

INTRA-EXCHANGE DISTANCE CHARGES

1. **GENERAL**

- 1.01 The regulations and charges herein apply to channels that are provided to meet special requirements of customers. Such charges are in addition to the other rates and charges applicable.
- 1.02 Distance charges are based on the provision of standard arrangements of equipment and facilities. When it is necessary for the Company to install special equipment or to incur any unusual expense in order to provide any of such channels, it may make an additional charge based on the equipment installed or other unusual expense incurred.

2. **LOCAL CHANNELS**

2.01 General

- (a) Local distance charges or rentals apply as follows to local channels between points in the same exchange, other than central office lines.

- (1) Between service points
- (2) Between service points and the rate-centre location or wire centre used as a measuring point on an inter-exchange channel provided for the customer.

For the purpose of this section, a service point relates to a demarcation point, on a customer's premise, at a mutually agreed point which is eight inches from the closest non-competitive cable terminal or at the first logical point of entry on the customer's premise.

- (b) The capacity of the local channel provided determines the monthly distance charge or rental applicable. Local channels with three different band-widths are furnished as follows:

- (1) Voice-grade local channels are those with the bandwidth to carry telephone speech or its equivalent.
- (2) Teletype-grade local channels are those with a narrower bandwidth than voice-grade ones. They are provided to carry electrical impulses (signals)
- (3) Other local channels with a greater bandwidth than the voice-grade ones. They are provided for wired music and program transmission.

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- (c) The monthly distance charge provides for one pair of wires or the equivalent between the telephone or service points.

The multi element service charges provide the connection of a local channel to the service point which is the demarcation point.

- (d) When a multi-wire channel is provided the following apply:

- (1) A charge applies for each pair of wires or the equivalent that is part of the channel when provided for the following, solely or in combination:
- a. For duplex operation.
 - b. To connect customer-provided or lessee-provided equipment.
 - c. Solely within the exchange and with no inter-exchange connection.
 - d. For each SL-1 telephone located in a building other than where the console is located.
- (2) When an additional single wire or the equivalent is used, it is charged for as a channel.
- (3) The initial 400-metre distance charge, if applicable, only applies once.
- (4) Multi-wire channels provided under any other circumstances than specified above are charged for as single channels.

2.02 **Channel Measurement**

- (a) Channels between buildings on different properties:

- (1) For a two-point local channel the charge or rental is based on the airline distance between the centres of the buildings in which the channel terminates and provides for the facilities to extend the channel to connect one or more additional telephones or service points in the same building. See Item 2.03 (c) for channels between buildings on continuous property.

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- (2) For a channel between more than two points (multi-point) the following applies:
- a. for a channel, except for those specified in c. following, with no bunching arrangement, bridging arrangement or distributing amplifier the chargeable distance between each of the combinations of pairs of service points is determined separately. The total chargeable distance is the combination of distances connecting all service points that produce the lowest charge;
 - b. for a channel with one or more distributing amplifiers, bridging arrangements, or bunching arrangements, the chargeable distance is the sum of the following, each being determined separately:
 - A. The rental for the portion of channel between the lessee's premises and the wire centre in which a distributing amplifier, bridging arrangement (or the first of two or more), or a bunching arrangement is located. If there are two or more distributing amplifiers or bridging arrangements, measurement is continued from the wire centre previously mentioned and is the shortest distance linking all other wire centres in which there is a distributing amplifier or bridging arrangement on the same network. The rental is computed separately for each of the legs that comprise this portion of the channel. The initial 400-metre distance applies only once.
 - B. The rental for the portions of channel between a wire centre in which there is a distributing amplifier, bridging arrangement or bunching arrangement and each service point associated with it, each computed separately. The initial 400-metre distance does not apply to such portions.

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- c. For Teletype service and data channels Schedules 1, 2, 3 and 3A, one service point is designated as the control point. The distance charge or rental is determined separately for the portion of channel between the control point and each of the other service points. When a switching arrangement is provided the control point is the service point at which the switching arrangement is located.

