AT&T NEVADA GUIDEBOOK

PART 2 - General Terms and Conditions SECTION 9 - Connections First Revised Sheet 1

2.9. CONNECTIONS OF PREMISES EQUIPMENT TO EXCHANGE SERVICES

2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS

2.9.1.1 GENERAL PROVISIONS

A. DESCRIPTION

This section contains the regulations under which the connection of customer-provided equipment and systems to facilities of the Company will be permitted. Connecting arrangement rates and regulations are included.

B. APPLICABILITY

The following regulations and equipment arrangements apply to the connection of customer-provided equipment and/or systems with certain facilities furnished by the Company.

C. GENERAL

Terminal equipment and communications systems provided by the customer may be connected at the customer's premises to telecommunications services furnished by the Company where connections are made according to the provisions of this Guidebook. The following telecommunications services are furnished by the Company: exchange service, Long Distance Message Telecommunications Service (LDMTS) and Wide Area Telecommunications Service (WATS)^{/1/}. (C)

D. RESPONSIBILITY OF THE CUSTOMER

1. The customer shall be responsible for the installation, operation and maintenance of any customer-provided terminal equipment or communications system. No combinations of customer-provided terminal equipment or communications systems shall require change in or alteration of the equipment or services of the Company, cause electrical hazards to Company personnel, damage to Company equipment, malfunction of Company billing equipment,/or degradation of service to persons other than the user of the subject terminal equipment or communications system, his calling or called party./ Upon notice from the Company that a customer-provided terminal equipment or communications system is causing a hazard, damage, malfunction or degradation of service, the customer shall make necessary changes to remove or prevent them.

 $^{\prime 1/}$ Effective December 31, 2021, WATS and 800 Service are withdrawn for residential customers.

(N)

ATT TN NV-21-0035 EFFECTIVE: December 31, 2021

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.1 GENERAL PROVISIONS (Cont'd)
- D. RESPONSIBILITY OF THE CUSTOMER (Cont'd)
- 2. The customer shall be responsible for the payment of a Maintenance of Service Charge as provided in Part 3, Section 1 for visits by a Company employee to the customer's premises when a service difficulty or trouble report results from the use of customer-provided terminal equipment or communications system.

E. RESPONSIBILITY OF THE COMPANY

- 1. Telecommunications services are not represented as adapted to the use of customer-provided terminal equipment or communications systems. Where customer-provided terminal equipment or communications systems are used with telecommunications services, the responsibility of the Company shall be limited to the furnishing of service components suitable for telecommunications services and to the maintenance and operation of service components in a manner proper for them. The Company shall not be responsible for the through transmission of signals generated by the customer-provided terminal equipment or communications systems or for the quality of, or defects in transmission, or the reception of signals by customer-provided terminal equipment or communications systems, or address signaling where signaling is performed by customer-provided signaling equipment.
- 2. The Company will, at the customer's request, provide information concerning interface parameters, including the number of ringers which may be connected to a particular telephone line, needed to permit customer-provided terminal equipment to operate in a manner compatible with telecommunications services.
- 3. The Company may make changes in its telecommunications services, equipment, operations or procedures, where action is not inconsistent with Part 68 of the Federal Communications Commission's (FCC) Rules and Regulations. If changes can be reasonably expected to render any customer's terminal equipment or communications system incompatible with telecommunications services, or require modification or alteration of customer-provided terminal equipment or communications systems, or otherwise materially affect its use or performance, the customer will be given adequate notice, in writing, to allow the customer an opportunity to maintain uninterrupted service.

