committee.)

This service is forborne from regulation, pursuant to Telecom Decision CRTC 97-20, when it is provided on the cross-sections identified in Item 508.

For existing outstanding customer agreements that were originally signed under National Service Tariff CRTC 7400-E, Item 403, (the Original Agreement) which include Broadcast and Image Full-time Inter-exchange Broadcast-quality Video Transmission Channel Service provisioned by the Company, the Company shall continue to provide service pursuant to the terms of the Original Agreement until the expiry date of the Original Agreement, and in accordance with the provisions specified in this Item.

This service is grandfathered and not available to new customers effective 2014 12 16.

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Definitions

For the purposes of this Tariff item:

"Drop/Insert" service feature allows the signal path to be opened at a pre-defined on-route location on the inter-exchange network to provide a "Drop", as well as a new signal insertion capability.

"Drop/Pass" service feature enables break-out of a video signal at a pre-defined point on the inter-exchange network path for the purpose of feeding it to another site or sites.

"Receive" service feature is complementary to the "Transmit" feature and enables delivery of NTSC-quality video and up to four (4) associated audio and/or data program signals to the Customer.

"Transmit" service feature enables digital processing of the Customer provided NTSC-quality video and up to four (4) associated audio and/or data program signals for transmission over the Company inter-exchange network to the Customer defined point(s) on its network.

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Conditions of Service

1. Inter-exchange service is provided between rate centres of the Company exchanges, between rate centres of a Company exchange and that of another former Stentor member company, or between a Company exchange and a suitably equipped international border crossing point. F
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2. This service is for carriage of full-time inter-exchange broadcast-quality video signals, and audio signals and data signals such as close captioning, associated with the video. Transmission of other signals is not permitted. From one (1) to four (4) associated audio and/or data signals is provided dependent on available technology.
3. The program signal transmission channels (PTC) and data signals associated with each video channel are provided in the same direction as the video signal.
4. The telephone co-ordinating channels, associated with a television channel, are charged for as per bi-directional program transmission channels identified in the following Company tariffs:
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 - a. Alberta: former TCI General Tariff (CRTC 18001), Item 410 – Interexchange Radio Program Transmission Service; and
 - b. B.C: TCBC General Tariff (CRTC 1005), Item 406 – Program Transmission Service.
5. Transmit, Receive, Drop/Pass and Drop/Insert function capability features are provided to arrange point-to-point/multi-point broadcast-quality video transmission network.
6. Each end of a point-to-point network service will have either the Transmit or Receive functional capability.
7. Each drop of a "Drop/Pass" configuration provides for a single direction transmission for one (1) video and up to four (4) associated audio program channels. Additional inter-exchange or local access facilities at incremental tariff would be required to interconnect the "Drop/Pass" site to the Customer's location.
8. Each "Drop/Insert" site provides for two (2) uni-directional (one each in opposite direction) signal paths, each with up to four (4) associated audio channels. Additional inter-exchange or local access facilities at the appropriate tariff charges would be required to interconnect the "Drop/Insert" site to the Customer's location.

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525.2**Conditions of Service - Continued**

9. A Network Reconfiguration service feature is provided for temporary reconfiguration of the Customer pre-defined (default mode) multi-point network. The Customer must initiate a request for this feature.
10. The service is provided between points in Canada and cross border, subject to the availability of suitable facilities.
11. The local access required to connect the Customer's premises to the serving rate centre is provided at rates and charges as identified in the following Company tariffs: F
 - a. Alberta: former TCI General Tariff (CRTC 18001), Item 660 – Local Broadcast Video Transmission Service; and
 - b. B.C: TCBC General Tariff (CRTC 1005), Item 421 – Full-time Local Broadcast-quality Video Transmission Channel Service.
12. When it is necessary for the Company to install special equipment or to incur unusual expense to establish service, the Customer shall pay an additional charge, based on the equipment installed and the unusual expense incurred. |
13. The distance measurement for the inter-exchange channels is based on the rate distance between rate centres in the exchanges in which the Customer's service points are located or the rate centre and the international border crossing point.
14. The charge for a multi-point network is based on the minimum charges taking into account the Customer defined service requirements including network applications and the lowest sum total of the distances charges for the required network.
15. Customers who wish to own any analog-to-digital signal conversion equipment must subscribe to the Company's digital private line services for carriage of the related signals. |
16. A termination charge of one-half (1/2) of the charges remaining for the unexpired portion of the contract is payable to the Company in a single payment at the time of termination of a contract. |

