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**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1)**

**A. Direct Connections**

1. Grandfathered Terminal Equipment

Grandfathered terminal equipment may remain directly connected and be moved and reconnected to the telecommunications network for the life of the equipment without registration and may be modified only in accordance with Part 68 of the Federal Communications Commission's Rules and Regulations, subject to the following:

- a. the customer shall notify the Company when such grandfathered terminal equipment is to be connected and shall notify the Company when such grandfathered terminal equipment is to be permanently disconnected; such notification shall include a description of the equipment including the manufacturer's name, model number, and type of equipment;
- b. all such connections are made through Company-provided standard jacks or are otherwise connected by the Company; and
- c. all such connections shall comply with the minimum protection criteria set forth in C., following.

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**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1) (cont'd)**

**A. Direct Connections (cont'd)**

2. Grandfathered Communications Systems

Grandfathered communications systems may remain directly connected and be moved and reconnected to the telecommunications network for the life of the equipment without registration and may be modified only in accordance with Part 68 of the Federal Communications Commission's Rules and Regulations, subject to the following:

- a. premises wiring shall conform to Part 68 of the Federal Communications Commission's Rules and Regulations;
  - b. the customer shall notify the Company when such communications systems are to be connected and shall notify the Company when such communications systems are to be permanently disconnected; such notification shall include a description of the equipment including the manufacturer's name, model number, and type of equipment;
  - c. all such connections are made through Company-provided standard jacks or are otherwise connected by the Company;
  - d. all such connections shall comply with the minimum protection criteria set forth in c., following;
  - e. no changes may be made to equipment so connected except by the manufacturer thereof, or a duly authorized agent of the manufacturer.
  - f. additions to grandfathered communications systems may be made without registration of any additional equipment involved if:
    1. equipment so added is being reconnected, i.e., was previously directly connected prior to January 1, 1980, in accordance with Company Guidebooks; and
    2. such additions comply with the provisions of 2.a. through e. preceding.
  - g. additions of registered equipment to grandfathered communications systems are subject to Part 2, Section 9, paragraph A.2.
3. Terminal equipment and communications systems connected to the telecommunications network via grandfathered protective circuitry are subject to the provisions of 1. and 2. preceding.

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**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1) (cont'd)**

**B. Connections Through Connecting Arrangements Provided by the Company**

1. General

a. Basis of Connection

1. Grandfathered connections of terminal equipment and grandfathered connections of communications systems made in accordance with B.2. and B.3. respectively may remain connected and be moved and reconnected for the life of the equipment and may be modified only in accordance with Part 68 of the Federal Communications Commission's Rules and Regulations. Connecting arrangements and data access arrangements used for such moves and reconnections will continue to be provided by the Company subject to their availability, at the rates and charges specified in B.2.a.4. and F., following.
2. Customer-provided communications systems which are not subject to Part 68 of the Federal Communications Commission's Rules and Regulations may be connected in accordance with Part 2, Section 9, A.3 under Connections of Customer Provided Communications Systems Not Subject to Part 68 of the Federal Communications Commission's Rules and Regulations. Company-provided connecting arrangements are furnished for the connection of such systems at the rates and charges specified in in B.2.a.4. and F., following.

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**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1) (cont'd)**

**B. Connections Through Connecting Arrangements Provided by the Company (cont'd)**

a. Basis of Connection - (cont'd)

3. Separate identifiable and discrete protective circuitry (i.e. connecting arrangements) used for grandfathered connections of communications systems to the telecommunications network may be removed or replaced with apparatus of lesser protective function, provided that any equipment, and any premises wiring whose classification is changed thereby, conforms to Part 68 of the Federal Communications Commission's Rules and Regulations.
4. Except as otherwise provided in Part 2, Section 9 (see A.3. and A.4.) of this Guidebook, installations of new connecting arrangements will not be made (a) after July 1, 1979 for connection of terminal equipment, and (b) after January 1, 1980 for connection of communications systems. Treatment with respect to grandfathered installations which include such connecting arrangements is covered in B., of this Guidebook.