2.03 Rates and Charges

- (a) Channel between buildings on different properties:

- (1) Two-point local channel:

- a) For voice-grade local channels the initial and additional 400 metres distance charges or rentals for various numbers of channels are specified below:

	MRC	SC	USOC
Voice channels, each initial 400 metres	\$22.00	MESC	1ARBY*
Additional 400 metres	\$3.30	MESC	1ARBY **

- b) A channel provided for an off premise additional telephone. The chargeable distance is that between the wire centre that serves the main telephone and the building in which the additional telephone is installed. This does not apply to Centrex locals (see Section 210)

	MRC	SC	USOC
Initial 400 metres	\$22.00	MESC	1LLBY
Additional 400 metres	\$3.30	MESC	1ALBY

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2.03 Rates and charges (cont'd)

c) A channel that extends a central office line or trunk line to an answering board in the same exchange.

	MRC	SC	USOC
Initial 400 metres	\$22.00	MESC	1LQBY
Additional 400 metres	\$3.30	MESC	1AQBY

d) Class A, B Signal Channels

	MRC	SC	USOC
Minimum Monthly Charge (quantities of 5-0.4 km or less)	\$13.90	MESC	1MABY
Duplex	\$27.85	MESC	1MABD
Each 400 meters	\$4.50		1AMBY
Duplex	\$18.00		1LABD

Class C Signal Channels

	MRC	SC	USOC
Initial 400 metres	\$22.00	MESC	1LMBY
Duplex	\$22.00	MESC	1LMBD
Additional 400 metres	\$3.30		1AMBY
Duplex	\$6.60		1AMBD

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2.03 Rates & charges (cont'd)

e) Schedules 1, 2, 3, 3A Data and Teletype Channels

	MRC	SC	USOC
Minimum Monthly Charge (quantities of 5-0.4 km or less)	\$13.90	MESC	1M6BY
Duplex	\$27.85	MESC	1M6BD
Each 400 metres	\$4.25		1L6BY
Duplex	\$17.00		1L6BD

* Same rate for 1LPBY, 1LPTY, 1LTBY, 1L8BY

** Same rate for 1APBY, 1APTY, 1ATBY, 1A8BY

f) Data Channels Schedule 4

	MRC	SC	USOC
Initial 400 metres	\$22.00	MESC	1LVBY
Duplex	\$22.00	MESC	1LVBD
Additional 400 metres	\$3.40		1AVBY
Duplex	\$6.85		1AVBD

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2.03 Rates & charges (cont'd)

g) For channels with a greater band-width than for voice-grade ones, the distance charges or rentals are as stated below:

		MRC	SC	USOC
(i)	Local Program Transmission Channel			
	Non-equalized Channel:			
	Initial 400 metres	\$23.00	MESC	PTCBA
	Additional 400 metres	\$3.75		PACBA
	Equalized to 5,000 or 8,000 Hertz:			
	Initial 400 metres	\$23.00	MESC	PTCBB
Additional 400 metres	\$4.15		PACBB	
Equalized to 15,000 Hertz:				
Initial 400 metres	\$26.50	MESC	PTCBC	
Additional 400 metres	\$5.20		PACBC	
ii	Local Wired Music Channel			
	5,000 Hertz			
	Initial 400 metres	\$23.00	MESC	1L1BY
	Additional 400 metres	\$3.75		1A1BY
	8,000 Hertz			
	Initial 400 metres	\$23.00	MESC	1L1CY
Additional 400 metres	\$4.40		1A1CY	
15,000 Hertz				
Initial 400 metres	\$23.00	MESC	1L1DY	
Additional 400 metres	\$5.35		1A1DY	

(h) channels provided for interconnection to CNCP facilities for which no inter-exchange commission is payable to the Company.

- Minimum monthly Charge for:
2 kilometres or quantities of 5-0.4 km or less:
- | | | |
|------------|-----------|-------------|
| <u>MRC</u> | <u>SC</u> | <u>USOC</u> |
| \$52.15 | MESC | 1M6C2 |

Each additional 400 metres

- a) Refer to paragraphs a) to g) for appropriate channel type and rates
- b) Use rates that relate to additional 400 metres
- c) Determine if wire is Simplex (2 wires) or Duplex (4 wires)

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2.03 Rates & charges (cont'd)

(2) Multi-point local channel:

(a) for a voice-grade multi-point channel the monthly charges or rentals apply as stated in 2.03 (a) (1) a). The initial 400-metre distance charge or rental applies once on each channel.

