

GENERAL^{/1/}**A. Terms and Conditions**

1. Telecommunications Channel Service is the furnishing of facilities, wholly within or partly within and partly without the State of Illinois, for telecommunications between locations, all of which are within a Market Service Area within the State of Illinois. The service is available between:
 - a. two or more customer-designated premises.
 - b. the patron of an Interconnector and a Company central office for connection to Optical Interconnection Service via central office multiplexing provided under the provisions of tariff ILL. C. C. No. 21, Section 7.
 - c. customer-designated or Other Telecommunications Carriers (OTC) premises to the premises of a OTC for connection to the services or facilities of the OTC.
 - d. customer-designated premises for direct connection to Inter-MSA facilities.
 - e. customer-designated premises and a Company office where multiplexing, bridging, hubbing, or cross-connection functions are performed. Rates for cross-connection of Series Channel services at hubbing locations are the same as those for *Base Rate Service* in Part 15, Section 3, Cross-connection of Services.
 - f. Company offices for termination in central office multiplexers.
2. Individual telecommunications channel services are furnished for specific purposes, as specified herein, and may not be used for other purposes without the consent of the Company. Channel services are furnished twenty-four hours daily, seven days per week, except as otherwise specifically stated.
3. Telecommunications Channel Service is provided only by means of facilities which are not needed by the Company in the furnishing of Exchange and Long Distance Telecommunications Services. The use and restoration of Telecommunications Channel Service shall be in accordance with Part 64, Subpart D, Appendix A of the Federal Communications Commission's Rules and Regulations, which specifies the priority system for users of such service.

Subject to compliance with the above rules, the Company may refuse to furnish new or additional channel service and may suspend, in whole or in part, the furnishing of existing channel service whenever such facilities are needed in the furnishing of Exchange and Long Distance Telecommunications Services. No liability whatsoever shall attach to the Company in such cases where the Company refuses to furnish new or additional channel service. The only liability of the Company in such cases where the Company suspends existing channel service shall be an abatement of the charge for such service for the period of interruption.

^{/1/} See Part 2, Section 2, *Application of Private Line Rates and Regulations* for the application of Telecommunication Channel Service rates and regulations for those MSAs in which AT&T Illinois provides service.

GENERAL^{/1/} (cont'd)**A. Terms and Conditions (cont'd)**

4. Facilities furnished on a twenty-four (24) hour per day basis shall be available to the Company once in each twenty-four (24) hours, at a time agreeable to both the customer and the Company, to make such tests and adjustments as may be necessary to maintain the facilities in satisfactory operating condition.
5. The rates of the Company applicable to channel service also apply to service furnished by means of the combined facilities of the Company and a connecting carrier, provided and so long as the connecting company accepts a prorate of such rates. If, however, the connecting company refuses such prorate, the rates of the connecting company apply for the portions of the total service furnished by that company.
6. The customer agrees to notify the Company promptly in writing whenever alterations or new construction on premises owned or leased by the customer or an authorized user will necessitate changes in the Company's equipment, and the customer agrees to pay the Company's current charges for such changes. The Company will move the equipment to any point where the Company furnishes similar service accessible with its facilities upon written order, provided the customer agrees to pay the Company's current charges therefore.
7. The minimum contract period is one month except (1) when channel service is furnished for fractional periods or (2) when the provision of the channel facilities involves unusual costs, a longer contract period may be required in lieu of a construction charge as provided in paragraph A.9 following.
8. All rates and charges quoted in this guidebook provide for the furnishing of channel service when suitable facilities are available or where the construction of the necessary facilities does not involve unusual costs. When the revenue to be derived from the channel service does not warrant the Company assuming the unusual costs of providing the necessary construction, the customer may be required to pay all or a portion of such costs or to contract for the channel service for a sufficient period to warrant the construction, depending upon the circumstances in each case.
9. The number of stations that may be connected to a Multi-Point channel service and the distance over which satisfactory transmission is possible is limited by operating and transmission factors.
10. Rates and charges for channel services in this Part apply in addition to any service and equipment charges.

Service Charges, under the provisions of Part 3, Section 1, also apply for channel services.

11. The Network Access Areas for Channel Services are identified in Part 4, Section 2.
12. The end of a Telecommunications Channel Service is the same as that specified for a central office line in Part 2, Section 1.

^{/1/} See Part 2, Section 2, *Application of Private Line Rates and Regulations* for the application of Telecommunication Channel Service rates and regulations for those MSAs in which AT&T Illinois provides service.

SERVICE TRANSPORT FACILITIES

Service Transport Facilities (STF) are subject to the rates and regulations as specified in Part 4, Section 2.

Service Transport Facilities provided on a complement basis may be used in conjunction with local channels provided in the **SERIES 1000, 2000 and 3000 CHANNEL SERVICES** paragraphs following. (C)
STF provided on a one facility pair-at-a-time basis are not for use with these channels.

MILEAGE MEASUREMENT**A. Service Area - Territorial Limits**

1. Multi-Service Areas

- a. In MSA 1, a Service Area (S.A.) and a District generally represent the same geographic area. The exception is S.A. 105 which is composed of the six districts listed in 2. following.
- b. In MSAs other than MSA 1, a Service Area (S.A.) and an exchange generally represent the same geographic area. Exceptions are the multi-S.A. exchanges and multi-exchange S.A.'s listed in 3., 4. and 5. following.
- c. Each S.A. is identified by the telephone number prefixes that serve the area for telephone exchange service, as specified in Part 4, Section 2.

2. Multi-District Service Area - MSA 1

<u>Service Area</u>	<u>District</u>
105	Franklin, Illinois-Dearborn, Canal, Lake Shore, Superior, Wabash

3. Multi-Service Areas – Other than MSA 1

<u>Exchange</u>	<u>Service Area</u>
Alton	College, North, Elsah
Belleville	Adams, Pioneer
Canton	Main, South
Champaign-Urbana	Treat as one S.A.
Decatur	Main, North
East Moline	Main, Green Rock
East St. Louis	Bridge, Deerfield
Granite City	Pontoon Beach, Triangle
Moline	Main, Coal Valley
Mound City	Main, Olmsted
Peoria	Bartonville, Bluffs, East, Jefferson, North
Rockford	Main, East, North Parkside
Rock Island	Main, Milan
Springfield	Lake, West, Main-Capitol
Wood River	Main, North

MILEAGE MEASUREMENT (cont'd)**A. Service Area - Territorial Limits (cont'd)**

4. Multi-Service Areas – Other Companies

<u>Service Area</u>	<u>Other Exchanges Served</u>
Apple River	Main, Canyon
Green River	Geneseo Main, North
Orion	Main, North

5. Multi-Exchange Service Areas – Other than MSA 1

<u>Service Area</u>	<u>Other Exchanges Served</u>
Edgington	Illinois City (791)
Edgington	Rock Island (798)
Kell	Dix (266)

MILEAGE MEASUREMENT (cont'd)**B. V-H Coordinate System**

1. Description

For the purpose of determining airline mileages a Vertical (V) and Horizontal (H) coordinate system is used. The V-H system consists of a series of coordinates which represents a theoretical grid of vertical and horizontal lines covering the State of Illinois.

A vertical (V) and a horizontal (H) coordinate is computed for each service area center in Illinois from its latitude and longitude location by use of appropriate map-projection equations. These coordinates permit calculation of the distance between any two locations as explained in 2. following.

The vertical (V) and horizontal (H) coordinates for service area centers are listed in B.3 following.

The service area centers are arranged to indicate those of the Company (shown in all capital letters, i.e., ALGONQUIN) and those of other companies (shown with initial capital letter, i.e., Belvidere).

2. Determination of Airline Mileages

To determine the rate distance between any two locations (service area center to service area center) proceed as follows:

- a. Obtain the "V" and "H" coordinates for each location.
- b. Obtain the difference between the "V" coordinates of the two locations. Obtain the difference between the "H" coordinates.
- c. Square each difference obtained in b. above.
- d. Add the squares of the "V" difference and the "H" difference obtained in c. above.
- e. Divide the sum of the squares obtained in d. above by 10.
- f. Obtain the square root of the result obtained in e. above. This is the rate distance (rounded upward to 1/4 miles for short haul and to whole miles for long haul).

MILEAGE MEASUREMENT (cont'd)**B. V-H Coordinate System (cont'd)**

2. Determination of Airline Mileages (cont'd)

g. Example:

The rate distance is required between the Wheaton S.A. Center and the Elmhurst S.A. Center.

	V		H	
1. Wheaton	6025.28		3492.33	
Elmhurst	6006.55		3471.15	
2. Difference	18.73		21.18	
3. Square each difference and add together	350.813	+	448.592	= 799.405
4. Divide by 10	799.405	/	10	= 79.94
5. Square root of 79.94 = 8.9 which is rounded up to 36 1/4-mile segments				
6. When service, other than 9-1-1 Telecommunication Channel Services (Tariff III. C.C. No. 22, Part 8, Section 3), is furnished by means of the combined facilities of the Company and an OTC, the applicable rate distance is the Company's portion of the service area center to service area center mileage. The billing percentage, which represents the Company's portion of the service, is determined as set forth in the National Exchange Carrier Association Tariff F.C.C. No. 4 (NECA No. 4) and is listed in that tariff. For 9-1-1 Telecommunication Channel Services, the applicable rate distance is the mileage determined in B.2.f.				

MILEAGE MEASUREMENT (cont'd)**B. V-H Coordinate System (cont'd)**

3. V and H Coordinates of SA Centers

<u>S.A. Center</u>	<u>V</u>	<u>H</u>	<u>S.A. Center</u>	<u>V</u>	<u>H</u>
Addieville	6798.75	3351.98	Barrington		
Albany	6196.46	3791.10	Barrington	5971.85	3525.08
Albers	6782.99	3383.46	Barrington		
Aledo	6348.62	3812.06	South	5988.03	3515.01
Alexis	6361.13	3770.23	Bartelso	6769.36	3362.71
Algonquin	5981.80	3549.32	Bartlett	6006.74	3516.73
Alhambra	6721.26	3437.15	Batchtown	6762.75	3591.77
Alpha	6323.16	3756.84	Bath	6499.77	3624.85
Altamont	6614.06	3304.85	Beardstown	6555.20	3651.53
Alton			Beaverville	6165.36	3333.78
College	6749.68	3502.44	Beckemeyer	6753.63	3363.99
Elsah	6753.90	3536.11	Beecher	6088.41	3369.71
North	6747.09	3511.88	Beecher City	6594.39	3325.46
Alvin	6283.72	3260.58	Belleville		
Andover	6297.32	3753.88	Adams	6813.26	3439.58
Annawan	6249.77	3707.35	Pioneer	6795.47	3422.38
Antioch	5907.49	3553.45	Bellwood		
Apple River			Bellwood	6002.41	3459.06
Main	6048.63	3842.11	Hillside	6009.18	3464.04
Canyon	6064.42	3845.38	Belvidere	6004.93	3637.03
Argenta	6440.74	3407.94	Bement	6434.06	3364.30
Arlington			Bensenville	5995.42	3477.04
Heights	5973.88	3496.84	Benson	6296.52	3537.53
Armstrong	6306.36	3300.39	Bethalto	6741.36	3485.46
Ashkum	6202.47	3369.80	Bethany	6500.00	3361.93
Ashland	6548.56	3576.07	Big Rock	6077.80	3545.30
Ashley	6788.34	3300.06	Bismarck	6292.97	3256.43
Astoria	6508.77	3660.31	Blue Island	6032.38	3409.64
Athens	6513.71	3540.60	Blue Mound	6518.24	3424.51
Atkinson	6252.86	3725.85	Blueford	6752.28	3229.46
Auburn	6586.62	3507.76	Bondville	6381.65	3353.43
Aurora			Bradford	6273.26	3649.20
East	6060.31	3507.23	Braidwood	6148.70	3446.67
Main	6061.91	3511.19	Breese	6759.48	3379.05
Aviston	6765.74	3390.95	Brighton	6722.65	3514.09
			Brimfield	6355.52	3649.64