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Conditions of Service - Continued

17. If the Customer migrates existing contracted service for full-time inter-exchange broadcast-quality video transmission channel service currently tariffed at Special Facilities or Special Assembly rates, to this service, the termination charges for the current service will be reduced by one-half (1/2) of the new committed revenues. The maximum reduction in termination charges would result in a waiver of termination charges for the current item.
18. A Customer may add Full-time Inter-exchange Broadcast-quality Video Transmission Channel Service points to an existing network at the terms and conditions pertinent to the contract covering that network. The additional service points are rated based on the original contract's duration, and those rates are applicable for the remaining portion of that contract.
19. A Customer may remove service points from a network. A charge equal to one-half (1/2) of the difference between the charges for the original network and the charges for the new network for the unexpired number of months, is payable to the Company at the time when the changes occur.
20. A Customer may also migrate existing contracted service for full-time inter-exchange broadcast-quality video transmission channel service currently tariffed at Special Facilities or Special Assembly rates, to this service, while continuing the same contractual conditions of contract length and lapsed interval. In this instance, no termination charges apply. This provision is available from the effective date of this tariff for a period of six (6) months.
21. The service is available on a one (1) to ten (10) year contract period basis and on a non-contracted monthly basis. The minimum service period is one month.
22. The monthly charges for cross-border service include a transmit and receive charge as well as the distance charge.

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Rates

The Customer shall pay to the Company the following rates and charges for this Item 525 service and is subject to all applicable terms and conditions of the Company's Tariffs. Such rates and charges are in addition to any other rates and charges that may be applicable.

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The monthly rates for a contracted point-to-point/multi-point channel service is calculated by adding the rates applicable for the required Terminal Functional Capability and the Distance Charges, except on route-specific cross-sections specified in Item 525.3.7.

1. Terminal Functional Capability:

Service Item	Monthly Rate
Transmit	\$ 950.00
Receive	950.00
Drop/Pass	950.00
Drop/Insert	1,900.00

2. Distance Charges:

The following monthly rates apply for uni-directional or bi-directional contracted service. The total distance charges per channel are calculated by multiplying the total mileage by the charge per mile for the appropriate distance band and adding the base charge for that band, where appropriate.

Mileage Bands	Uni-directional (Per mile + Base Rate)	Bi-directional (Per mile + Base Rate)
1 to 25	\$60.00 + \$0.00	\$105.00 + \$0.00
26 to 100	60.00 + 0.00	105.00 + 0.00
101 and over	43.50 + 1,650.00	N/A
101 to 500	N/A	76.10 + 2,890.00
501 to 1,500	N/A	65.30 + 8,290.00
1,501 to 2,000	N/A	60.90 + 14,890.00
2,001 and over	N/A	56.60 + 23,490.00

N/A – Not available or not applicable

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Rates - Continued

3. Discount Schedule:

The following discounts apply to Items 525.3.1 and 525.3.2.

Contract Duration (years)	Discount (%)
1	0
2	6
3	11
4	16
5	22
6	24
7	25
8	27
9	28
10	30

4. Network Re-configuration:

- a. Requirements for the pre-defined large volume Network Re-configuration events will be provided via special assembly. Details of such large volume event requirements, including all network points per event must be provided to the Company at least once every six (6) months.
- b. Events not included in the above arrangement will be charged at \$85.00 per event. The charges include re-setting of the network to the default condition as defined at the beginning of the service contract.

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Rates - Continued

5. Additional Discounts:

Additional discounts as outlined in the following table are calculated based on the total billing per year for full-time inter-exchange video transmission channel service leased from:

- a. the Company under this tariff item and/or the Company Special Facility tariffs; and F
- b. Other former Stentor member companies under former Stentor National Services Tariff (CRTC 7400-E) Item 403 – Broadcast and Image Full Time Inter-exchange Broadcast-quality Video Channel Service and/or their respective Special Facility or Special Assembly tariffs.