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**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1) (cont'd)**

**B. Connections Through Connecting Arrangements Provided by the Company (cont'd)**

2. Grandfathered Connections of Terminal Equipment

a. Data Terminal Equipment

Subject to the provisions of B.1.a.1, preceding, data terminal equipment (including telephotograph equipment) may be connected at the customer's premises to the telecommunications network through a data access arrangement provided by the Company in accordance with the following:

1. The customer shall furnish the equipment which performs the functions of:
  - (a) conditioning the data signals generated by the terminal equipment to signals suitable for transmission by means of Company services, and
  - (b) conditioning signals transmitted by means of Company services to data signals suitable for reception by the equipment.
2. The data terminal equipment must comply with the minimum protection criteria specified in C. following.
3. Where a data access arrangement is furnished in connection with terminal equipment and such terminal equipment is used for both voice and data communication, the data access arrangement may be used to connect the terminal equipment for voice communication.
4. Installations of new data access arrangements for terminal equipment will not be made after July 1, 1979.

**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1) (cont'd)**

**B. Connections Through Connecting Arrangements Provided by the Company (cont'd)**

2. Grandfathered Connections of Terminal Equipment (cont'd)

a. Data Terminal Equipment (cont'd)

4. (cont'd)

Data Access Arrangement Charges

|  | <u>Monthly<br/>Rate</u> | <u>Installation<br/>Charge</u> | <u>Service and<br/>Equipment<br/>Charge</u> |
|--|-------------------------|--------------------------------|---|
| Manual <sup>/2/</sup>  |                         |                                |   |
| For connection of Data Transmitting<br>and Receiving Equipment<br>Basic arrangement for manual operation<br>/CDT/ .....        | \$6.50                  | \$15.00 <sup>/1/</sup>         | \$6.25                                      |
| Automatic  |                         |                                |   |
| Arrangement for unattended sending and<br>receiving through a contact closure type<br>control interface, each<br>/CBT++/ ..... | 8.75                    | 15.00 <sup>/1/</sup>           | 6.25  |
| Arrangement for unattended sending and<br>receiving through a voltage type control<br>interface, each<br>/CBS/ .....           | 12.00                   | 15.00 <sup>/1/</sup>           | 6.25  |

/1/ Installation charge does not apply when installed at the same time as the telephone service with which it is associated.

/2/ The customer must provide all the electrical power necessary for the operation of Data Transmitting and/or Receiving Equipment and associated line to the Data Access Arrangement.

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**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1) (cont'd)**

**B. Connections Through Connecting Arrangements Provided by the Company (cont'd)**

2. Grandfathered Connections of Terminal Equipment (cont'd)

b. Voice Terminal Equipment

Subject to the provisions of B.1.a.1., preceding, voice terminal equipment may be connected at the customer's premises to the telecommunications network in accordance with the following:

1. The connection shall be made through a connecting arrangement furnished by the Company. In accordance with D. and E. following, a connecting arrangement is not required for the connection of Attested Equipment or Conforming Answering Devices.
2. Where a data access arrangement is furnished in connection with terminal equipment and such terminal equipment is used for both voice and data communication, the data access arrangement may be used to connect the terminal equipment for voice communication.
3. The voice terminal equipment must comply with the minimum protection criteria specified in C. following.

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**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1) (cont'd)**

**B. Connections Through Connecting Arrangements Provided by the Company (cont'd)**

3. Grandfathered Connections of Communications Systems

Subject to the provisions of B.1.a.1., preceding, communications systems may be connected at the customer's premises to telecommunications services in accordance with the following:

- a. The connection shall be through a connecting arrangement furnished by the Company.
- b. The provisions relating to minimum protection criteria set forth in C. following shall apply to the connection of communications systems.