MILEAGE MEASUREMENT (cont'd)**B. V-H Coordinate System (cont'd)**

3. V and H Coordinates of SA Centers (cont'd)

<u>S.A. Center</u>	<u>V</u>	<u>H</u>	<u>S.A. Center</u>	<u>V</u>	<u>H</u>
Broadlands	6391.99	3277.30	Cherry Valley	6013.55	3652.40
Brownstown	6640.86	3329.59	Chesterfield		
Brussels	6774.24	3572.82	Rockbridge	6675.45	3522.79
Buckley	6260.09	3355.47	Chestnut	6454.99	3468.88
Buda	6246.20	3666.84	CHICAGO		
Buffalo	6510.76	3482.50	AUSTIN	5994.58	3443.09
Bunker Hill	6707.79	3485.57	BEVERLY	6020.58	3412.87
Bureau	6227.23	3618.21	CALUMET	5991.14	3421.43
BURTON	6636.57	3764.39	EDGEWATER	5971.21	3440.05
Byron	6060.79	3684.13	105	5985.99	3425.98
Cabery	6199.37	3418.27	Canal	5986.64	3426.40
Cairo	7042.22	3167.70	Franklin	5986.14	3426.09
CALUMET CITY	6030.81	3384.24	Illinois-		
Cambridge	6288.02	3740.34	Dearborn	5984.11	3426.05
Camp Grove	6290.73	3635.48	Lake Shore	5984.60	3424.22
Campus	6201.62	3435.76	Superior	5983.62	3426.31
CANTON			Wabash	5987.19	3424.34
MAIN	6421.72	3643.94	HUMBOLDT	5984.75	3438.59
SOUTH	6433.34	3639.23	HYDE PARK	6001.62	3409.78
CANTRALL	6514.17	3530.99	IRVING	5978.30	3443.72
Capron	5971.70	3636.17	KEDZIE	5992.85	3436.54
CARLYLE	6746.90	3354.57	KILDARE	5981.78	3450.29
Cary	5969.31	3545.21	LAFAYETTE	6000.32	3426.83
Castleton	6288.42	3650.13	LAWNDALE	5997.30	3434.05
CATLIN	6339.32	3250.01	LAKEVIEW	5975.56	3435.14
Cedar Point	6217.00	3579.44	MERRIMAC	5988.60	3448.81
Cedarville	6039.86	3763.41	MITCHELL	6022.23	3390.67
CENTRALIA	6744.18	3311.18	MONROE	5988.53	3429.40
Cerro Gordo	6451.81	3384.74	NEWCASTLE	5977.83	3460.07
CHAMPAIGN-			O'HARE	5987.64	3473.30
URBANA			OAKLAND	5996.81	3414.70
MAIN	6371.00	3336.00	PORTSMOUTH	6013.59	3429.59
UNIVERSITY	6370.36	3330.43	PROSPECT	6009.48	3422.14
Chandlerville	6528.02	3612.42	PULLMAN	6022.61	3404.59
Chatham	6566.60	3508.39	ROGERS PARK	5965.39	3443.61
Chebanse	6175.67	3375.89	SOUTH	6008.70	3399.49
			CHICAGO		
Cheneyville	6252.32	3273.83	STEWART	6009.94	3412.35

MILEAGE MEASUREMENT (cont'd)**B. V-H Coordinate System (cont'd)**

3. V and H Coordinates of SA Centers (cont'd)

<u>S.A. Center</u>	<u>V</u>	<u>H</u>	<u>S.A. Center</u>	<u>V</u>	<u>H</u>
Chicago Heights			Divernon	6585.10	3491.55
Main	6059.34	3387.65	Donovan	6175.59	3320.92
East	6054.12	3379.86	Dorchester	6695.10	3479.93
Park Forest	6065.99	3392.11	Dover	6203.89	3635.36
Chillicothe	6312.58	3598.48	Dow	6740.89	3537.76
CICERO	6004.48	3442.24	DOWNERS GROVE	6031.01	3471.44
Cisco	6427.73	3396.12	Dubois	6809.97	3293.13
Cissna Park	6258.15	3328.67	DUNDEE	5993.16	3539.92
Clifton	6190.08	3372.40	Dunlap	6335.38	3611.24
COAL CITY	6150.67	3459.55	Dupo	6828.72	3474.55
COLLINSVILLE	6781.99	3455.30	Durrand	6006.73	3725.19
Collison	6316.71	3280.94	DWIGHT	6197.45	3460.42
Columbia	6843.05	3465.79	EARLVILLE	6139.26	3582.00
COLUMBUS	6612.79	3756.66	East Dubuque	6087.85	3914.93
Compton	6131.26	3616.04	East Lynn	6269.57	3305.47
Congerville	6347.84	3527.34	EAST MOLINE		
Cordova	6220.14	3795.00	MAIN	6265.14	3796.98
CRESCENT CITY	6216.05	3344.52	GREEN ROCK	6267.63	3787.39
CRETE	6070.66	3380.18	Easton	6469.67	3584.56
CRYSTAL LAKE	5970.90	3562.41	EAST ST. LOUIS		
Cuba	6445.09	3661.85	DEERFIELD	6817.25	3473.12
Cullom	6226.75	3416.00	BRIDGE	6804.66	3476.37
Dakota	6029.61	3748.76	Edelstein	6317.38	3622.27
Dalton City	6491.89	3377.93	EDGEMONT	6803.93	3458.37
Danforth	6215.37	3367.65	Edgewood	6632.83	3278.64
DANVILLE	6321.51	3245.72	EDGINGTON	6311.40	3832.63
Davis	6014.84	3735.73	EDWARDSVILLE	6753.50	3464.13
DECATUR			ELBURN	6047.48	3547.31
MAIN	6477.89	3414.22	ELGIN	6005.43	3534.46
NORTH	6468.57	3418.25	Eliza	6337.36	3855.12
Deer Creek	6355.21	3547.18	Elizabeth	6093.77	3842.05
DEERFIELD	5947.92	3485.58	ELK GROVE	5984.31	3489.69
De Land	6400.52	3395.33	Elliott	6306.63	3374.55
DELAVAN	6421.27	3554.21	Ellisville	6427.80	3684.96
Depue	6217.88	3612.12	ELMHURST	6006.55	3471.15
Des Plaines	5975.10	3478.04	Elmira	6285.33	3674.92

MILEAGE MEASUREMENT (cont'd)**B. V-H Coordinate System (cont'd)**

3. V and H Coordinates of SA Centers (cont'd)

<u>S.A. Center</u>	<u>V</u>	<u>H</u>	<u>S.A. Center</u>	<u>V</u>	<u>H</u>
Elmwood	6373.31	3655.45	GENEVA	6036.33	3522.91
Elwin	6490.11	3413.44	GEORGETOWN	6350.24	3230.95
ELWOOD	6113.79	3445.89	GERMANTOWN	6771.51	3375.26
Emington	6216.08	3437.70	Germantown		
Erie	6211.35	3757.34	Hills	6338.32	3580.78
Eureka	6333.06	3547.54	German Valley	6059.75	3724.43
EVANSTON	5958.47	3448.99	GIBSON CITY	6314.20	3389.59
FAIRMOUNT	6352.39	3266.99	Gifford	6317.17	3321.77
Fairview	6415.65	3670.22	GILMAN	6226.87	3364.12
(Fulton Co.)			Girard	6617.27	3498.60
Farina	6658.84	3286.58	Glasford	6403.66	3611.66
FARMINGTON	6391.66	3653.46	GLEN CARBON	6766.57	3461.25
Fayetteville	6824.69	3397.67	GLEN ELLYN	6020.28	3487.90
Fiatt	6431.23	3666.44	GLENVIEW	5962.58	3469.99
Fieldon	6735.77	3575.11	Goodfield	6350.42	3538.90
Fisher	6340.47	3371.07	Grafton	6758.43	3551.84
FITHIAN	6342.71	3280.28	GRANITE CITY		
Flatville	6332.94	3320.47	TRIANGLE	6788.65	3482.64
Foosland	6338.45	3387.51	PONTOON	6777.51	3474.11
			BEACH		
Forest City	6441.53	3595.49	Grantfork	6727.23	3422.26
Forrest	6261.79	3423.76	GRANT PARK	6109.68	3361.67
(Livingston Co.)			Granville	6225.46	3594.22
Forreston	6084.33	3730.28	Grays Lake	5928.65	3530.82
FOWLER	6616.79	3774.77	Green River		
FOX LAKE	5928.24	3553.18	Geneseo Main	6268.39	3772.73
FRANKFORT	6068.57	3416.00	North	6252.32	3762.70
FRANKLIN PARK			Green Valley	6420.91	3571.51
SCHILLER PARK	5990.68	3466.35	Greenvew	6490.54	3554.20
FREEBURG	6823.96	3419.87	GREENVILLE	6696.13	3389.04
Freeport	6054.63	3753.62	Groveland	6377.00	3573.56
GALENA	6090.96	3881.08	Hamburg	6729.09	3619.40
Galva	6303.92	3705.08	Hamel	6729.82	3454.31
Garden Prairie	5996.97	3619.95	Hammond	6458.79	3355.00
Gardner	6170.23	3452.50	HAMPSHIRE	6012.35	3576.38
Geneseo	6256.65	3748.66	Hampton	6252.85	3792.76

MILEAGE MEASUREMENT (cont'd)**B. V-H Coordinate System (cont'd)**

3. V and H Coordinates of SA Centers (cont'd)

<u>S.A. Center</u>	<u>V</u>	<u>H</u>	<u>S.A. Center</u>	<u>V</u>	<u>H</u>
HANNA CITY	6377.37	3622.13	ITASCA	5997.77	3489.28
Hanover	6110.03	3845.19	IUKA	6701.49	3267.78
Hardin	6735.51	3598.04	Ivesdale	6420.47	3349.49
HARDING	6148.03	3564.09	Jerseyville	6721.81	3549.77
HARMONY			JOLIET		
(JEFFERSON CO.)	6741.87	3247.37	MAIN	6087.77	3454.40
HARRISTOWN	6486.05	3434.22	WEST	6090.25	3459.14
HARVARD	5956.69	3620.86	Joy	6358.22	3830.89
HARVEY	6038.79	3399.41	Kampsville	6707.36	3610.24
Havana	6472.53	3624.00	KANEVILLE	6062.18	3549.26
Hebron	5933.83	3599.96	KANKAKEE	6149.04	3381.11
Hecker	6851.11	3422.66	KASKASKIA	6923.00	3372.00
Hennepin	6233.07	3608.80	Keithsburg	6381.52	3831.00
Henning	6291.77	3273.84	KELL	6734.52	3273.04
Henry	6264.27	3599.02	Kempton	6213.45	3416.80
Herrick	6600.48	3356.38	Kewanee	6280.35	3694.80
HERSCHER	6180.91	3408.11	Keyesport	6714.96	3353.50
Hettick	6654.37	3528.67	Kilbourne	6497.28	3601.66
Highland	6746.35	3414.53	KINMUNDY	6676.51	3291.85
Highland Park	5940.62	3480.96	Kinsman	6189.68	3491.13
Hillsdale	6226.64	3767.34	Kirksville	6508.93	3344.09
HINSDALE	6024.24	3460.04	Lacon	6284.39	3596.75
Hoffman	6753.08	3332.14	Ladd	6201.44	3604.99
Homer	6364.20	3284.86	LA GRANGE	6017.25	3459.03
HOMEWOOD	6050.38	3397.07	LAKE FOREST	5931.62	3493.42
Hoopeston	6259.37	3285.78	LAKE VILLA	5917.68	3544.22
Hopedale	6401.41	3539.02	LAKE ZURICH	5960.55	3523.27
Hoyleton	6772.82	3323.99	La Moille	6177.66	3628.08
HUNTLEY	5991.22	3568.55	La Place	6468.22	3374.10
Illiopolis	6497.95	3458.02	La Rose	6279.59	3567.86
Ina	6800.12	3238.93	La SALLE	6201.65	3581.58
INDIANOLA	6368.48	3241.65	Latham	6469.96	3457.11
IPAVA	6482.27	3667.52	Lebanon	6782.51	3421.51
Irvington	6764.57	3306.60	Leland	6125.17	3566.70

MILEAGE MEASUREMENT (cont'd)**B. V-H Coordinate System (cont'd)**

3. V and H Coordinates of SA Centers (cont'd)

<u>S.A. Center</u>	<u>V</u>	<u>H</u>	<u>S.A. Center</u>	<u>V</u>	<u>H</u>
LEMONT			Mason City	6464.78	3559.60
BOLINGBROOK	6059.28	3475.15	Massbach	6100.46	3820.49
MAIN	6053.72	3457.19	Matherville	6326.51	3796.75
NORTH	6047.23	3461.83	MAZON	6169.27	3474.80
Lena	6053.06	3790.54	McCLURE	7002.00	3238.00
LEWISTOWN	6461.14	3647.02	Mcconnell	6035.56	3783.29
LIBERTY	6631.54	3739.09	McHENRY	5944.79	3563.33
LIBERTYVILLE	5933.12	3512.77	McNabb	6241.30	3585.28
LISBON	6127.12	3507.47	Medora	6697.70	3526.86
Little York	6384.83	3793.45	Melvin	6284.61	3381.79
Livingston	6708.50	3449.76	Mendota	6162.21	3607.12
Loami	6577.61	3530.26	Metamora	6325.81	3567.87
LOCKPORT			Milford	6230.61	3306.53
MAIN	6074.72	3456.52	Millstadt-		
ROMEOVILLE	6066.78	3465.85	Millwest	6824.40	3455.17
Loda	6280.85	3350.32	Mineral	6246.72	3695.43
LOMBARD	6014.24	3481.55	Minonk	6279.75	3530.10
Lovington	6477.76	3353.17	MINOOKA	6115.37	3473.07
Low Point	6307.00	3569.00	Modesto	6626.23	3532.16
Ludlow	6310.28	3345.15	Mokena	6070.34	3427.87
Mackinaw	6374.73	3541.85	MOLINE		
Macon	6507.13	3407.30	COAL VALLEY	6282.42	3791.80
Mahomet	6366.70	3363.67	MAIN	6271.84	3806.44
MANHATTAN	6100.18	3429.25	MOMENCE		
Manito	6427.35	3593.60	HOPKINS PARK	6137.95	3335.19
Manlius	6220.06	3678.03	MAIN	6125.51	3356.46
Mansfield	6372.73	3383.47	MONEE	6082.53	3394.42
MANTENO	6122.46	3390.15	Monticello	6413.87	3374.60
MARENGO	5989.21	3602.65	MORRIS	6146.43	3486.48
Marietta	6458.55	3693.13	Morton	6368.56	3564.62
Marine	6744.43	3434.40	Mossville	6328.98	3601.76
Maroa	6440.76	3432.95	MOUND CITY		
Marseilles	6173.31	3525.13	MAIN	7026.52	3174.05
Martinton	6177.87	3340.56	OLMSTEAD	7001.73	3171.83
Mascoutah	6803.71	3409.64			