Annual Billing	Discount (%)
\$ 6,000,000	9
5,000,000	8
3,000,000	7
2,000,000	5
1,000,000	4
750,000	3
500,000	2

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525.3**Rates - Continued**

6. Monthly Non-contracted Charges:

Non-contracted service is available for a minimum one (1) month period, with the following exception: Six (6) days of service between Vancouver and the Detroit border crossing at \$42,750.00. Subsequent to the one (1) month period, the Customer may also obtain service on an additional weekly basis.

a. Monthly Charges:

The following factors are applied to the monthly rate for a one (1) year contracted service as per Items 525.3.1 and 525.3.2.

Number of Months	Factor
1	1.75
2	3.30
3	4.50
4	5.60
5	6.50
6	7.20

b. Weekly Rate:

Charges for each additional week are a factor of 0.4 applied to the monthly rate for a one year contracted service as per Items 525.3.1 and 525.3.2.

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Rates - Continued

7. Route-Specific Cross-Sections:

a. The following route-specific cross-sections are available:

Cross-Section	Service	Monthly Rate (Note)			Service Charge
		1-Year	3-Year	5-Year	
Calgary - Banff	uni-directional	\$ 8,400.00	\$ 7,140.00	\$ 5,628.00	\$2,500.00
Edmonton - Grande Prairie	uni-directional	15,360.00	13,056.00	10,291.00	2,500.00
Edmonton - Fort McMurray	uni-directional	16,160.00	13,736.00	10,827.00	2,500.00
Edmonton - Jasper	uni-directional	15,360.00	13,056.00	10,291.00	2,500.00
Edmonton - Lloydminster	uni-directional	14,480.00	12,308.00	9,702.00	2,500.00
Edmonton - Edson	uni-directional	8,960.00	7,616.00	6,003.00	2,500.00
Edmonton - Whitecourt	uni-directional	12,800.00	10,880.00	8,576.00	2,500.00
Edmonton - Red Deer	uni-directional	9,440.00	8,024.00	6,325.00	2,500.00
Calgary - Red Deer	uni-directional	9,440.00	8,024.00	6,325.00	2,500.00
Calgary - Lethbridge	uni-directional	7,200.00	6,120.00	4,824.00	2,500.00
Calgary - Medicine Hat	uni-directional	8,960.00	7,616.00	6,003.00	2,500.00
Lethbridge - Medicine Hat	uni-directional	6,560.00	5,576.00	4,395.00	2,500.00
Calgary - Banff	bi-directional	10,500.00	8,925.00	7,035.00	2,500.00
Edmonton - Grande Prairie	bi-directional	19,200.00	16,320.00	12,864.00	2,500.00
Edmonton - Fort McMurray	bi-directional	20,200.00	17,170.00	13,534.00	2,500.00
Edmonton - Jasper	bi-directional	19,200.00	16,320.00	12,864.00	2,500.00
Edmonton - Lloydminster	bi-directional	18,100.00	15,385.00	12,127.00	2,500.00
Edmonton - Edson	bi-directional	11,200.00	9,520.00	7,504.00	2,500.00
Edmonton - Whitecourt	bi-directional	16,000.00	13,600.00	10,720.00	2,500.00
Edmonton - Red Deer	bi-directional	11,800.00	10,030.00	7,906.00	2,500.00
Calgary - Red Deer	bi-directional	11,800.00	10,030.00	7,906.00	2,500.00
Calgary - Lethbridge	bi-directional	9,000.00	7,650.00	6,030.00	2,500.00
Calgary - Medicine Hat	bi-directional	11,200.00	9,520.00	7,504.00	2,500.00
Lethbridge - Medicine Hat	bi-directional	8,200.00	6,970.00	5,494.00	2,500.00

Note: Terminal Functional Capability and Distance Charges are included in the above rates. Discounts in Items 525.3.3 and 525.3.5 do not apply.

b. Discount Option

An additional discount of thirty percent (30%) on the above rates applies for Customers subscribing to a five-year contract and with four (4) or more routes in the Company's territory.

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