**C. Minimum Protection Criteria for Electrical Connections**

1. To prevent excessive noise and crosstalk in the network, it is necessary that the power of the signal at the central office not exceed 12dB below one milliwatt when averaged over any three second interval. To insure that this limit is not exceeded the power of the signal which may be applied by the equipment to the Company interface located on the customer's premises will be specified for each customer location but in no case shall it exceed one milliwatt.
2. To protect other services, it is necessary that the signal which is applied by the equipment to the Company interface located on the customer s premises meet the following limits:
  - a. The power in the band from 3,995 Hertz to 4,005 Hertz shall be at least 18dB below the power of the signal as specified in 1. above.
  - b. The power in the band from 4,005 Hertz to 10,000 Hertz shall not exceed 16dB below one milliwatt.
  - c. The power in the band from 10,000 Hertz to 25,000 Hertz shall not exceed 24dB below one milliwatt.



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**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1) (cont'd)**

**C. Minimum Protection Criteria for Electrical Connections (cont'd)**

2. (cont'd)

d. The power in the band from 25,000 Hertz to 40,000 Hertz shall not exceed 36db below one milliwatt.

e. The power in the band above 40,000 Hertz shall not exceed 50db below one milliwatt.

3. To prevent the interruption or disconnection of a call, or interference with network control signaling, it is necessary that the signal applied by the equipment to the Company interface located on the customer's premises at no time have energy solely in the 2450 to 2750 Hertz band. If signal power is in the 2450 to 2750 Hertz band, it must not exceed the power present at the same time in the 800 to 2450 Hertz band.

**D. Attested Equipment Connected Prior to July 1, 1980**

1. Until July 1, 1980, headsets and nonpowered conferencing equipment which meet the standards and procedures set forth by the Company in Technical References for Attested Equipment may be connected at the customer's premises to the telecommunications network in accordance with a. through e. following. Such equipment may remain connected and be moved and reconnected in accordance therewith for the life of the equipment unless subsequently modified.

a. The connection shall be made through an interface termination (e.g., headset jack) provided by the Company.

b. The Identification Number issued by the Company to the manufacturer or supplier must appear on each unit of Attested Equipment utilized.

c. Customers must notify the Company of their intention to connect Attested Equipment. Such notification must include the Identification Number of the equipment and the location at which that equipment is to be used.

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**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1) (cont'd)**

**D. Attested Equipment Connected Prior to July 1, 1980 (cont'd)**

1. (cont'd)

d. Attested Equipment may not:

1. be connected to a source of electrical power which is external to the telecommunications network;
2. be grounded;
3. perform any network control signaling functions prior to and including the establishment of the intended transmission path;
4. have amplification in the transmission path (other than single ended terminal devices with the maximum gain limited so that the output power meets the minimum protection criteria set forth in C. preceding); and
5. use wiring external to such equipment that is permanently affixed at the site of the installation other than portable connections compatible with the interface terminations provided by the Company.

e. Attested Equipment must comply with the minimum protection criteria set forth in C. preceding.

2. In the event Attested Equipment bearing an Identification Number does not meet the requirements set forth by the Company in its Technical References, the customer using such Attested Equipment shall either disconnect the equipment from the Company service or arrange for connection of the equipment in accordance with Part 2, Section 9 (see Connections of Registered Equipment).

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**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1) (cont'd)**

**E. Conforming Answering Devices Connected Prior to July 1, 1979**

1. Conforming Answering Devices which meet the standards and procedures set forth by the Company in Technical References for Conforming Answering Devices and which were connected at the customer's premises to the telecommunications network prior to July 1, 1979, in accordance with a. through e. following, may remain connected and be moved and reconnected in accordance therewith for the life of the equipment, unless subsequently modified.
  - a. Customers shall notify the Company of their intention to connect Conforming Answering Devices. Such notification shall include the location at which the Conforming Answering Device is to be used as well as its Conformance Number.
  - b. The Conforming Answering Device shall only be connected by means of a jack or jack arrangement provided by the Company.
  - c. The Conforming Answering Device shall be operated and maintained in accordance with those instructions furnished with such Conforming Answering Device as required by the Company's Technical Reference for Conforming Answering Devices.
  - d. Conforming Answering Devices may not:
    1. be used to transmit or receive data signals; or
    2. be used to originate calls.
  - e. The Conforming Answering Device shall comply with the minimum protection criteria set forth in C. preceding.
2. In the event that an answering device bearing a Conformance Number does not meet the requirements of the Company's Technical Reference for Conforming Answering Devices, the customer using such answering device shall either disconnect the device from the Company service or arrange for connection of the device in accordance with Part 2, Section 9 (see Connections of Registered Equipment) .