MILEAGE MEASUREMENT (cont'd)**B. V-H Coordinate System (cont'd)**

3. V and H Coordinates of SA Centers (cont'd)

<u>S.A. Center</u>	<u>V</u>	<u>H</u>	<u>S.A. Center</u>	<u>V</u>	<u>H</u>
MOUNDS	7022.88	3182.26	OAK LAWN		
Mount Auburn	6516.73	3451.20	HICKORY HILLS	6031.27	3435.11
Mount Pulaski	6470.98	3479.67	OAK LAWN	6025.57	3424.93
MOUNT VERNON	6767.92	3254.77	OAK PARK	5997.08	3449.36
Mount Zion	6488.07	3392.82	OAKWOOD	6335.04	3266.13
Moweaqua	6525.03	3401.61	Odin	6721.88	3307.62
Mulberry Grove	6679.05	3370.73	O'FALLON	6793.19	3435.38
NAPERVILLE			Ogden	6349.27	3292.49
NAPERVILLE	6045.58	3489.12	OGLESBY	6205.65	3572.36
NAPERVILLE			Ohio	6185.38	3657.64
NORTHEAST	6038.76	3486.69	Okawville	6795.04	3365.50
NASHVILLE	6799.95	3330.56	OLIVE BRANCH	7024.47	3211.65
Neponset	6260.01	3679.85	ONARGA	6237.20	3361.45
NEWARK	6124.21	3527.51	Oquawka	6414.84	3817.06
NEW ATHENS	6841.51	3403.81	Orangeville	6023.31	3773.81
New Baden	6786.56	3397.06	Oreana	6452.55	3409.61
New Berlin	6572.79	3545.48	Orion		
New Boston	6372.07	3846.12	Main	6292.01	3772.38
NEW LENOX	6082.75	3435.19	North	6278.59	3785.43
Newman	6412.03	3265.14	ORLAND	6051.44	3432.36
New Milford	6032.87	3662.00	Oscos	6286.33	3757.57
New Minden	6781.32	3338.05	OSWEGO	6078.77	3509.16
New Windsor	6326.18	3766.93	OTTAWA	6180.27	3546.43
Niantic	6492.13	3446.55	PALATINE	5973.80	3508.11
NORTHBROOK			Palmyra	6635.31	3529.95
NORTHBROOK	5954.31	3479.20	PALOS PARK	6042.19	3431.92
NORTHBROOK			Park Ridge	5977.07	3467.33
WEST	5960.20	3483.23	Patoka	6699.03	3327.12
North			Pawnee	6574.13	3483.16
Henderson	6350.19	3761.00	Paw Paw	6124.92	3600.86
North Pekin	6378.71	3588.92	Paxton	6294.01	3348.48
OAK BROOK	6015.74	3466.71	PAYSON	6652.79	3754.81
Oakdale	6825.55	3342.47	Pearl City	6075.43	3780.01
OAKFORD	6503.98	3590.15	Pecatonica	6032.77	3716.80

MILEAGE MEASUREMENT (cont'd)**B. V-H Coordinate System (cont'd)**

3. V and H Coordinates of SA Centers (cont'd)

<u>S.A. Center</u>	<u>V</u>	<u>H</u>	<u>S.A. Center</u>	<u>V</u>	<u>H</u>
Pekin	6389.67	3587.70	Rantoul	6326.81	3342.07
Penfield	6312.00	3310.71	Red Bud	6872.25	3412.11
Peoria			Reddick	6174.89	3434.32
Bartonville	6379.70	3599.35	Renault	6880.79	3438.69
East	6366.28	3586.32	Reynolds	6317.40	3812.67
Bluffs	6357.77	3594.49	Rice	6827.75	3317.33
Jefferson	6362.40	3592.04	Richmond	5923.33	3582.41
North	6350.52	3602.07	RIDGE FARM	6366.98	3225.17
Peotone	6102.71	3391.86	Rio	6340.71	3751.36
Pesotum	6411.82	3319.48	RIVERDALE	6029.92	3399.35
Petersburg	6512.95	3564.28	RIVER GROVE	5992.66	3459.52
Philo	6384.78	3312.45	RIVERTON	6521.68	3502.21
Pittsburg	6686.30	3359.47	Roanoke	6313.14	3544.40
(Fayette Co.)			Roberts	6271.02	3376.08
PLAINFIELD	6081.68	3480.16	ROCHESTER	6539.66	3490.51
PLANO	6096.29	3533.61	Rock Cut	5996.12	3661.49
PLATO CENTER	6018.39	3555.26	ROCKFORD		
PLATTVILLE	6109.23	3497.35	NORTH		
Pleasant			PARKSIDE	6004.11	3674.76
Plains	6543.73	3550.57	EAST	6020.58	3668.26
Pocahontas	6718.75	3402.47	MAIN	6020.50	3675.05
POPLAR CREEK	5993.38	3528.15	ROCK ISLAND		
Poplar Grove	5981.44	3645.70	MILAN	6286.42	3809.58
Port Byron	6239.85	3790.04	MAIN	6276.32	3815.32
Potomac	6300.57	3288.74	Rockton	5984.50	3690.19
Prairie-Du-			Roscoe	5985.77	3677.53
Rocher	6905.79	3414.21	ROSELLE		
Prairietown	6720.67	3473.63	WILLOWCREST	5988.23	3510.08
Preemption	6314.57	3798.47	MAIN	6000.34	3500.18
Princeton	6221.68	3639.67	SCHAUMBURG	5986.52	3500.17
Princeville	6328.71	3639.45	SCHAUMBURG		
Putnam	6251.86	3618.84	NORTH	5983.33	3503.01
QUINCY	6642.36	3790.85	Rossville	6276.11	3276.43
Ramsey	6624.90	3367.22	ROUND LAKE	5930.23	3540.04
Rankin	6277.56	3319.31	Royal	6335.38	3303.03

MILEAGE MEASUREMENT (cont'd)**B. V-H Coordinate System (cont'd)**

3. V and H Coordinates of SA Centers (cont'd)

<u>S.A. Center</u>	<u>V</u>	<u>H</u>	<u>S.A. Center</u>	<u>V</u>	<u>H</u>
Sadorus	6407.70	3335.33	Smithfield	6456.05	3674.67
ST. ANNE	6155.96	3349.58	Somonauk	6113.29	3551.81
St. Elmo	6627.05	3317.00	SOUTH BELOIT	5972.00	3690.00
St. Jacob	6757.06	3426.08	South Bergen	5961.00	3663.00
ST. JOSEPH	6356.51	3304.91	South Pekin	6404.47	3580.71
St. Libory	6821.64	3383.36	South Sharon	5952.00	3644.00
St. Peter	6658.29	3302.27	Sparland	6285.87	3602.32
Salem	6711.48	3292.06	SPRING BAY	6331.94	3594.11
Sandoval	6727.07	3316.97	SPRINGFIELD		
Sandwich	6106.04	3543.77	MAIN-CAPITOL	6539.87	3512.93
SAN JOSE	6438.04	3556.14	LAKE	6548.10	3503.56
Saunemin	6234.34	3436.94	WEST	6543.32	3519.71
Scales Mound	6064.51	3862.19	Spring Grove	5924.22	3569.42
Scottville	6635.03	3550.64	Spring Valley	6210.53	3596.72
Seaton	6371.17	3810.32	Staunton	6701.58	3458.04
Secor	6318.65	3529.63	Stelle	6203.92	3405.56
Sefton	6626.42	3337.78	STERLING	6158.19	3714.49
SENECA	6168.49	3509.75	Stillman		
Seward	6046.56	3709.54	Valley	6058.38	3670.77
Seymour	6386.99	3361.37	Stockland	6225.19	3290.04
Shattuc	6734.01	3328.27	Stockton	6072.01	3814.31
Sheffield	6244.48	3678.36	SUGAR GROVE	6071.13	3529.85
Sheldon	6190.78	3303.03	Sullivan	6498.59	3337.39
Sheridan	6132.97	3541.29	Summerfield	6779.49	3411.85
Sherman	6517.06	3515.15	SUMMIT	6019.32	3439.75
Sherrard	6307.72	3787.47	Summum	6494.92	3652.63
Shipman	6700.30	3506.75	Sunnyland	6353.08	3574.93
Shirland	5995.34	3706.72	Table Grove	6487.01	3684.22
Shobonier	6676.23	3337.29	Talbott	6411.93	3602.79
Sibley	6291.41	3402.98	TALLULA	6532.23	3570.56
Sidell	6377.83	3251.92	Tamaroa	6827.98	3287.42
Sidney	6375.58	3300.88	TAMMS	7005.27	3204.50
SKOKIE			Thawville	6253.92	3372.71
MORTON GROVE	5967.76	3464.59	THEBES	7022.66	3233.22
SKOKIE	5966.94	3457.99	Thomasboro	6342.45	3339.45

MILEAGE MEASUREMENT (cont'd)**B. V-H Coordinate System (cont'd)**

3. V and H Coordinates of SA Centers (cont'd)

<u>S.A. Center</u>	<u>V</u>	<u>H</u>	<u>S.A. Center</u>	<u>V</u>	<u>H</u>
TINLEY PARK	6055.22	3416.07	Waverly	6601.71	3539.31
Tiskilwa	6239.61	3638.76	Wellington	6246.34	3294.95
Tolono	6397.09	3324.39	West Brooklyn	6136.37	3625.28
Tonica	6222.01	3566.21	WEST CHICAGO	6028.98	3507.72
Topeka	6457.34	3607.11	WEST DANA	6375.00	3199.00
Toulon	6304.77	3671.69	Westview-Millwest	6824.40	3455.17
Tremont	6386.89	3560.35	WESTVILLE	6339.05	3238.36
TRENTON	6772.74	3402.30	WHEATON	6025.28	3492.33
TRIVOLI	6384.45	3636.01	WHEELING	5958.27	3492.36
TROY	6762.93	3445.33	Williamsville	6501.32	3513.72
Tuscola	6435.32	3309.39	WILMETTE	5954.32	3456.27
UNION	6987.10	3591.90	WILMINGTON	6134.68	3441.04
UTICA	6192.88	3570.86	Winnebago	6032.58	3696.03
Valmeyer	6880.72	3469.19	Winnetka	5951.21	3462.75
VANDALIA	6658.76	3348.10	Winslow	6028.73	3797.20
Varna	6268.29	3571.66	Wonder Lake	5943.42	3578.27
Venedy	6816.39	3366.64	Woodburn	6711.71	3495.14
VERONA	6179.62	3483.51	Woodhull	6320.68	3745.98
Villa Grove	6413.06	3297.84	Woodland	6216.75	3320.33
Viola	6336.04	3788.20	Woodlawn	6775.60	3276.39
Virden	6605.51	3502.58	WOOD RIVER		
Virginia	6551.96	3612.41	NORTH	6748.24	3489.68
Walnut	6195.14	3676.24	MAIN	6754.54	3489.16
Waltonville	6799.27	3266.02	WOODSTOCK	5964.63	3586.71
Warren	6042.61	3825.52	Worden	6720.66	3457.55
Warrensburg	6469.20	3437.49	Wyanet	6231.33	3656.56
WARRENVILLE	6038.78	3498.53	Wyoming	6304.19	3654.73
Washburn	6295.97	3570.16	Yates City	6376.74	3662.98
Washington	6346.10	3566.48	YORKVILLE	6093.79	3518.69
Waterloo	6860.30	3447.50	Zion	5892.55	3510.88
WATSEKA	6205.01	3327.21			
WAUCONDA	5952.24	3536.37			
WAUKEGAN					
North Chicago	5919.24	3501.63			
Waukegan	5910.03	3503.15			

C. Mileage Measurements for Newcastle and O'Hare Serving Areas

Mileage measurements, as appropriate, in this Part are made to Newcastle S.A. for the Chicago Newcastle Exchange and to O'Hare S.A. for the Chicago O'Hare Exchange.

MILEAGE MEASUREMENT (cont'd)**D. Series 1000, 2000 and 3000 Channels**

(C)

1. Two-Point Service

- a. Where a channel service is furnished between S.A. centers, the rate mileage is the airline distance between the S.A. centers of the Primary Terminations, or between S.A. centers of the Primary Termination and Central Office Termination. Rates specified for Long Haul Mileage apply when the airline distance is 12 or more miles.
- b. Where service is furnished between the Calumet City, Illinois and Hammond, Indiana Exchanges; or between the Lansing, Illinois and Highland, Indiana Exchanges; or between the South Beloit, Illinois and Beloit, Wisconsin Exchanges; or between the Rock Island, Illinois and Davenport, Iowa Exchanges; or between the east Moline, Illinois and Davenport, Iowa Exchanges; or between the Moline, Illinois and Davenport, Iowa Exchanges; the rate mileage applicable within the State of Illinois is determined by first measuring the airline distance between the S.A. center where service is furnished in Illinois and the Indiana, Wisconsin, or Iowa central office where the service is furnished. The rate mileage is that between the S.A. center and the Illinois State Line.
- c. For 2001A, 2001C, 2001D and 2001E channel services between S.A.'s, apply mileage rates (1) between the S.A. centers of the Primary Terminations or (2) between the S.A. center of the Primary Termination and the S.A. center of the Exchange Telecommunications Service, whichever results in a lower charge.