(b) for a teletype-grade multi-point channel the monthly charges or rentals apply as stated in 2.03 (a) (1) e).

(a) Channels between points in the same building:

(1) The following apply for channels provided in the same building:

a) see Section 190 for tie trunks and Section 810 for intercommunicating channels.

b) A monthly charge applies for any other any other voice or Teletype grade channel I (QLABB - \$5.20, 1LABA (duplex) \$10.45).

c) A channel that extends a central office line or trunk line to an answering board (1LQBB - \$0.00).

d) A monthly charge applies for voice channel 1LRBB \$5.20.

(b) Channels between buildings on continuous property:

(1) When a channel is extended to connect one or more additional telephones ore service points from the first telephone or service point on the customer's or lessee's premises, an additional charge applies as specified in (5) and (6).

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2.03 Rate & charges (cont'd)

- (2) The customer or lessee is to provide, install and maintain the poles or underground conduit, or do the trenching and back-filling for buried wire or cable, required primarily for local channels provided for him on continuous property. The charges specified in (5) and (6) apply only when the customer or lessee complies with this condition. When the customer or lessee does not comply with this condition the monthly charges or rentals are those stated in Item 2.03 (a) (1) a. or b. for voice-grade channels or Item 2.03 (a) (1) e. for Teletype-grade channels.
- (3) When a channel is provided between points in more than two buildings, the charge applies to the portion of channel between each pair of buildings.
- (4) All types of channels provided for the same customer are combined in determining the distance charges.
- (5) The monthly charges or rentals as stated below apply for all channels between buildings on the same continuous property of the customer or lessee, furnished prior to 1989 07 01. Moves of channels, furnished prior to 1989 07 01, are subject to the charges and rentals specified in (6). The following rates are destandardized for new installations.

	MRC	USOC
First 10 channels, each	\$2.65	1LWC1
Next 15 channels, each	\$2.05	1LWC2
Each channel in excess of 25	\$1.15	1LWC3

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2.03 Rates & charges (cont'd)

(6) The following charges apply for the provision of new or additional channels between buildings on the same or continuous property of the customer or lessee furnished on or after 1989 07 01

QUANTITY	NON-RECURRING CHARGE		MONTHLY RENTAL		SERVICE CHARGE	
	1 st 100 metres	Each add'l 50 metres	1 st 100 metres	Each add'l 50 metres	1 st 100 metres	Each add'l 50 metres
1 Channel	75.00	56.75	1.00	.55	115.00	39.00
2 Channels	154.05	56.75	1.50	.55	233.30	39.00
6 Channels	490.35	82.65	1.30	.60	233.30	39.00
25 Channels	2138.20	206.05	6.45	.85	776.00	39.00
50 Channels	2844.05	388.30	7.95	1.20	776.00	39.00
75 Channels	4497.80	531.20	12.45	1.50	776.00	39.00
100 Channels	4815.95	687.05	14.15	1.80	776.00	39.00

QUANTITY	NON-RECURRING CHARGE		MONTHLY RENTAL	
	1 st 100 metres USOC	Each add'l 50 metres USOC	1 st 100 metres USOC	Each add'l 50 metres USOC
1 Channel	1CA	ACA	CBB01	CBB00
2 Channels	1CB	ACB	CBB02	CBB03
6 Channels	1CC	ACC	CBB06	CBB07
25 Channels	1CD	ACD	CBB25	CBB26
50 Channels	1CE	ACE	CBB50	CBB51
75 Channels	1CF	ACF	CBB75	CBB76
100 Channels	1CG	ACG	CBB10	CBB11

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2.03 Rates & charges (cont'd)

- (c) For a channel established prior to 1989 07 01 a customer or lessee has the option of converting channels provided under (5) above, to channels provided under (6) above.
- (d) Channels are provided between buildings on continuous property only. To extend channels within a building, additional charges apply as appropriate.