**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1) (cont'd)**

**F. Connecting Arrangement Charges**

1. Manual Connecting Arrangements

|   | <u>Monthly<br/>Rate</u> | <u>Installation<br/>Charge</u> | <u>Service and<br/>Equipment<br/>Charge</u> |
|---|-------------------------|--------------------------------|---|
| Recorder Connector Equipment  |                         |                                |   |
| For the connection of attended recording equipment with the facilities of the Company |                         |                                |   |
| - With an automatic recorder tone device /RCT/ <sup>/1/</sup> .....                   | \$3.00                  | ---                            | \$6.25                                      |
| - With an automatic recorder tone device and amplifier filter unit /RCZ/ .....        | 3.50                    | \$15.00 <sup>/2/</sup>         | 6.25  |
| - Without an automatic recorder tone device <sup>/3/</sup> /RCW/.....                 | 1.99                    | 5.00                           | 6.25  |

/1/ Obsolete - Applicable to existing customers at existing locations only.

/2/ No installation charge applies where permanent recorder-connector equipment is installed at the time the jack for trial or demonstration is removed.

/3/ As provided in Part 2, Section 9, paragraph A.1.b.1., under Connections of Terminal Equipment and Communications Systems.

**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1) (cont'd)**

**F. Connecting Arrangement Charges (cont'd)**

2. Automatic Arrangement Charges

|  | <u>Monthly<br/>Rate</u> | <u>Installation<br/>Charge</u> | <u>Service and<br/>Equipment<br/>Charge</u> |
|--|-------------------------|--------------------------------|---|
| a. Recorder Coupler Equipment  |                         |                                |   |
| For the connection of attended and unattended recording, reproducing, and automatic answering and recording equipment with the facilities of the Company per line equipped /RDL/ ..... |                         |                                |   |
|  | \$8.25                  | \$15.00                        | \$6.25                                      |
| To provide two-way simultaneous transmission per line equipped /RDM/ .....   |                         |                                |   |
|  | 8.00                    | 25.00                          | 6.25  |
| b. Alarm Coupler <sup>/1, 2, 3, 4/</sup>   |                         |                                |   |
| The Alarm Coupler is to be used only with an Alarm Reporting System.   |                         |                                |   |
| Alarm Coupler, each /CAU/.....   | 5.50                    | 15.00                          | 6.25  |

/1/ Guidebook rates and charges apply to all lines and equipment associated with this service.

/2/ The Alarm Coupler is intended for use with one-party telephone service only where the called number can be dialed directly, without the assistance of an operator.

/3/ The detection device must be designed to work satisfactorily with Company facilities.

/4/ The customer, by acceptance or continuance of this service agrees to indemnify and save and hold harmless the Company against all loss or damage to any person or property occurring from the use of the Alarm Coupler. The Company may require a subscriber to sign a separate written indemnification covering the above agreement. Failure of the Company to request or of the customer to sign such a separate written indemnity agreement shall not affect the responsibility of the customer or the rights of the Company as set forth in this Guidebook.