2. Multi-Point Service

The Inter S.A. channel rate mileage is that combination of airline distances connecting the S.A. centers of the Primary Terminations which will produce the shortest airline measurement. The airline distance between each pair of S.A. centers is determined in accordance with 1. preceding. First mile rates are applied to each segment.

(Each segment of an Inter S.A. channel for multi-point service is treated independently in applying Short Haul or Long Haul rates.)

MILEAGE MEASUREMENT (cont'd)

E. Series 7000 Channels

(C)

1. Inter Service Area Mileage

Mileage measurements for Series 7000 channels are determined in accordance with the provisions set forth in the following paragraphs for the Series and Type channel involved.

(C)

(D)

(D)

SERVICE INSTALLATION INTERVAL GUARANTEE

A failure to meet the installation interval service date for Series Channel service (as specified in the 13 State Interval Guide found at www.att.com) for Direct Analog Service, will result in a customer credit of the Service Charges billed to the customer for that service, where the responsibility for the failure is solely the Company's. This guarantee does not apply to any Series Channel Service installation involving the following circumstances:

- The customer requests expedited orders
- Other Telephone Companies are involved in the service installation
- The customer's premises is inaccessible
- The customer changes interface requirements
- The customer is not ready to accept service
- Building facilities are not ready (includes space, cable support structures, building risers and entrance facilities to be provided by builder or owner or owner's subcontracted vendors)
- The customer orders termination beyond the Network Interface

SERIES 1000 CHANNEL SERVICES**A. Types and Description**

Channels are furnished between specified points for the transmission of signals generated by station equipment. The various types of Series 1000 channels furnished are described as follows, in terms of channel characteristic and use:

Type 1001A	Channels suitable for direct current transmission of signals at rates up to 30 baud for remote metering, supervisory control, and miscellaneous signaling
Type 1006	Channels suitable for transmission of data signals for teletypewriter, data, remote metering, supervisory control and miscellaneous signaling purposes at rates up to and including 150 baud

B. Regulations

In addition to the regulations contained elsewhere in this guidebook, the following regulations apply to Series 1000 channels:

1. Series 1000 channel services are furnished only where facilities and operating conditions permit.
2. Due to the method of providing Type 1006 channel services, end to end D.C. continuity is not to be assumed.
3. Series 1000 channel services are generally not suitable for the transmission of alternating current signals.
4. Series 1000 channel services are not permitted to be used for any purpose for which services are offered in other Sections or Parts of this guidebook.
5. Except as specifically provided for elsewhere in this guidebook, Series 1000 channels are not permitted to be connected with channels of others or with facilities furnished for telephone exchange service or long distance telecommunications service, or with facilities furnished for any other classification of Telecommunications Channel Service.
6. Connection of customer-provided station equipment to a Series 1000 channel is subject to the provisions of Part 2, Section 9. Such equipment must operate at a line signaling speed not to exceed that specified for the channel service furnished.
7. For Two-Point and Multi-Point Type 1001A Channels, the number of terminations coincides with the number of premises connected to the channel. Type 1001A Channels may be connected to the services or facilities of a Carrier.

SERIES 1000 CHANNEL SERVICES (cont'd)**B. Regulations (cont'd)**

8. For Two-Point Type 1006 Channels, there are two terminations:
 - a. two primary (premises) terminations.
 - b. one primary termination and one central office termination.
 - c. one primary termination and one central office termination for multiplexing or hubbing arrangements.
 - d. one primary termination and one central office termination for connection to Optical Interconnection Service via central office multiplexing.
 - e. a customer-designated or Other Telecommunications Carriers (OTC) premises to the premises of a OTC for connection to the services or facilities of the OTC.
 - f. one central office termination and one central office multiplexer termination.
 - g. two central office terminations for interconnecting central office multiplexers.
9. For Multi-Point Series 1006 Channels, the number of terminations will be the total of the number of primary and central office terminations.
10. All Type 1001A Local Channel Services utilizing pairs from Service Transport Facility complements will require one pair per termination.

All Type 1006 Local Channel Services utilizing pairs from Service Transport Facility complements will require two pair per termination.
11. Type 1001A Channels are not suitable for connection to a central office multiplexer.

SERIES 1000 CHANNEL SERVICES (cont'd)**C. Rates and Charges**

The Company may offer these competitive services on such terms and for such rates and charges as it deems reasonable without regard to this or other referenced guidebooks. Individual contracts will specify the terms, length of service, conditions and rate levels applicable to those specific customers.

1. Two-Point Service

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
a. Within the Same Service Area			
1. Intra Service Area Local Channel, per primary termination			
(a) Type 1001A			
STF Not Applicable /WWAAA, WWAAB, WWAAC/	\$502.00(I)	\$660.00(I)	\$774.00(I)
STF Applicable /OWAAA, OWAAB, OWAAC/	1.60	.50	.50
(b) Type 1006			
STF Not Applicable /WWACA, WWACB, WWACC/	35.20	28.75	50.75
2. Intra Service Area, per central office termination			
(a) Type 1006 /WUE1B, WUE1C/	-	18.05	18.05

SERIES 1000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

1. Two-Point Service (cont'd)

<u>Description /Billing Code/</u>	Monthly Rate	
	<u>First</u> <u>1/4 Mile</u>	<u>Additional</u> <u>1/4 Mile</u>
b. Between Service Areas		
1. Inter Service Area Channel		
(a) Short Haul mileage - where the airline distance between S.A. centers is less than 12 miles ^{/1/}		
Per 1/4 mile, or fraction thereof		
Type 1001A /JZNDJ, JZNDC/	\$970.00(I)	\$18.00(I)
Type 1006 /JZNGJ, JZNGC/	25.60	.50
(b) Long Haul mileage - where the airline distance between S.A. centers is 12 or more miles ^{/1/}		
Per mile, or fraction thereof		
Type 1001A /JZNDX, JZNDB/	970.00(I)	105.00(I)
Type 1006 /JZNJX, JZNGB/	38.45	2.10

/1/ As determined in accordance with **MILEAGE MEASUREMENT**, paragraph B. *V-H Coordinate System*, preceding.

SERIES 1000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

1. Two-Point Service (cont'd)

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
b. Between Service Areas (cont'd)			
2. Inter Service Area Local Channel, per primary termination			
(a) Type 1001A			
STF Not Applicable /WWYAA, WWYAB, WWYAC/	\$502.00(I)	\$660.00(I)	\$774.00(I)
STF Applicable /OWYAC/	-	-	.50
(b) Type 1006			
STF Not Applicable /WWYCA, WWYCB, WWYCC/	23.65	32.10	53.75
3. Inter Service Area, per central office termination			
(a) Type 1006 /WUG1C/	-	-	21.00

SERIES 1000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

2. Multi-Point Service

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
a. Within the Same Service Area			
1. Intra Service Area Local Channel, per primary termination			
(a) Type 1001A			
STF Not Applicable /WWZAA, WWZAB, WWZAC/	\$502.00(I)	\$660.00(I)	\$774.00(I)
(b) Type 1006			
STF Not Applicable /WWZCA, WWZCB, WWZCC/	54.55	47.30	67.25
STF Applicable /OWZCC/	--	--	25.95
b. Between Service Areas			
1. Inter Service Area Channel ^{/1/}			
(a) Short Haul mileage segment, airline distance between S.A. centers is less than 12 miles			
Per 1/4 mile, or fraction thereof			
Type 1001A /JZNCJ, JZNCC/ Type 1006 /JZNLJ, JZNLG/		\$970.00(I) 25.65	\$18.00(I) .75
(b) Long Haul mileage segment, airline distance between S.A. centers is 12 or more miles			
Per mile, or fraction thereof			
Type 1001A /JZNCX, JZNCB/ Type 1006 /JZNLX, JZNLB/		970.00(I) 38.45	105.00(I) 3.15

/1/ Where mileage is determined in accordance with **MILEAGE MEASUREMENT**, paragraph B. V-H
Coordinate System, preceding.

SERIES 1000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

2. Multi-Point Service (cont'd)

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
b. Between Service Areas (cont'd)			
2. Inter Service Area Local Channel, per primary termination			
(a) Type 1001A			
STF Not Applicable /WWVAA, WWVAB, WWVAC/	\$502.00(I)	\$660.00(I)	\$774.00(I)
(b) Type 1006			
STF Not Applicable /WWVCA, WWVCB, WWVCC/	38.65	48.95	68.90

SERIES 2000 CHANNEL SERVICES**A. Types and Description**

Channels are furnished with the approximate bandwidth of 300-3000 Hertz for single (half-duplex) operation. The transmission characteristics and various types of channels furnished within this series are as set forth below.

Type 2001	Furnished for voice transmission to provide direct communication between two or more stations without the need of central office, P.B.X., or Switching System Service switching apparatus. Tone type signals up to a rate of 30 baud for purposes of operating customer provided alarm, remote control, or remote metering equipment between two or more stations may also be transmitted.
Type 2001A	Furnished for voice transmission as a station line in connection with telephone exchange service and Wide Area Telecommunications Service whereby an additional appearance of a station is connected with a main station.
Type 2001B	Furnished for voice transmission to connect a P.B.X. system, Switching System Service, or customer-provided communications system (P.B.X. and intercommunication system), with another P.B.X. system, Switching System Service, or customer-provided communications system (P.B.X. and intercommunication system).
Type 2001C	Furnished for voice transmission as a P.B.X. or customer-provided communications system (P.B.X. and intercommunication system) Station Line with the capability of connection at a P.B.X. or customer-provided communications system (P.B.X.) to a central office line to form a through connection over such a line.
Type 2001D	Furnished for voice transmission as a Switching System Service Station Line or an additional appearance of a Switching System Service station with the capability of connection at a Switching System Service to a local or long distance central office line to form a through connection over such a line.
Type 2001E	Furnished for voice transmission as an answer line whereby incoming calls may be answered at a point other than the main station through the use of answering equipment, with Telephone Answering Service only.
Type 2002	Furnished for voice transmission or combined voice transmission and control purposes for the remote operation of mobile radio telephone systems.
Type 2301	Furnished for the transmission of tone type signals up to a rate of 400 baud for purposes of operating customer-provided alarm, remote control, or remote metering equipment.

SERIES 2000 CHANNEL SERVICES (cont'd)**B. Regulations**

In addition to the regulations contained elsewhere in this guidebook, the following regulations apply to Series 2000 channels or to components of Series 2000 channels which connect to Optical Interconnection Service (OIS) as contained in tariff III. C.C. No. 21, Access Services.

1. Type 2001

- a. These channels are classified as Private Lines and provide for communication only between two or more stations directly connected to the channel, and are not designed to be connected to or connectable with Exchange Telecommunications Services at any point.
- b. For Two-Point Type 2001 Channels, there are two terminations:
 1. two primary (premises) terminations.
 2. one primary termination and one central office termination for multiplexing or hubbing arrangements.
 3. one primary termination and one central office termination for connection to Optical Interconnection Service via central office multiplexing.
 4. a customer-designated or Other Telecommunications Carriers (OTC) premises to the premises of an OTC for connection to the services or facilities of the OTC.
 5. two central office terminations to interconnect central office multiplexers

For Multi-Point Type 2001 Channels, the number of terminations will be the total of the number of primary and central office terminations.

- c. Two-point Without Conference will be provided with a Two-Wire Interface. Two-point With Conference will be provided with a Four-Wire Interface.
- d. Two-way automatic signaling feature is available for additional charges as set forth in paragraph C.3 following.
- e. The number of stations that may be connected and the distance over which satisfactory transmission is possible is limited by operating and transmission factors.
- f. Connection of customer-provided terminal equipment to a Type 2001 channel is subject to the provisions of Part 2, Section 9.
- g. Two-point Type 2001 Local Channel Services utilizing pairs from Service Transport Facility complements will require one pair per termination; multi-point services will require two pair per termination.

SERIES 2000 CHANNEL SERVICES (cont'd)**B. Regulations (cont'd)**

2. Type 2001A

- a. These channels are classified as Station Lines and are furnished in connection with telephone exchange service and Wide Area Telecommunications Service, whereby an additional appearance of a station is connected with a main station.
- b. Station lines are furnished within the district (in MSA's 1, 2, 3, 6, 7, 9, and 15) or the exchange (in MSA's 4, 5, 10, 12, 13, and 16) by means of Type 2001A channels to different points of the same individual, firm, or corporation. Similarly, station lines may be furnished to premises of different individuals, firms, or corporations who have and continue to have direct central office service at the premises where the station lines are furnished.

c. Additional Appearances of Station Lines

1. MSA's 4, 5, 10, 12, 13, and 16

When an additional appearance of a station line is furnished in a different exchange than the main, mileage rates as specified in Part 4, Section 3 for Foreign Exchange Service and appropriate Inter-S.A. Type 2001A Local Channel rates are applicable. Intra-S.A. Type 2001A Local Channel rates apply when both exchanges are served by the same S.A.