2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS Cont'd)

2.9.1.1 GENERAL PROVISIONS (Cont'd)

F. RECORDING OF TWO WAY TELEPHONE CONVERSATIONS

- 1. Telecommunications services are not represented as adapted to the recording of two-way telephone conversations. However, customer-provided voice recording equipment may be connected with telecommunications services, according to Part 2, Section 9.1.3 subject to the following conditions or Part 2, Section 9.1.2.
- 2. A distinctive recorder tone that is repeated at intervals of approximately fifteen seconds, the consent of all parties to the conversation, or one party notification, which is recorded at the beginning and as part of the I call by the recording party, is required when recording equipment is in use and is electrically connected with services of the Utility. Neither the distinctive recorder tone described nor the one party notification is required:
- a. when used by a FCC licensed broadcast station customer for recording of two-way telephone conversations solely for broadcast over the air;
- when used by the United States Secret Service of the Department of Treasury for recording of two-way telephone conversations which concern the safety and security of the person of the President of the United States, members of his immediate family, or the White House and its grounds, as provided in FCC Order 29790, adopted January 22, 1975;
- when used by a broadcast network or by a cooperative programming effort composed exclusively of FCC broadcast licenses to record two-way telephone conversations solely for broadcast over the air by a licensed broadcast station, as provided in an FCC Order adopted December 18, 1975;
- d. when used for recording at United States Department of Defense Command Centers of emergency communications transmitted over the Department of Defense's private line system when connected to telecommunications services, as provided in an FCC Order adopted May 19, 1976;
- e. when used in connection with the lines of public fire and police departments provided that the head of these departments certifies that lines will be used exclusively for recording incoming emergency local calls and incoming emergency intrastate message toll calls;
- f. when used with stations or lines which are physically restricted from connection with telecommunications services;

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
 - 2.9.1.1 GENERAL PROVISIONS (Cont'd)
 - F. RECORDING OF TWO WAY TELEPHONE CONVERSATIONS (Cont'd)
 - g. customer-provided voice recording equipment may not be connected with services of the Company for the recording of two-way telephone conversations by means of an acoustic or inductive connection, except when used as specified in 2.a., 2.b., 2.c. and 2.d. above;
 - h. the customer-provided voice recording equipment shall be so arranged that at the will of the user it can be physically connected to and disconnected from the services of the Company or switched on and off.

G. VIOLATION OF REGULATIONS

When any customer-provided terminal equipment or communications system is used with telecommunications services in violation of any of the provisions in this Guidebook, the Company will take immediate action as necessary for the protection of the telecommunications network and Company employees, and will promptly notify the customer of the violation. The customer shall discontinue use of the terminal equipment or communications system or correct the violation and shall confirm in writing to the Company within 10 days, following the receipt of written notice from the Company, that use has ceased or that the violation has been corrected. Failure of the customer to discontinue use or to correct the violation and to give the required written confirmation to the Company within the time stated above shall result in suspension of the customer's service until such time as the customer complies with the provisions of this Guidebook.

H. DEFINITIONS 1. Grandfathered

Communications Systems

The term "Grandfathered Communications Systems" as used in this Guidebook denotes customer-provided communications systems (including their equipment, premises wiring and protective circuitry if any) connected at the customer's premises, according to this Guidebook. They are considered to be grandfathered under Part 68 of the FCC's Rules and Regulations because these systems were connected to the telecommunications network prior to January 1, 1980 and are of a type of system which was directly connected (i.e., without telephone company-provided connecting arrangements) to the telecommunications network as of June 1, 1978.

2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)

2.9.1.1 GENERAL PROVISIONS (Cont'd)

H. DEFINITIONS (Cont'd)

2. Grandfathered Connections of Communications Systems

The term "Grandfathered Connections of Communications Systems" as used in this Guidebook denotes connections via telephone company-provided connecting arrangements of customer-provided communications systems (including their equipment and premises wiring) at the customer's premises, according to this Guidebook. They are considered to be grandfathered under Part 68 of the FCC's Rules and Regulations because these connections to the telecommunications network were made via telephone company-provided connecting arrangements prior to January 1, 1980 and these connecting arrangements are of a type of connecting arrangement connected to the telecommunications network as of June 1, 1978.

3. Grandfathered Terminal Equipment

The term "Grandfathered Terminal Equipment" as used in this Guidebook denotes customer-provided terminal equipment (including protective circuitry if any) connected at the customer's premises, according to this Guidebook. It is considered to be grandfathered under Part 68 of the FCC's Rules and Regulations because this terminal equipment was connected to the telecommunications network prior to July 1, 1979 and is of a type of terminal equipment which was directly connected (i.e., without telephone company-provided connecting arrangements) to the telecommunications network as of October 17, 1977.