**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1) (cont'd)**

**F. Connecting Arrangement Charges (cont'd)**

2. Automatic Arrangement Charges (cont'd)

|  | <u>Monthly<br/>Rate</u> | <u>Installation<br/>Charge</u> | <u>Service and<br/>Equipment<br/>Charge</u> |
|--|-------------------------|--------------------------------|---|
| c. Voice connecting arrangement to provide for connection of answer-only terminal equipment:                                   |                         |                                |   |
| - per line equipped where two-way transmission is required   |                         |                                |   |
| /RDMZR/.....   | \$7.25                  | \$15.00                        | \$6.25                                      |
| - per line equipped where an automatic volume limited receive signal is required   |                         |                                |   |
| /RDY/.....   | 8.75                    | 15.00                          | 6.25  |
| d. Voice connecting arrangement to provide for connection of originate only or originate and answer terminal equipment:        |                         |                                |   |
| /SU6AQ/.....   | 6.75                    | 15.00                          | 6.25  |
| e. Voice connecting arrangement to provide for the automatic connection of terminal equipment (e.g., telephone sets):          |                         |                                |   |
| - per line equipped /STC/.....   | 8.25                    | 15.00                          | 6.25  |
| f. Voice connecting arrangement to provide for automatic connection of voice transmitting and/or receiving terminal equipment: |                         |                                |   |
| - per line equipped /C2ACP/.....   | 9.25                    | 15.00                          | 6.25  |

**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1) (cont'd)**

**F. Connecting Arrangement Charges (cont'd)**

2. Automatic Arrangement Charges (cont'd)

|   | <u>Monthly<br/>Rate</u>            | <u>Installation<br/>Charge</u> | <u>Service and<br/>Equipment<br/>Charge</u> |
|---|------------------------------------|--------------------------------|---|
| g. Voice connecting arrangement to provide for connection of message register equipment to the exchange facilities of the Company. This arrangement provides indications of message registration for outgoing calls placed over associated central office facilities: |                                    |                                |   |
| - per central office facility arranged /CEK/ .....  | \$4.50                             | \$15.00                        | \$6.25                                      |
| - Signaling channel .....   | As specified in Part 15, Section 2 |                                |   |
| h. Voice connecting arrangement to provide for automatic connection of terminal equipment:  |                                    |                                |   |
| - per line equipped /STP/.....  | 10.75                              | 20.00                          | 6.25  |

**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1) (cont'd)**

**F. Connecting Arrangement Charges (cont'd)**

2. Automatic Arrangement Charges (cont'd)

|   | <u>Monthly<br/>Rate</u> | <u>Installation<br/>Charge</u> | <u>Service and<br/>Equipment<br/>Charge</u> |
|---|-------------------------|--------------------------------|---|
| k. Connecting arrangement which provides for connection of a DC power source to supply power to Company-provided voice connecting arrangements:                 |                         |                                |   |
| - per connecting arrangement  |                         |                                |   |
| /VCP24/ <sup>/2/</sup> .....  | \$1.70                  | \$15.00 <sup>/1/</sup>         | \$6.25                                      |
| /VCP48/ <sup>/2/</sup> .....  | 1.70                    | 15.00 <sup>/1/</sup>           | 6.25  |
| l. Automatic voice connecting arrangement to provide for connection of automatic telephone answering devices to central office, WATS, PBX and key system lines: |                         |                                |   |
| - per line equipped   |                         |                                |   |
| /GTS/ .....   | 4.50                    | 15.00                          | 6.25  |

/1/ Installation charge does not apply if this unit is installed with initial installation of associated voice connecting arrangements.

/2/ Obsolete - Applicable to Existing Installations at Existing Locations for Existing Customers.



**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1) (cont'd)**

**F. Connecting Arrangement Charges (cont'd)**

2. Automatic Arrangement Charges (cont'd)

|  | <u>Monthly<br/>Rate</u> | <u>Installation<br/>Charge</u> | <u>Service and<br/>Equipment<br/>Charge</u> |
|--|-------------------------|--------------------------------|---|
| m. Connecting arrangement to permit connection of an attendant position to a local exchange access line:   |                         |                                |   |
| - per automatic arrangement provided in connection with outward service /CD6/ .....  | \$4.90                  | \$15.00                        | \$6.25                                      |
| n. Connecting arrangement to permit connection of switching equipment to a local exchange access line:   |                         |                                |   |
| - per automatic arrangement provided in connection with outward service /CD8/ .....  | 7.25                    | 15.00                          | 6.25  |
| o. Connecting arrangement to permit connection of switching equipment and attendant position(s) to a local exchange access line:   |                         |                                |   |
| - per connecting arrangement provided in connection with two-way service (outward only from switching equipment) /CDH/ .....   | 8.75                    | 15.00                          | 6.25  |
| p. Arrangement provided to Hotels-Motels to permit the connection of a system to a Company special outward recording trunk to the long distance message telecommunications switchboards: |                         |                                |   |
| - per automatic arrangement provided in connection with outward service /CET/ .....  | 7.25                    | 15.00                          | 6.25  |

**CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND GRANDFATHERED COMMUNICATIONS SYSTEMS (as defined in Part 2, Section 1) (cont'd)**

**F. Connecting Arrangement Charges (cont'd)**

2. Automatic Arrangement Charges (cont'd)

|  | <u>Monthly<br/>Rate</u> | <u>Installation<br/>Charge</u> | <u>Service and<br/>Equipment<br/>Charge</u> |
|--|-------------------------|--------------------------------|---|
| q. Arrangement to transfer, during periods of AC power failure, up to four local exchange access lines to telephone equipment, with immediate restoral:  |                         |                                |   |
| - per arrangement  |                         |                                |   |
| /PFB/ <sup>/1/</sup> .....   | \$2.50                  | \$15.00                        | \$6.25                                      |
| r. Arrangement to connect a communications system with switching equipment, to a local exchange access line to accommodate direct inward dialing   |                         |                                |   |
| - per Network Access Line equipped   |                         |                                |   |
| /C22/ .....  | 9.50                    | 15.00                          | 6.25  |
| s. Connecting arrangement that permits the connection of customer-provided line use and counting and timing equipment to a central office line, Centrex station line or key telephone system line terminating in Company-provided rotary dial pulse equipment. |                         |                                |   |
| - per line equipped  |                         |                                |   |
| /C1V/ <sup>/1/</sup> .....   | 2.50                    | 15.00                          | 6.25  |

/1/ For use only with connecting arrangements CD8 or CDH.

/2/ Application of these services in Centrex Systems is limited to Centrex I systems with switching equipment located on the customer's premises.

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**EMBEDDED COMPLEX INSIDE WIRE<sup>/1/</sup>**

**EXCHANGE ACCESS CHARGE<sup>/2/</sup>**

**A. General**

1. Embedded Complex Inside Wire for purposes of this offering is that wire that was provided by the Company, associated with Company-Provided Complex Systems and was leased in place prior to January 1, 1984. Such wire included associated connectors, jacks and miscellaneous materials located within a customer's premises and on the customer's side of the Company-Provided Network Interface.
2. For purposes of this offering , Complex Systems are those systems in which two or more Exchange Access Lines terminate in or utilize the switching equipment or telecommunication equipment which facilitates pickup.
3. This offering does not offer to provide for the maintenance or rearrangement of Embedded Complex Inside Wire or for the installation, maintenance or rearrangement of any new or additional inside wire associated with complex system.
4. This offering permits any owner of complex Customer Premises Equipment (CPE) to utilize the Company's Embedded Complex Inside Wire. Users of complex inside wire are classified as follows:
  - a. Complex Systems owned by the customer.
  - b. Complex Systems leased to the customer by a vendor.<sup>/3/</sup>
5. Options
  - a. Embedded Complex Inside Wire may be purchased in accordance with applicable Company Practices.
  - b. The Vendor may place his own wire in which case the Company would remove/disable the Embedded Complex Inside Wire.
  - c. The Vendor may utilize the Company's Embedded Complex Inside Wire at rates as specified in this offering.
6. Responsibility of the Customer and/or Vendor

All users of the Company's Embedded Complex Inside Wire, must notify the Company regarding the initial and subsequent installation of CPE which utilizes the Company's Embedded Complex Inside Wire. Also, all users must notify the Company upon complete disconnections of business complex systems.

/1/ This offering expires on December 31, 1990, when the embedded wire is fully amortized.