2. MSA's 1, 2, 3, 6, 7, 9, and 15

When an additional appearance of a station line is furnished in a different service area than the main, mileage rates as specified in Part 4, Section 3 for Foreign District Service and appropriate Inter-S.A. Type 2001A Local Channel rates are applicable.

d. Station Lines have one termination:

1. one primary (premises) termination.
 2. the premises of an Other Telecommunications Carrier (OTC) for connection to the services or facilities of the OTC.
 3. one central office termination for multiplexing or hubbing arrangements.
 4. one central office termination for connection to Optical Interconnection Service via central office multiplexing.
- e. Connection of customer-provided equipment to a Type 2001A channel is subject to the provisions of Part 2, Section 9.
 - f. Type 2001A Local Channel Services utilizing pairs from Service Transport Facility complements will require one pair per primary termination.

SERIES 2000 CHANNEL SERVICES (cont'd)**B. Regulations (cont'd)**

3. Type 2001B

- a. These channels are classified as Tie Lines and are furnished to connect two private branch exchange switchboards, switching systems, or customer-provided communications systems (P. B. X. and intercommunication system).
- b. Tie Lines have two terminations:
 1. two primary (premises) terminations.
 2. one primary termination and one central office termination for multiplexing or hubbing arrangements.
 3. one primary termination and one central office termination for connection to Optical Interconnection Service termination via central office multiplexing.
 4. a customer-designated or Other Telecommunications Carriers (OTC) premises to the premises of an OTC for connection to the services or facilities of the OTC.
 5. two central office terminations for interconnecting central office multiplexers.
- c. An E&M Signaling Arrangement is furnished with Type 2001B channels which terminate in P.B.X. or customer- provided communications systems. An E&M Signaling interface is furnished at each customer location.
 1. An E&M Signaling Arrangement is required for each channel termination at a customer premises with a registered P.B.X. or customer-provided communications system
 2. An E&M Signaling Arrangement is required for each channel termination at a customer premises with grandfathered P.B.X. or customer-provided communications system when arranged with E&M Signaling.
 3. An E&M Signaling Arrangement is not required with channels for additions to or for new installations of grandfathered P.B.X. or customer-provided communications systems when not arranged with an E&M Signaling interface.
- d. Connection of customer-provided equipment to a Type 2001B channel is subject to the provisions of Part 2, Section 9.
- e. Type 2001B local channel services utilizing pairs from Service Transport Facility complements require two pair per local channel, except Switching System to Switching System for which STF is not applicable.

SERIES 2000 CHANNEL SERVICES (cont'd)**B. Regulations (cont'd)**

4. Type 2001C

- a. These channels are classified as P.B.X. or customer-provided communications system (P.B.X. and intercommunication system) Station Lines and are furnished to connect such stations with their associated P.B.X. or switching system. These channels may be connected to P.B.X. or customer-provided communications systems at both ends. However, such channels are designed as station lines and are suitable for connection to exchange or channel services at only one end. Such connections must meet Federal Communications Commission's registration requirements.
- b. Station Lines are furnished at premises of individuals, firms, or corporations other than the customer, provided such individuals, firms, or corporations have and continue to have central office service at the premises where the stations are furnished.
- c. Signaling Arrangements are furnished for use with P.B.X. or customer-provided communications system Station Lines between customer premises not on the same continuous property. Signaling Arrangements are furnished in the following types:
 1. Type A - Furnished for use with P.B.X. or customer-provided communications systems station ports capable of operation over loops with resistance in the range of 0-199 ohms.
 2. Type B - Furnished for use with P.B.X. or customer-provided communications systems station ports capable of operation over loops with resistance in the range of 200-899 ohms.
 3. Type C - Furnished for use with P.B.X. or customer-provided communications systems station ports capable of operation over loops with resistance in the range of 900 ohms or more.

Network Access Area locations are defined at the P.B.X. location.

- d. For connection to registered customer-provided communications systems, customers must specify the equipment capability (Type A, B or C port) of the registered equipment.
- e. Customers with grandfathered P.B.X.'s or customer-provided communications systems requesting new channel service will be classified as either a Class A, B or C station port and the corresponding Type A, B or C Signaling Arrangement and appropriate rates and charges will apply.
- f. One Signaling Arrangement is required only for the local channel which is connected to the P. B. X. or customer-provided communications system station port.

SERIES 2000 CHANNEL SERVICES (cont'd)

B. Regulations (cont'd)

4. Type 2001C (cont'd)
 - g. P.B.X. and customer-provided communications system (P.B.X. and intercommunication system) Station Lines have two terminations:
 1. two primary (premises) terminations.
 2. one primary termination and one central office termination for multiplexing or hubbing arrangements.
 3. one primary termination and one central office termination for connection to Optical Interconnection Service termination via central office multiplexing.
 4. a customer-designated or Other Telecommunications Carriers (OTC) premises to the premises of an OTC for connection to the services or facilities of the OTC.
 5. two central office terminations for interconnecting central office multiplexers.
 - h. Connection of customer-provided equipment to a Type 2001C channel is subject to the provisions of Part 2, Section 9.
 - i. Type 2001C local channel services utilizing pairs from Service Transport Facility complements will require one pair per termination.

SERIES 2000 CHANNEL SERVICES (cont'd)**B. Regulations (cont'd)**

5. Type 2001D

- a. These channels are classified as Centrex services or Integrated Information Network (IIN) station lines or additional appearances of stations and are furnished to connect such stations with their associated switching system. These channels may be connected to a P.B.X. or customer-provided communications system at the station end of this channel. However, such channels are designed as station lines and are not suitable for connection to exchange or channel services at the station end of the channel. Such connections must meet the Federal Communications Commission's registration requirements.
- b. Where station lines (terminals) are furnished within the S.A. in which Centrex services or IIN is being provided, rates and charges as specified in Part 20, Section 5, as well as Part 5.
- c. Centrex services or IIN station lines and additional appearances of stations have one termination:
 1. one primary (premises) termination.
 2. one central office termination for multiplexing or hubbing arrangements.
 3. one central office termination for connection to Optical Interconnection Service termination via central office multiplexing.
 4. a customer-designated or Other Telecommunications Carriers (OTC) premises to the premises of an OTC for connection to the services or facilities of the OTC.
 5. two central office terminations for interconnecting central office multiplexers.
- d. Connection of customer-provided equipment to a Type 2001D channel is subject to the provisions of Part 2, Section 9.
- e. Type 2001D local channel services utilizing pairs from Service Transport Facility complements will require one pair per primary termination for an additional appearance of a station line. Station lines pair requirements and regulations are as defined in Part 20, Section 5, as well as Part 5. The rates for this service include the STF applicable rates defined in this Section and the appropriate STF complement charges.

SERIES 2000 CHANNEL SERVICES (cont'd)**B. Regulations (cont'd)**

6. Type 2001E

- a. These channels are classified as Answer Lines and are furnished in connection with *telephone exchange service*, Centrex services, IIN and 800 Services.
- b. When main line service is terminated at an answering point for answering only, rates and charges as specified for such lines apply in lieu of rates and charges set forth in C. *Rates* following.
- c. Type 2001E Channel services furnished as answer lines have one termination:
 1. one primary (premises) termination.
 2. one central office termination for multiplexing or hubbing arrangements.
 3. one central office termination for connection to Optical Interconnection Service via central office multiplexing.
 4. the premises of an Other Telecommunications Carrier (OTC) for connection to the services or facilities of the OTC.
- d. Connection of customer-provided equipment to a Type 2001E channel is subject to the provisions of Part 2, Section 9.
- e. Non-Concentrator-Identifier Type 2001E local channel services utilizing pairs from Service Transport Facility complements will require one pair primary termination. STF is not applicable to Type 2001E local channel services associated with Type 7 Concentrator-Identifier.

SERIES 2000 CHANNEL SERVICES (cont'd)**B. Regulations (cont'd)**

7. Type 2002

- a. These channels are furnished between specified points for remote operation of private land radiotelephone stations established for communication with mobile units.
- b. These channels may be specified with either a two-wire or four-wire interface.
- c. Channels may be furnished for combined voice transmission and control purposes where facility conditions permit. Such channels may be used by the customer in accordance with the normal transmission characteristics of such channels for voice transmission purposes and to transmit more than one tone alternately or simultaneously or create additional channels for remote control and indication purposes.
- d. For Two-Point Type 2002 Channels, there are two terminations:
 1. two primary (premises) terminations.
 2. one primary termination and one central office termination for multiplexing or hubbing arrangements
 3. one primary termination and one central office termination for connection to Optical Interconnection Service termination via central office multiplexing.
 4. a customer-designated or Other Telecommunications Carriers (OTC) premises to the premises of an OTC for connection to the services or facilities of the OTC.
 5. two central office terminations for interconnecting central office multiplexers.
For Multi-Point Type 2002 Channels, the number of terminations will be the total of the number of primary terminations and central office terminations.
- e. The number of stations that may be connected and the distance over which satisfactory transmission is possible is limited by operating and transmission factors.
- f. Connection of customer-provided terminal equipment to a Type 2002 channel is subject to the provisions of Part 2, Section 9.
- g. Two-Point Type 2002 Two-Wire Interface local channel service utilizing pairs from Service Transport Facility complements requires one pair per termination. Two-point Type 2002 Four-Wire Interface and Multi-Point Local Channel services require two pairs per termination.

SERIES 2000 CHANNEL SERVICES (cont'd)**B. Regulations (cont'd)**

8. Type 2301

- a. For Two-Point Service, these channels are furnished with either a Two-Wire Interface or a Four-Wire Interface.
- b. These channels are not suitable for transmission of direct current pulses.
- c. For Type 2301 Channels, there are two terminations:
 1. two primary (premises) terminations.
 2. one primary termination and one central office termination for multiplexing or hubbing arrangements.
 3. one primary termination and one central office termination for connection to Optical Interconnection Service via central office multiplexing.
 4. a customer-designated or Other Telecommunications Carriers (OTC) premises to the premises of an OTC for connection to the services or facilities of the OTC.
 5. two central office terminations for interconnecting central office multiplexers.
- d. Connection of customer-provided terminal equipment to a Type 2301 channel is subject to the provisions of Part 2, Section 9.
- e. Type 2301 Local Channel Services utilizing pairs from Service Transport Facility complements have the following requirements:
 1. Two-Point 2301 Two-Wire Interface requires one pair per termination.
 2. Two-Point 2301 Four-Wire Interface requires two pair per termination.

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges**

The Company may offer these competitive services on such terms and for such rates and charges as it deems reasonable without regard to this or other referenced guidebooks. Individual contracts will specify the terms, length of service, conditions and rate levels applicable to those specific customers.

1. Two-Point Service

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
a. Within the Same Service Area			
1. Intra Service Area Local Channel, per primary termination			
(a) Type 2001 (see paragraph C.4 following)			
(1) Without conference capability (2 Wire)			
STF Not Applicable /WWBAA, WWBAB, WWBAC/	\$490.00(I)	\$601.00(I)	\$790.00(I)
STF Applicable /OWBAC/	--	--	.50
(2) With conference capability (4 Wire)			
STF Not Applicable /WWB5A, WWB5B, WWB5C/	13.80	16.75	34.40
(3) When furnished as an interconnecting channel for a Concentrator-Identifier system terminating in a central office for use with AUTOTAS			
STF Not Applicable /WWBBA, WWBBB, WWBBC/	19.35	19.80	26.55

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

1. Two-Point Service (cont'd)

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
a. Within the Same Service Area (cont'd)			
1. Intra Service Area Local Channel, per primary termination (cont'd)			
(b) Type 2001A			
STF Not Applicable /WWBCA, WWBCC/ Effective 1/3/02 thru 4/30/02	\$12.60		\$22.50
Effective 5/1/02 thru 8/31/02			26.00
Effective 9/1/02			29.00
WWBCB/ Effective 10/27/00 thru 4/30/01		\$10.20	
Effective 5/1/01 thru 10/31/01		11.57	
Effective 11/1/01		13.12	
(c) Type 2001B (see paragraphs C.3 and C.4 following)			
1. To connect a P.B.X. system or customer-provided communications system with another P.B.X. or customer-provided communications system			
STF Not Applicable /WWBDA, WWBDB, WWBDC/	29.45	33.40	54.85
STF Applicable /OWBDC/	--	--	12.90
2. To connect a Switching System Service with a P.B.X. or customer-provided communications system			
STF Not Applicable /WWBEA, WWBEB, WWBEC/	44.50	47.85	69.35
STF Applicable /OWBEA, OWBEB, OWBEC /	29.80	23.75	23.75
3. To connect a Switching System Service with another Switching System Service			
STF Not Applicable /WWBFA, WWBFB, WWBFC/	12.70	4.05	3.55

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

1. Two-Point Service (cont'd)

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
a. Within the Same Service Area (cont'd)			
1. Intra Service Area Local Channel, per primary termination (cont'd)			
(d) Type 2001C (see paragraph C.3 following)			
STF Not Applicable /WWBGA, WWBGB, WWBGC/	\$762.00(I)	\$882.00(I)	\$909.00(I)
STF Applicable /OWBGC/	--	--	2.20
(e) Type 2001D when furnished as an additional appearance of a station line			
STF Not Applicable /WWBHA, WWBHC/ /WWBHB/	13.80		19.05
Effective 10/27/00 thru 4/30/01		10.12	
Effective 5/1/01 thru 10/31/01		11.37	
Effective 11/1/01		12.78	
STF Applicable /OWBGC, OWBHB, OWBHC/	9.15	.50	.50