4. Grandfathered Connections of Terminal Equipment

The term "Grandfathered Connections of Terminal Equipment" as used in this Guidebook denotes connections via telephone company-provided connecting arrangements of customer-provided terminal equipment connected at the customer's premises, according to this Guidebook. They are considered to be grandfathered under Part 68 of the FCC's Rules and Regulations because these connections to the telecommunications network were made via telephone company-provided connecting arrangements prior to July 1, 1979 and these connecting arrangements are the same type of connecting arrangement connected to the telecommunications network as of October 17, 1977.

2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)

2.9.1.1 GENERAL PROVISIONS (Cont'd)

H. DEFINITIONS (Cont'd)

5. Registered Equipment

The term "Registered Equipment" as used in this Guidebook denotes equipment which complies and has been approved within the Registration provisions of part 68 of the FCC's Rules and Regulations.

I. AIRWAYS TRAFFIC COMMUNICATIONS

Connections to customer-provided wire lines or radio lines at key unit positions are furnished as specified in Part 4.

J. CHANNELS FOR FARMER LINES

Channels are furnished in connection with the customer's privately owned facilities as specified in Part 4, Section 2.

K. TOLL SERVICE-STATION SERVICE

Connections with customer-provided line facilities and equipment items are provided for in Part 9.

L. LIABILITY

The services furnished by the Company are subject to the following limitations: the Company shall not be liable for damage arising out of mistakes, omissions, interruptions, delays, errors or defects in transmission or other injury, including but not limited to injuries to persons or property from voltages or currents transmitted over the service of the Company, caused by customer-provided equipment (except where a contributing cause is the malfunctioning of a Company-provided connecting arrangement, in which event the liability of the Company shall not exceed an amount equal to a proportional amount of the Company billing for the period of service during which such mistake, omission, interruption, delay, error, defect in transmission or injury occurs), or not prevented by customer-provided equipment but which would have been prevented had Company-provided equipment been used.

AT&T NEVADA GUIDEBOOK

PART 2 - General Terms and Conditions SECTION 9 - Connections

Original Sheet 7

2.9. CONNECTIONS OF PREMISES EQUIPMENT TO EXCHANGE SERVICES

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.1 GENERAL PROVISIONS (Cont'd)

M. NEW CONNECTING ARRANGEMENTS

Except as otherwise provided in 2.9.1.4 following, installations of new connecting arrangements for customer-provided terminal equipment will not be made after July 1, 1979, and installations of new connecting arrangements[^] for customer-provided communications systems (including equipment-to-equipment connections) will not be made after January 1, 1980. Treatment with respect to grandfathered installations which include such connecting arrangements is covered in 2.9.1.3.

NOTE 1: Excludes Dataphone® data sets and other auxiliary, miscellaneous and supplemental data equipment items.