/2/ Excludes house, riser, aerial and buried cable.

/3/ Includes Complex Systems leased to the customer by any CPE affiliate/subsidiary of AT&T Arkansas.

**EMBEDDED COMPLEX INSIDE WIRE<sup>/1/</sup> (cont'd)**

**EXCHANGE ACCESS CHARGE<sup>/2/</sup> (cont'd)**

**B. Rates**

The applicable monthly rates per Exchange Access Line for each year are as follows:<sup>/3,6/</sup>

|  | <u>USOC</u> | <u>Monthly<br/>Rate<sup>/4/</sup></u> | <u>Effective<br/>Date</u> |
|--|-------------|---------------------------------------|---------------------------|
| Customer-provided systems .....<br>(per access line or trunk)            | EETCP       | \$3.83                                | 3-23-1986                 |
|  |             | 3.06                                  | 3-23-1987                 |
|  |             | 2.29                                  | 3-23-1988                 |
|  |             | 1.52                                  | 3-23-1989                 |
|  |             | 0.75                                  | 3-23-1990                 |
| Vendor-leased systems <sup>/5/</sup> .....<br>(per access line or trunk) | EVA++       | 3.83                                  | 3-23-1986                 |
|  |             | 3.06                                  | 3-23-1987                 |
|  |             | 2.29                                  | 3-23-1988                 |
|  |             | 1.52                                  | 3-23-1989                 |
|  |             | 0.75                                  | 3-23-1990                 |

A charge as follows, based on 5:1 station to trunk ratio, applies to each Centrex C.O. or ESSX 400 station.

|                         | <u>USOC</u> | <u>Monthly<br/>Rate</u> | <u>Effective<br/>Date</u> |
|-------------------------|-------------|-------------------------|---------------------------|
| Customer-provided ..... | EETCP       | \$0.77                  | 3-23-1986                 |
|                         |             | 0.62                    | 3-23-1987                 |
|                         |             | 0.46                    | 3-23-1988                 |
|                         |             | 0.31                    | 3-23-1989                 |
|                         |             | 0.15                    | 3-23-1990                 |
| Vendor-leased.....      | VWA++       | 0.77                    | 3-23-1986                 |
|                         |             | 0.62                    | 3-23-1987                 |
|                         |             | 0.46                    | 3-23-1988                 |
|                         |             | 0.31                    | 3-23-1989                 |
|                         |             | 0.15                    | 3-23-1990                 |

/1/ This offering expires on December 31, 1990, when the embedded wire is fully amortized.

/2/ Excludes house, riser, aerial and buried cable.

/3/ These rates do not apply to any location where the Embedded Complex Inside Wire has been purchased from the Company, or at locations where all of the Complex Inside Wire is customer provided.

/4/ Applies only to the owners of complex Customer Premises Equipment.

/5/ Also applies to Complex Systems leased by an AT& Arkansas-CPE affiliate/subsidiary.

/6/ Also applies per Centrex III access line.

**EMBEDDED COMPLEX INSIDE WIRE<sup>/1/</sup> (cont'd)**

**THE MAINTENANCE AND PROVISIONING OF 242 TYPE CABLE**

**A. General**

This cable which is frequently referred to as "black cable", is used to connect telephone services on different floors of a multi-level building or different buildings on the same premises (in a campus type environment). It may also include outside plant facilities such as house, riser, aerial or buried cable. This embedded cable, which is owned by the Company, may be provided as follows:

1. If the cable pairs were in service, without charge, and were being provided in connection with extension and/or PBX station services utilized by the customer before January 1, 1984, the customer may continue to use those pairs without charge. Effective with supersedure or outside move of an account, a customer is subject to lease charges for all pairs at charges provided.
2. When spare pairs are available in the existing cable, additional cable pairs may be leased to the customer, at charges equal to the 101 type channel as specified in Part 15, Section 2.
3. The Company will continue to maintain all 242 cable for which the Company retains ownership.

/1/ This offering expires on December 31, 1990, when the embedded wire is fully amortized.