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

1. Two-Point Service (cont'd)

<u>Description /Billing Code/</u>	Monthly Rate Network Access Area		
	<u>A</u>	<u>B</u>	<u>C</u>
a. Within the Same Service Area (cont'd)			
1. Intra Service Area Local Channel, per primary termination (cont'd)			
(f) Type 2001E (see paragraph C.4 following)			
1. When furnished to connect to a Type 7 Answering Service			
STF Not Applicable			
/WWBJA/	14.90		
/WWBJB, WWBJC/			
Effective 10/27/00 thru 4/30/01		8.96	13.71
Effective 5/1/01 thru 10/31/01		10.70	15.34
Effective 11/1/01		12.78	17.16
2. When furnished to connect to other than a Type 7 Answering Service			
<i>Answering point within 3/4 mile of the serving central office</i>			
STF Not Applicable			
/WWBKA, WWBKB/	14.50	7.50	--
<i>Answering point over 3/4 mile to the central office</i>			
STF Not Applicable			
/WWBLA, WWBLB/	17.60	9.00	--
<i>Answering point within 1/2 mile of the serving central office</i>			
STF Not Applicable /WWBMC/			12.25
<i>Answering point over 1/2 mile to the central office</i>			
STF Not Applicable /WWBNC/			19.05

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

1. Two-Point Service (cont'd)

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
a. Within the Same Service Area (cont'd)			
1. Intra Service Area Local Channel, per primary termination (cont'd)			
(g) Type 2002 – Two-Wire Interface			
STF Not Applicable /WWBOA, WWBOB, WWBOC/	\$702.00(I)	\$744.00(I)	\$940.00(I)
STF Available /OWBOC/	--	--	2.75
(h) Type 2002 – Four-Wire Interface			
STF Not Applicable /WWBPA, WWBPB, WWBPC/	16.40	18.00	38.50
(i) Type 2301 – Two-Wire Interface			
STF Not Applicable /WWEAA, WWEAC/ /WWEAB/ Effective 10/27/00 thru 4/30/01 Effective 5/1/01 thru 10/31/01 Effective 11/1/01	7.85	11.00 11.85 12.78	21.25
STF Available /OWEAA/	4.35	--	--
(j) Type 2301 – Four-Wire Interface			
STF Not Applicable /WWEBA, WWEBB, WWEBC/	10.25	18.90	40.90

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

1. Two-Point Service (cont'd)

b. Between Service Areas

1. Inter Service Area Channel

	Monthly Rate	
	First <u>1/4 Mile</u>	Additional <u>1/4 Mile</u>
(a) Short Haul mileage - where the airline distance between S.A. centers is less than 12 miles ^{/1/}		
Per 1/4 mile, or fraction thereof		
Type 2001 /JZNAJ, JZNAC/ Type 2001A /JZNOJ, JZNOC/ Type 2001B /JZNPJ, JZNPC/ Type 2001C /JZNQJ, JZNQC/ Type 2001D /JZNRJ, JZNRJ/ Type 2001E /JZNB, JZNBC/ Type 2002 Two-Wire Interface /JZNEJ, JZNEC/ Type 2002 Four-Wire Interface /JZNSJ, JZNSC/ Type 2301 Two-Wire Interface /JZNMJ, JZNMC/ Type 2301 Four-Wire Interface /JZNTJ, JZNTC/	\$1,209.00(I)	\$18.00(I)
	Monthly Rate	
	First <u>Mile</u>	Additional <u>Miles</u>
(b) Long Haul mileage - where the airline distance between S.A. centers is 12 or more miles ^{/1/}		
Per mile, or fraction thereof		
All Series 2000 Channels		
Type 2001 /JZNAX, JZNAB/ Type 2001A /JZNOX, JZNOB/ Type 2001B /JZNPX, JZNPB/ Type 2001C /JZNQX, JZNQB/ Type 2001D /JZNRX, JZNRB/ Type 2001E /JZNBX, JZNB/	1,699.00(I)	108.00(I)
Type 2002 Two-Wire Interface /JZNEX, JZNEB/ Type 2002 Four-Wire Interface /JZNSX, JZNSB/ Type 2301 Two-Wire Interface /JZNMX, JZNMB/ Type 2301 Four-Wire Interface /JZNTX, JZNTB/		

/1/ As determined in accordance with **MILEAGE MEASUREMENT**, paragraph B. *V-H Coordinate System*, preceding.

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

1. Two-Point Service (cont'd)

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
b. Between Service Areas (cont'd)			
2. Inter Service Area Local Channel, per primary termination			
(a) Type 2001 (see paragraph C.4 following)			
1. Without conference capability (2 Wire)			
<i>Short Haul Mileage</i>			
STF Not Applicable			
/WWGAA, WWGAB, WWGAC/	\$490.00(I)	\$601.00(I)	\$856.00(I)
STF Applicable			
/OWGAB, OWGAC/	--	1.95	2.25
<i>Long Haul Mileage</i>			
STF Not Applicable			
/WWGRA, WWGRB, WWGRC/	6.35	10.80	21.20
STF Applicable			
/OWGRA, OWGRC/	3.10	--	2.25
2. With conference capability (4 Wire)			
<i>Short Haul Mileage</i>			
STF Not Applicable			
/WWG5A, WWG5B, WWG5C/	14.15	17.60	37.55
<i>Long Haul Mileage</i>			
STF Not Applicable			
/WWG6A, WWG6B, WWG6C/	14.15	17.60	37.55
3. When furnished as an interconnecting channel for a Concentrator-Identifier System			
<i>Short Haul Mileage</i>			
STF Not Applicable			
/WWGBA, WWGBB, WWGBC/	9.30	15.00	25.00
<i>Long Haul Mileage</i>			
STF Not Applicable			
/WWGSA, WWGSB, WWGSBC/	9.30	15.00	25.00

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

1. Two-Point Service (cont'd)

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
b. Between Service Areas (cont'd)			
2. Inter Service Area Local Channel, per primary termination (cont'd)			
(b) Type 2001A			
<i>Short Haul Mileage</i>			
STF Not Applicable			
/WWGCA, WWGCB, WWGCC/	\$9.80	\$15.60	\$25.70
<i>Long Haul Mileage</i>			
STF Not Applicable			
/WWGTA, WWGTB, WWGTC/	12.95	16.75	25.70

(c) Type 2001B (see paragraphs C.3 and C.4 following)

1. To connect a P.B.X. system or customer-provided communications system with another P.B.X. or customer-provided communications system

<i>Short Haul Mileage</i>			
STF Not Applicable			
/WWGDA, WWGDB, WWGDC/	21.60	25.85	52.55
STF Applicable			
/OWGDA, OWGDC/	13.80	--	14.10
<i>Long Haul Mileage</i>			
STF Not Applicable			
/WWGUA, WWGUB, WWGURC/	22.40	25.85	52.55
STF Applicable /OWGUC/	--	--	13.80

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

1. Two-Point Service (cont'd)

<u>Description /Billing Code/</u>	Monthly Rate Network Access Area		
	<u>A</u>	<u>B</u>	<u>C</u>

b. Between Service Areas (cont'd)

2. Inter Service Area Local Channel, per primary termination (cont'd)

(c) Type 2001B (see paragraphs C.3 and C.4 following) (cont'd)

2. To connect a Switching System Service with a P.B.X. or customer-provided communications system

Short Haul Mileage

STF Not Applicable

/WWGEA, WWGEB, WWGEC/ \$22.40 \$32.55 \$52.55

Long Haul Mileage

STF Not Applicable

/WWGVA, WWGVB, WWGVC/ 23.35 32.55 52.55

3. To connect a Switching System Service with another Switching System Service

Short Haul Mileage

STF Not Applicable

/WWGFA, WWGFB, WWGFC/ 2.75 2.75 2.75

Long Haul Mileage

STF Not Applicable

/WWGWA, WWGWB, WWGWC/ 6.70 6.70 6.70

(d) Type 2001C (see paragraph C.3 following)

Short Haul Mileage

STF Not Applicable

/WWGGA, WWGGB, WWGGC/ 702.00(I) 744.00(I) 970.00(I)

STF Applicable /OWGGC/ -- -- 2.55

Long Haul Mileage

STF Not Applicable

/WWGXA, WWGXB, WWGXC/ 19.85 19.75 25.10

STF Applicable /OWGXB, OWGXC/ -- 9.80 5.45

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

1. Two-Point Service (cont'd)

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
b. Between Service Areas (cont'd)			
2. Inter Service Area Local Channel, per primary termination (cont'd)			
(e) Type 2001D			
1. When furnished as a station line (terminal)			
<i>Short Haul Mileage</i>			
STF Not Applicable			
/WWGHA, WWGHB, WWGHC/	\$970.00(I)	\$1,044.00(I)	\$1,111.00(I)
STF Applicable			
/OWGHA, OWGHB, OWGHC/	5.35	5.35	5.35
<i>Long Haul Mileage</i>			
STF Not Applicable			
/WWGYA, WWGYB, WWGYC/	970.00(I)	1,044.00(I)	1,111.00(I)
STF Applicable			
/OWGYA, OWGYB, OWGYC/	5.35	5.35	5.35
2. When furnished as an additional appearance of a station line			
<i>Short Haul Mileage</i>			
STF Not Applicable			
/WWGQA, WWGQB, WWGQC/	9.10	15.00	25.00
STF Applicable /OWGQB, OWGQC/	--	5.35	5.35
<i>Long Haul Mileage</i>			
STF Not Applicable			
/WWGZA, WWGZB, WWGZC/	9.30	15.00	25.00
STF Applicable /OWGZB/	--	5.35	--

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

1. Two-Point Service (cont'd)

<u>Description /Billing Code/</u>	Monthly Rate Network Access Area		
	<u>A</u>	<u>B</u>	<u>C</u>

b. Between Service Areas (cont'd)

2. Inter Service Area Local Channel, per primary termination (cont'd)

(f) Type 2001E (see paragraph C.4 following)

1. When furnished to connect to a Type 7 Answering Service

Short Haul Mileage

STF Not Applicable

/WWGJA, WWGJB, WWGJC/ \$6.20 \$6.60 \$6.55

Long Haul Mileage

STF Not Applicable

/WWG1A, WWG1B, WWG1C/ 6.20 6.60 8.05

2. When furnished to connect to other than a Type 7 Answering Service

Short Haul Mileage

STF Not Applicable

/WWGKA, WWGKB, WWGKC/ 9.80 15.60 25.70

Long Haul Mileage

STF Not Applicable

/WWG2A, WWG2B, WWG2C/ 9.80 15.60 25.70

(g) Type 2002 – Two-Wire Interface

Short Haul Mileage

STF Not Applicable

/WWGOA, WWGOB, WWGOC/ 790.00(I) 843.00(I) 997.00(I)

Long Haul Mileage

STF Not Applicable

/WWG3A, WWG3B, WWG3C/ 790.00(I) 843.00(I) 997.00(I)

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

1. Two-Point Service (cont'd)

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
b. Between Service Areas (cont'd)			
2. Inter Service Area Local Channel, per primary termination (cont'd)			
(h) Type 2002 – Four-Wire Interface			
<i>Short Haul Mileage</i>			
STF Not Applicable			
/WWGPA, WWGPB, WWGPC/	10.55	21.20	41.15
<i>Long Haul Mileage</i>			
STF Not Applicable			
/WWG4A, WWG4B, WWG4C/	10.55	21.20	41.15
STF Applicable /OWG4B/	--	4.85	--
(i) Type 2301 – Two-Wire Interface			
<i>Short Haul Mileage</i>			
STF Not Applicable			
/WWHAA, WWHAB, WWHAC/	21.05	26.95	36.90
STF Applicable /OWHAA, OWHAC/	15.05	--	15.00
<i>Long Haul Mileage</i>			
STF Not Applicable			
/WWHCA, WWHCB, WWHCC/	21.05	26.95	36.90
STF Applicable /OWHCA/	15.05	--	--
(j) Type 2301 – Four-Wire Interface			
<i>Short Haul Mileage</i>			
STF Not Applicable			
/WWHBA, WWHBB, WWHBC/	11.40	21.30	41.35
<i>Long Haul Mileage</i>			
STF Not Applicable			
/WWHDA, WWHDB, WWHDC/	11.40	21.30	41.35

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

2. Multi-Point Service

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
a. Within the Same Service Area			
Intra Service Area Local Channels, per primary termination			
(a) Type 2001			
1. Without conference capability ^{/1/}			
STF Not Applicable /WWJAA, WWJAB, WWJAC/	\$7.05	\$9.55	\$19.50
STF Applicable /OWJAC/	--	--	.90
2. With conference capability to enable communication among three or more stations simultaneously			
STF Not Applicable /WWJBA, WWJBB, WWJBC/	29.45	28.35	48.30
(b) Type 2002 – Two-Wire Interface			
STF Not Applicable /WWJOA, WWJOB, WWJOC/	43.00	48.40	56.45
(c) Type 2002 – Four-Wire Interface			
STF Not Applicable /WWJPA, WWJPB, WWJPC/	38.05	35.10	60.30

/1/ Provided only between Primary Terminations located within the same Service Area and within a single Central Office Area. Services requested between central offices within a Service Area will be provided at the rates applicable for Intra-S.A. Full Conference multi-point service.