2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS

2.9.1.2 CONNECTIONS OF REGISTERED EQUIPMENT

- A. CUSTOMER-PROVIDED REGISTERED TERMINAL EQUIPMENT, REGISTERED PROTECTIVE CIRCUITRY AND REGISTERED COMMUNICATIONS SYSTEMS
 - 1. Customer-provided registered terminal equipment, registered protective circuitry, and registered communication systems may be directly connected at the customer's premises to the telecommunications network, subject to Part 68 of the Federal Communications Commission's (FCC) Rules and Regulations, 2.9.1.1 of this Guidebook and the following provisions.
 - a. All combinations of registered equipment and associated non-registered terminal equipment (including but not limited to wiring) shall be installed, operated and maintained so that the requirements of part 68 of the FCC's Rules and Regulations are continually satisfied.
 - b. The Company may discontinue service or impose other remedies as provided for in Part 68 of the FCC's Rules and Regulations for failure to comply with these provisions.
 - 2. The customer shall notify the Company of each line to which registered equipment is to be connected in advance of connection and shall notify the Company when registered equipment is permanently disconnected. The customer shall provide the Company the Registration Number and Ringer Equivalence Number for the registered equipment.
 - 3. The customer shall not connect registered equipment to a Company line if:
 - a. the Ringer Equivalence of equipment in combination with the total Ringer Equivalence of other equipment connected to the same line exceeds the allowable maximum of five or as otherwise determined by the Company, or
 - b. the ringer type is not a ringer type designated by the Company as suitable for that particular line.
 - 4. Except as otherwise provided in this Guidebook and in 5. following, all connections of registered equipment to services furnished by the Company shall be made through Company-provided standard jacks; or, in the case of registered communications systems, through standard jacks wired in other than a standard manner, when non standard wiring is agreed to by the Company.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.2 CONNECTIONS OF REGISTERED EQUIPMENT (Cont'd)
- A. CUSTOMER-PROVIDED REGISTERED TERMINAL EQUIPMENT, REGISTERED PROTECTIVE CIRCUITRY AND REGISTERED COMMUNICATIONS SYSTEMS (Cont'd)
- 5. Registered equipment which is in hazardous or inaccessible locations may, in lieu of 4. above be connected in accordance with 2.9.1.9 following.
- B. PREMISES WIRING ASSOCIATED WITH REGISTERED COMMUNICATIONS SYSTEMS
- 1. Premises Wiring is wiring which connects separately-housed equipment entities or system components to one another, or wiring which connects an equipment entity or system component with the telephone network interface, located at the customer's premises and not within an equipment housing.
- a. Fully-Protected Premises Wiring is premises wiring which is:
 - (1) no greater than 25 feet in length (measured linearly between the points where it leaves equipment or connector housings) and registered as a component of and supplied to the user with the registered terminal equipment or protective circuitry with which it is to be used;
 - (2) a cord which complies with (1) preceding and which is extended once by a registered extension cord. Extension cords may be used as a substitute for wiring which for safety reasons should be affixed to or embedded in a building's structure.
 - (3) wiring located in an equipment room with restricted access, provided that this wiring remains exposed for inspection and is not concealed or embedded in the building's structure and that it conforms to Part 68 of the FCC's Rules and Regulations;
 - (4) electrically behind registered equipment, system components or protective circuitry which assure that electrical contact between the wiring and commercial power wiring or earth ground will not result in hazardous voltages or excessive longitudinal imbalance at the telephone network interface.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.2 CONNECTIONS OF REGISTERED EQUIPMENT (Cont'd)
 - B. PREMISES WIRING ASSOCIATED WITH REGISTERED COMMUNICATIONS SYSTEMS (Con'td)
 - b. Protected Premises Wiring Requiring Acceptance Testing for Imbalance is premises wiring which is electrically behind registered equipment, system components or circuitry which assure that electrical contact between the wiring and commercial power, wiring will not result in hazardous voltages at the telephone network interface.
 - c. Unprotected Premises Wiring is all other premises wiring.
 - 2. Customers who Intend to connect premises wiring other than Fully Protected Premises Wiring to the telephone network shall give advance notice to the Company in accordance with the procedures specified in Part 68 of the FCC's Rules and Regulations or as otherwise authorized by the FCC.
 - 3. The Company may invoke extraordinary procedures specified in Part 68 of the FCC's Rules and Regulations where one or more of the following conditions are present:
 - a. information provided in the supervisor's affidavit gives reason to believe that a violation of Part 68 of the FCC's Rules and Regulations is likely;
 - b. a failure has occurred during acceptance testing for imbalance;
 - c. harm has occurred, and there is reason to believe that this harm was a result of wiring operations performed under Part 68 of the FCC's Rules and Regulations.
 - 4. In addition, the Company may monitor or participate in acceptance testing for imbalance, or may inspect other than Fully-Protected Premises Wiring installations as specified in Part 68 of the FCC's Rules and Regulations.