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

2. Multi-Point Service (cont'd)

b. Between Service Areas

1. Inter Service Area Channel

	Monthly Rate	
	First <u>1/4 Mile</u>	Additional <u>1/4 Mile</u>
(a) Short Haul mileage - where the airline distance between S.A. centers is less than 12 miles ^{/1/}		
Per 1/4 mile, or fraction thereof		
Type 2001, with conference capability /JZNVJ, JZNVJ/	\$25.65	\$.75
Type 2001, without conference capability /JZNVJ, JZNVJ/	25.65	.75
Type 2002 /JZNVJ, JZNVJ/	25.65	.75
	Monthly Rate	
	First <u>Mile</u>	Additional <u>Miles</u>
(b) Long Haul mileage - where the airline distance between S.A. centers is 12 or more miles ^{/1/}		
Per mile, or fraction thereof		
Type 2001, without conference capability /JZNVX, JZNVX/	38.45	3.15
Type 2001, with conference capability /JZNVX, JZNVX/	38.45	3.15
Type 2002 /JZNVX, JZNVX/	38.45	3.15

/1/ As determined in accordance with **MILEAGE MEASUREMENT**, paragraph B. *V-H Coordinate System*, preceding.

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

2. Multi-Point Service (cont'd)

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
b. Between Service Areas (cont'd)			
2. Intra Service Area Local Channels, per primary termination			
(a) Type 2001			
1. Without conference capability			
STF Not Applicable /WWN5A, WWN5B, WWN5C/	\$20.35	\$30.60	\$50.60
2. With conference capability to enable communication among three or more stations simultaneously			
STF Not Applicable /WWNBA, WWNBB, WWNBC/	24.30	30.40	50.40
(b) Type 2002 – Two-Wire Interface			
STF Not Applicable /WWNOA, WWNOB, WWNOC/	28.35	38.55	58.60
(c) Type 2002 – Four-Wire Interface			
STF Not Applicable /WWNPA, WWNPB, WWNPC/	24.75	34.10	54.10

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

3. Signaling Features and Arrangements

<u>Description /Billing Code/</u>	<u>Monthly Price</u>
a. Talk battery not arranged for signaling for use with Type 2001 channel service, per circuit /BA2/	\$18.45
b. Two-way automatic signaling and talk battery for use with a Two-Point Type 2001 or a Multi-Point (without conference capability) Type 2001 within an S.A. channel service. The Multi-Point arrangement is used for applications where a number of remote locations are to automatically signal one master station.	
Two-point Intra-S.A., per circuit /41G/	22.00
Two-point Inter-S.A., per circuit /41G1X/	5.40
Multi-point Intra-S.A. (without conference capability), per circuit /YY8/	15.95
c. Signaling arrangement for use with a Multi-Point Type 2001 channel service (with conference capability) within an S.A. or between S.A.'s to permit the master station, using customer-provided 20Hz ringing signal and talk battery, to automatically signal a number of remote stations. This arrangement also permits a number of remote stations, using customer-provided 20Hz ringing signal and talk battery to automatically signal one master station.	
Per station /41H/	32.50
d. Four-wire to Two-wire Interface conversion for use with Type 2001 channel service. Audible ringback tone to the calling station is generally not furnished with such conversions. /UOE/	10.45
e. E&M Signaling Arrangement for Type 2001B channels /SLM/	.32

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

3. Signaling Features and Arrangements (cont'd)

<u>Description /Billing Code/</u>	<i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
f. Signaling Arrangement for Type 2001C channels			
<i>Intra-S.A.</i>			
Type A Signaling /X6W1A, X6W1B, X6W1C/	\$12.25	\$15.65	\$16.40
Type B Signaling /X6Y1A, X6Y1B, X6Y1C/	12.25	15.60	16.10
Type C Signaling /X6Z1A, X6Z1B, X6Z1C/	3.00	13.65	14.35
<i>Inter-S.A.</i>			
Type A Signaling /X6W2A, X6W2B, X6W2C/	12.25	12.25	12.25
Type B Signaling /X6Y2A, X6Y2B, X6Y2C/	.75	9.15	10.25
Type C Signaling /X6Z2A, X6Z2B, X6Z2C/	.10	.15	2.60

SERIES 2000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

4. Other Rate Factors - Types 2001, 2001B, 2001E
 - a. Only one Intra Service Area local channel charge as specified in paragraph C.3 preceding is applicable for the following types of services. This charge is in addition to other applicable Intra-S.A. charges.
 1. Type 2001 when furnished as an interconnecting channel for a Concentrator-Identifier System
 2. Type 2001B when furnished to connect a Switching System Service with a P.B.X. or customer-provided communications system
 3. Type 2001B when furnished to connect a Switching System Service with another Switching System Service
 4. Type 2001E when furnished to connect to a Type 7 Answering Service
 - b. Only one Inter Service Area local channel charge as specified in paragraph C.3 preceding is applicable for the following types of services. This charge is in addition to other applicable Inter-S.A. charges.
 1. Type 2001 when furnished as an interconnecting channel for a Concentrator-Identifier System
 2. Type 2001B when furnished to connect a Switching System Service with a P.B.X. or customer-provided communications system
 3. Type 2001B when furnished to connect a Switching System Service with another Switching System Service
 4. Type 2001E when furnished to connect to a Type 7 Answering Service

SERIES 3000 CHANNEL SERVICES**A. Types and Description**

Channels are furnished for connection to signal conditioning equipment, with a two-wire interface or a four-wire interface. These channels are designed to meet specifications based on Company standards of measurements for data transmission. The transmission characteristics and the various types of channels furnished within the series are as follows:

Type 3002 Approximate bandwidth of 300-3000 Hertz

The specifications as set forth below shall apply for conditioned channels:

Type C2

The envelope delay shall not exceed:

between 1000 and 2600 Hertz a maximum difference of 500 mcs.
between 600 and 2600 Hertz a maximum difference of 1500 mcs.
between 500 and 2800 Hertz a maximum difference of 3000 mcs.

The loss deviation with frequency (from a 1000 Hertz reference) shall not exceed:

between 500 to 2800 Hertz, - 1db to + 3db
between 300 to 3000 Hertz, - 2db to + 6db

Type C4

The envelope delay shall not exceed:

between 1000 and 2600 Hertz a maximum difference of 300 mcs.
between 800 and 2800 Hertz a maximum difference of 500 mcs.
between 600 and 3000 Hertz a maximum difference of 1500 mcs.
between 500 and 3000 Hertz a maximum difference of 3000 mcs.

The loss deviation with frequency (from a 1000 Hertz reference) shall not exceed:

between 500 to 3000 Hertz, - 2db to + 3db
between 300 to 3200 Hertz, - 2db to + 6db

Type D - High Performance Data Conditioning

The ratio of signal to C-notched noise shall be at least 28 db.

The ratio of signal to second order nonlinear distortion shall be at least 35 db.

The ratio of signal to third order nonlinear distortion shall be at least 40 db.

8db Insertion Loss

SERIES 3000 CHANNEL SERVICES (cont'd)**A. Types and Description (cont'd)**

Type 3010 Channels provided for the transmission of data over a limited distance as indicated in paragraph C.1 following, with characteristics as described below. These channels will be provided only where existing facilities can be conditioned by means of bridge tap and load coil removal, where necessary to meet the following parameters.

a. Maximum Composite Signal Voltage Applied to Interface

<u>Frequency Band</u>	<u>Maximum Composite RMS Voltage</u>
10 Hz to 10kHz	100 Volts*
10kHz to 25kHz	0.050 Volts
25kHz to 40kHz	0.012 Volts
Above 40kHz	0.0025 Volts

b. Noise Between 40Hz and 30kHz

Background no greater than -53 dbm

Impulse no greater than 7 counts per 15 minutes at a threshold of - 37dbm

c. Insertion Loss

No greater than 34db at test frequency of 4.8kHz - between 135 ohm impedances

d. Bridge Tap

No greater than 6000 feet (cumulative)

e. Frequency response characteristics are typical of nonloaded metallic facilities.

Measurement techniques (*including a total weighted RMS Voltage value) utilized in determining the above characteristics are as described in the practices of the Company.

SERIES 3000 CHANNEL SERVICES (cont'd)**B. Regulations**

1. Channel Conditioning
 - a. When a customer requests that the specifications for Type C2, C4, D, or 8db Insertion Loss be met, a channel conditioning charge is required as set forth in paragraph C.4 following regardless of the ownership of the station equipment to which the channel service may be connected.
 - b. Type C4 Conditioning will not be furnished on service with more than two stations.
 - c. The Company does not undertake to represent that channels with Type D Conditioning will be suitable for voice transmission.
 - d. Since the provision of Type D Conditioning is dependent upon facility selection, this option may not be available in all locations.
2. Connection of customer-provided equipment is subject to the provisions of Part 2, Section 9.
3. Series 3000 channels are not suitable for the transmission of direct current signals.
4. Type 3010 channels will be provided within the parameters described in paragraph A. preceding. Responsibility of the Company for changes in these parameters are as described in Part 2, Section 9, paragraph B.1.a.
5. For Two-Point Type 3002 Channels, there are two terminations:
 - a. two primary (premises) terminations.
 - b. one primary termination and one central office termination for multiplexing or hubbing arrangements.
 - c. one primary termination and one central office termination for connection to Voice Gateway Service or Simplified Message Desk Service type network equipment.
 - d. one primary termination and one central office termination for connection to Optical Interconnection Service via central office multiplexing.
 - e. a customer-designated or Other Telecommunications Carriers (OTC) premises to the premises of an OTC for connection to the services or facilities of the OTC.
 - f. two central office terminations for interconnecting central office multiplexers.

For Multi-Point Type 3002 Channels, the number of terminations will be the total of the number of primary terminations and central office terminations.

SERIES 3000 CHANNEL SERVICES (cont'd)**B. Regulations (cont'd)**

6. Type 3010 Channels have two terminations:
 - a. two primary (premises) terminations.
 - b. one primary termination and one central office termination for hubbing arrangements.
 - c. a customer-designated or Other Telecommunications Carriers (OTC) premises to the premises of an OTC for connection to the services or facilities of the OTC.
7. Type 3010 channels are not suitable for connection to a Central Office Multiplexer.
8. Service Transport Facility
 - a. All Type 3002 Local Channel Services utilizing pairs from Service Transport Facility complements will require two pair per termination.
 - b. Type 3010 Local Channel Services utilizing pairs from Service Transport Facility complements will require two pair per termination.
9. Line-Powered Data Station Termination Unit (DST) Option for Type 3002 Channels
 - a. Line-powered DST units are available for Type 3002 Channels when requested by a customer at charges set forth in paragraph C.3 following.
 - b. Line-powered DST units will be provided at primary termination locations selected by the customer.
 - d. Line-powered DST units are available on new and existing service with two-wire or four-wire interfaces on two-point or multi-point channels.

SERIES 3000 CHANNEL SERVICES (cont'd)**C. Rates and Charges**

The Company may offer these competitive services on such terms and for such rates and charges as it deems reasonable without regard to this or other referenced guidebooks. Individual contracts will specify the terms, length of service, conditions and rate levels applicable to those specific customers.

1. Two-Point Service

a. Within the Same Service Area

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
1. Intra Service Area Local Channels, per primary termination			
(a) Type 3002 – Two-Wire Interface			
STF Not Applicable			
/WXAOA, WXAOb, WXAOC/	\$19.45	\$24.45	\$45.20
STF Applicable /OXAOA, OXAOC/	11.90	--	8.10
(b) Type 3002 – Four-Wire Interface			
STF Not Applicable			
/WXAPA, WXAPB, WXAPC/	1,111.00(I)	1,270.00(I)	2,064.00(I)
STF Applicable			
/OXAPA, OXAPB, OXAPC/	14.40	7.55	7.55
(c) Type 3010 – Four-Wire Interface			
STF Not Applicable			
/WXAAA, WXAAB, WXAAC/	867.00(I)	1,128.00(I)	1,830.00(I)
STF Applicable			
/OXAAA, OXAAC/	12.30	--	13.60
2. Intra Service, per central office termination			
(a) Type 3002 – Two-Wire Interface			
/XVAOA, XVAOb, XVAOC/	8.15	9.70	10.65
(b) Type 3002 – Four-Wire Interface			
/XVAPA, XVAPB, XVAPC/	9.35	9.35	9.35

SERIES 3000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

1. Two-Point Service (cont'd)

b. Between Service Areas

1. Inter Service Area Channel

Monthly Rate	
First	Additional
<u>1/4 Mile</u>	<u>1/4 Mile</u>

- (a) Short Haul mileage - where the airline distance between S.A. centers is less than 12 miles
- ^{/1/}

Per 1/4 mile, or fraction thereof

Type 3002 – Two-Wire Interface /JZNZJ, JZNZC/	\$901.00(I)	\$18.00(I)
Type 3002 – Four-Wire Interface /JZN1J, JZN1C/	1,209.00(I)	18.00(I)

Monthly Rate	
First	Additional
<u>Mile</u>	<u>Miles</u>

- (b) Long Haul mileage - where the airline distance between S.A. centers is 12 or more miles
- ^{/1/}

Per mile, or fraction thereof

Type 3002 – Two-Wire Interface /JZNZX, JZNZB/	1,345.00(I)	108.00(I)
Type 3002 – Four-Wire Interface /JZN1X, JZN1B/	1,818.00(I)	108.00(I)

/1/ As determined in accordance with **MILEAGE MEASUREMENT**, paragraph B. *V-H Coordinate System*, preceding.

SERIES 3000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

1. Two-Point Service (cont'd)

b. Between Service Areas (cont'd)

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
2. Inter Service Area Local Channels, per primary termination			
(a) Type 3002 – Two-Wire Interface			
<i>Short Haul Mileage</i>			
STF Not Applicable			
/WXGOA, WXGOB, WXGOC/	\$18.05	\$20.70	\$43.80
STF Applicable /OXGOC/	--	--	7.00
<i>Long Haul Mileage</i>			
STF Not Applicable			
/WXG3A, WXG3B, WXG3C/	23.90	24.55	50.10
STF Applicable /OXG3C/	--	--	12.05
(b) Type 3002 – Four-Wire Interface			
<i>Short Haul Mileage</i>			
STF Not Applicable			
/WXGPA, WXGPB, WXGPC/	1,111.00(I)	1,270.00(I)	1,830.00(I)
STF Applicable			
/OXGPA, OXGPB, OXGPC/	10.55	8.80	8.80
<i>Long Haul Mileage</i>			
STF Not Applicable			
/WXG4A, WXG4B, WXG4C/	1,111.00(I)	1,270.00(I)	2,230.00(I)
STF Applicable			
/OXG4A, OXG4B, OXG4C/	14.00	10.75	8.80
3. Inter Service Area, per central office termination			
(a) Type 3002 – Two-Wire Interface			
/XVEOA, XVEOB, XVEOC/	6.95	8.15	10.60
(b) Type 3002 – Four-Wire Interface			
/XVEPA, XVEPB, XVEPC/	10.85	10.85	10.85

SERIES 3000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

2. Multi-Point Service

a. Within the Same Service Area

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
Intra Service Area Local Channels, per primary termination			
1. Type 3002 – Two-Wire Interface			
STF Not Applicable /WXHOA, WXHOB, WXHOC/	\$36.15	\$39.50	\$56.90
2. Type 3002 – Four-Wire Interface			
STF Not Applicable /WXHPA, WXHPB, WXHPC/	36.00	36.50	56.90
STF Applicable /OXHPC/	--	--	17.60

SERIES 3000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

2. Multi-Point Service (cont'd)

b. Between Service Areas

1. Inter Service Area Channel

	Monthly Rate	
	First <u>1/4 Mile</u>	Additional <u>1/4 Mile</u>
(a) Short Haul mileage - where the airline distance between S.A. centers is less than 12 miles ^{/1/}		
Per 1/4 mile, or fraction thereof		
Type 3002 – Two-Wire Interface /JZN2J, JZN2C/	\$970.00(I)	\$15.00(I)
Type 3002 – Four-Wire Interface /JZN3J, JZN3C/	1,209.00(I)	15.00(I)
	Monthly Rate	
	First <u>Mile</u>	Additional <u>Miles</u>
(b) Long Haul mileage - where the airline distance between S.A. centers is 12 or more miles ^{/1/}		
Per mile, or fraction thereof		
Type 3002 – Two-Wire Interface /JZN2X, JZN2B/	41.35	3.15
Type 3002 – Four-Wire Interface /JZN3X, JZN3B/	41.35	3.15

/1/ As determined in accordance with **MILEAGE MEASUREMENT**, paragraph B. *V-H Coordinate System*, preceding.

SERIES 3000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

2. Multi-Point Service (cont'd)

b. Between Service Areas (cont'd)

<u>Description /Billing Code/</u>	Monthly Rate <i>Network Access Area</i>		
	<u>A</u>	<u>B</u>	<u>C</u>
2. Inter Service Area Local Channels, per primary termination			
(a) Type 3002 – Two-Wire Interface			
STF Not Applicable			
/WXJOA, WXJOB, WXJOC/	\$31.55	\$47.00	\$63.50
STF Applicable /OXJOC/	--	--	19.30
(b) Type 3002 – Four-Wire Interface			
STF Not Applicable			
/WXJPA, WXJPB, WXJPC/	1,099.00(I)	1,818.00(I)	2,839.00(I)
STF Applicable /OXJPA, OXJPC/	19.90	--	19.30
3. Line-Powered Data Station Termination Unit (DST)			<u>Monthly Rate</u>
Type 3002, per Primary Termination /LUNXA, LUNXB, LUNXC/			\$9.30

SERIES 3000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

4. Channel Conditioning Arrangements

a. Type C2 Conditioning

<u>Description /Billing Code/</u>	Monthly Rate Network Access Area		
	<u>A</u>	<u>B</u>	<u>C</u>
1. Channel within the same S.A.			
(a) Two-Point Service, per channel			
Two-Wire Interface /VUAOA, VUAOB, VUAOC/	\$12.00	\$12.00	\$23.95
Four-Wire Interface /VUAPA, VUAPB, VUAPC/	6.00	6.00	6.00
(b) Multi-Point Service, per primary termination			
Four-Wire Interface /VUHPA, VUHPB, VUHPC/	6.00	6.00	6.00
2. Between Service Areas			
(a) Two-Point Service, per primary termination			
<i>Short Haul Mileage</i>			
Two-Wire Interface /VUGOB/	--	12.00	--
Four-Wire Interface /VUGPA, VUGPB, VUGPC/	6.00	6.00	6.00
<i>Long Haul Mileage</i>			
Two-Wire Interface /VUGSA, VUGSB, VUGSC/	6.00	6.00	6.00
Four-Wire Interface /VUGTA, VUGTB, VUGTC/	6.00	6.00	6.00
(b) Multi-Point Service, per primary termination			
Two-Wire Interface /VUJSB, VUJSC/	--	6.00	6.00
Four-Wire Interface /VUJTA, VUJTB, VUJTC/	6.00	6.00	6.00

SERIES 3000 CHANNEL SERVICES (cont'd)**C. Rates and Charges (cont'd)**

4. Channel Conditioning Arrangements (cont'd)

b. Type C4 Conditioning

<u>Description /Billing Code/</u>	Monthly Rate Network Access Area		
	<u>A</u>	<u>B</u>	<u>C</u>
1. Channel within the same S.A., per channel			
<i>Chicago Exchange</i>			
Two-Wire Interface /VVAOA, VVAOB, VVAOC/	\$18.00	\$18.00	\$29.95
Four-Wire Interface /VVAPA, VVAPB, VVAPC/	12.00	12.00	12.00
2. Channel between S.A.s, per primary termination			
<i>Short Haul Mileage</i>			
Two-Wire Interface /VVG OA, VVG OB, VVG OC/	18.00	18.00	12.00
Four-Wire Interface /VVG PA, VVG PB, VVG PC/	12.00	12.00	12.00
<i>Long Haul Mileage</i>			
Two-Wire Interface /VVG SA, VVG SB, VVG SC/	12.00	12.00	12.00
Four-Wire Interface /VVG TA, VVG TB, VVG TC/	12.00	12.00	12.00
		Nonrecurring <u>Charge</u>	<u>Monthly</u>
c. Type D Conditioning, per station /QHA/		\$72.69	\$10.80
d. 8 db Insertion Loss Conditioning, per station /C8Z/		9.69	14.35

(D)

(D)

(D)

(D)

MISCELLANEOUS CHANNEL SERVICES**Channel Service Transfer Arrangements****A. Provisions of Service**

1. The Alternate Master Transfer Arrangement permits the transfer of a primary circuit segment to a second predesignated customer location. The transfer from primary to secondary location is manually controlled by the customer.
2. The Duplicate Master Arrangement permits the simultaneous delivery of a master segment of a circuit to a second customer location. This arrangement is dedicated and not switchable by the customer.

B. Regulations

In addition to the regulations contained elsewhere in this guidebook, the regulations following apply for the Alternate or Duplicate Master Arrangements as indicated.

1. The Alternate Master Transfer Arrangement and Duplicate Master Arrangement are available for use with Type 2001, 2002 and 3002 Telecommunications Channel Services.
2. The Alternate Master Transfer Arrangement requires a control channel, as specified in the **SERIES 1000 CHANNEL SERVICES** paragraph preceding, between the central office where the transfer arrangement is located, as designated by the Company, and the customer control location.
3. The Alternate Master Transfer Arrangement requires that the customer provide a suitable transfer key.
4. The Alternate Master Transfer Arrangement and the Duplicate Master Arrangement will be considered as an additional segment on a circuit with mileage measured in accordance with **MILEAGE MEASUREMENT**, paragraph B. *V-H Coordinate System*, preceding. Local Channel charges for the appropriate service are also applicable.
5. When an Alternate Master Arrangement or a Duplicate Master Arrangement is added to an existing two-point circuit, Service Ordering - Establish Charges are applicable. When the addition of a transfer arrangement is made to an existing multi-point circuit, Service Ordering - Add or Change Charges are applicable.
6. Duplicate Master Arrangement master station contention is controlled by customer-provided equipment.

MISCELLANEOUS CHANNEL SERVICES (cont'd)**Channel Service Transfer Arrangements (cont'd)****C. Rates**

The Company may offer these competitive services on such terms and for such rates and charges as it deems reasonable without regard to this or other referenced guidebooks. Individual contracts will specify the terms, length of service, conditions, and rate levels applicable to those specific customers.

<u>Description /Billing Code/</u>	<u>Nonrecurring Charge</u>	<u>Monthly Price</u>
Alternate Master Transfer Arrangement, per circuit /TEECP/	\$250.00	\$24.70
Duplicate Master Arrangement, per circuit /BQ9/	375.00	61.80

MISCELLANEOUS CHANNEL SERVICES (cont'd)**Busy Register Channels****A. Regulations**

1. Busy Register Channels are offered for each central office line or group of central office lines arranged to indicate the number of times a busy condition is received by the calling party on calls to the local exchange line.
2. Busy Register Channels must work in conjunction with customer-provided busy registers.

B. Rates

The Company may offer these competitive services on such terms and for such rates and charges as it deems reasonable without regard to this or other referenced guidebooks. Individual contracts will specify the terms, length of service, conditions, and rate levels applicable to those specific customers.

Busy Register Channels are furnished at the following monthly rate:

<u>Description /Billing Code/</u>	<u>Monthly Price</u>
Busy Register Channel, each /BRG/	\$6.90

Dual Service Entrance for Type 1001A Channels**A. Regulations**

Where the primary service entrance is aerial, a second aerial service entrance may be provided at the same building with a spacing of at least ten feet from the primary service entrance.

B. Rates

The Company may offer these competitive services on such terms and for such rates and charges as it deems reasonable without regard to this or other referenced guidebooks. Individual contracts will specify the terms, length of service, conditions, and rate levels applicable to those specific customers.

<u>Description /Billing Code/</u>	<u>Nonrecurring Charge</u>	<u>Monthly Price</u>
Dual Service Entrance, per channel /IL33A /	\$33.92	\$.68

DERIVED LOCAL CHANNEL SERVICE**A. General**

1. Derived Local Channel Service (DLCS) is a local exchange telecommunications service that utilizes derived channel technology to permit transmission of low speed data simultaneously with voice over Network Access Lines. Access to the DLCS signals, which are transmitted from the premises of the customer's patron (exchange service location), is provided through a DLCS Access Connection. A DLCS Access Connection is only available at the location of the Company switching equipment that provides the patron's basic exchange service (dial tone).
2. Data signals are generated by a remote module provided by the patron, located on the patron's premises and registered pursuant to Part 68 of the Federal Communication Commission's rules.

B. Regulations

1. The derived channel signal may be accessed at the DLCS Access Connection for transmission to (1) Company decoding and scanning equipment at the same location as the switching equipment which provides basic exchange service to the patron's protected premises, or (2) a customer location within the area served by the switching equipment serving the patron's location by means of private line channel service.

Private Line Channel Service, to transport the derived channel signals from the location of the DLCS Access Connection to the customer's location, can be obtained at rates and charges the same as specified in the **SERIES 2000 CHANNEL SERVICES** paragraph preceding. Private Line Channel Service can be provided only where the facilities serving a customer location will permit transmission of derived channel signals.

When used in conjunction with the Company provided decoding and scanning equipment, the derived channel signal generated at the patron's premises must be compatible with the Company provided equipment.

2. DLCS Access Connections will be provided only where the facilities employed in the provision of the associated Network Access Line will permit the transmission of derived channel signals.
3. DLCS may be provided where network configurations and facilities permit. However, continued availability of DLCS at any location is not guaranteed, and may be discontinued as a result of technical changes in the telephone network.
4. Derived channel signals may not be transmitted over Network Access Lines serving WATS, Coin Stations or extension stations.
5. Each DLCS Access Connection will require an in-service Network Access Line connecting to the premises of a customer's patron at rates set forth for Exchange Service in Part 4, Section 2.
6. Every DLCS Access Connection requires written consent of the Network Access Line subscriber (customer's patron).

DERIVED LOCAL CHANNEL SERVICE (cont'd)**C. Rates**

1. Service Charges

- a. A Service Ordering Charge as specified to establish a 2001E Type Telecommunications Channel Service Within a Service Area applies when establishing DLCS Access Connections. One Service Ordering Charge is applicable for up to and including five (5) requests for DLCS Access Connections made at the same time by the same customer for patron exchange service locations in one Service Area, per Bridging location.
- b. The Line Connection Charge as specified to establish a 2001E Type Telecommunications Channel Service Within a Service Area applies per DLCS Access Connection.
- c. Premises Work Charges do not apply to establish a DLCS Access Connection.

2. Monthly Rates

<u>Description /Billing Code/</u>	<u>Monthly Price</u>
a. DLCS Access Connection, per connection /WRN/	\$.20
b. Common Equipment, per bridging location	
- Accommodates up to 48 DLCS Access Connections /WNSS1/	11.70