2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS

2.9.1.3 CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND MULTILINE TERMINATING SYSTEMS

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 according to Part 68 of the Federal Communication Commission's (FCC) Rules and Regulations, subject to the following provisions.

- a. The customer shall notify the Company when grandfathered terminal equipment is to be connected and shall notify the Company when grandfathered terminal equipment is to be permanently disconnected; notification shall include a description of the equipment including the manufacturer's name, model number, and type of equipment.
- b. Except as otherwise provided in this Guidebook, all connections are made through the Company-provided standard jacks or as otherwise connected by the Company.
- c. All connections shall comply with the minimum protection criteria set forth in C. below.
- 2. Grandfathered Communications Systems
- a. Grandfathered communications systems, directly connected to the telecommunications network on June 1, 1978, may remain connected for the life of the equipment without registration, and may be modified only according to Part 68 of the FCC's Rules and Regulations, subject to the following provisions.
 - (1) All connections shall comply with the minimum protection criteria set forth in C. below.
 - (2) No changes may be made to equipment so connected except by the manufacturer thereof, or a duly authorized agent of the manufacturer.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.3 CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND MULTILINE TERMINATING SYSTEMS (Cont'd)
 - A. DIRECT CONNECTIONS (Cont'd)
 - b. Until January 1, 1980, new installations of communications systems of a type which have been grandfathered were connected to the telecommunications network, subject to the following provisions.
 - (1) Premises wiring shall conform to Part 68 of the FCC's Rules and Regulations.
 - (2) The customer shall notify the Company when these communications systems are to be connected and shall notify the Company when these communications systems are to be permanently disconnected; notification shall include a description of the equipment including the manufacturer's name, model number, and type of equipment.
 - (3) All connections are made through Company-provided standard jacks or are otherwise connected by the Company.
 - (4) All connections shall comply with the minimum protection criteria specified in C. below.
 - (5) No changes may be made to equipment so connected except by the manufacturer thereof, or a duly authorized agent of the manufacturer.
 - c. Additions to systems specified in 2.a. and 2.b. above may be made:
 - (1) until January 1, 1980 where the equipment being added is of a type which has been grandfathered; and
 - (2) after January 1, 1980 where the equipment being added is grandfathered. These additions are subject to the provisions of 2.b. above. Additions of registered equipment are subject to 2.9.1.2 of this Guidebook.
 - d. Systems connected pursuant to 2.a., 2.b., and 2.c. above may remain connected and be moved and reconnected to the telecommunications network, according to 2.b. above for the life of the equipment and may be modified only according to Part 68 of the FCC's Rules and Regulations.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.3 CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND MULTILINE TERMINATING SYSTEMS (Cont'd)
- A. DIRECT CONNECTIONS (Cont'd)
- 3. Customer-provided terminal equipment and customer-provided communications systems connected to the telecommunications network via customer-provided grandfathered protective circuitry are subject to the provisions of A.I. and A.2. above.
- 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 according to 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 according to Part 68 of the FCC's Rules and Regulations. Connecting arrangements used for these moves and reconnections will continue to be provided by the Company subject to their availability, at the rates and charges specified in the appropriate section of this Guidebook.
 - (2) Until January 1, 1980, the Company will provide connecting arrangements, according to B.3. below for installations of new communications systems, which are subject to Part 68 of the FCC's Rules and Regulations.
 - (3) Until January 1, 1980, the Company will provide connecting arrangements according to the provisions of the appropriate section of this Guidebook for installations of new customer-provided devices or system components connected at the customer's premises to terminal equipment or communications systems provided by the Company (that is equipment-to-equipment connections). Equipment-to-equipment connections made prior to January 1, 1980, may remain connected and be moved and reconnected for the life of such devices or system components (and may be modified only according to Part 68 of the FCC's Rules and Regulations), or for the life of the Company-provided terminal equipment or communications system. Connecting arrangements used for reconnection of customer provided devices or system components will continue to be provided by the Company, subject to their availability at the rates and charges specified in the appropriate section of this Guidebook.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
 - 2.9.1.3 CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND MULTILINE TERMINATING SYSTEMS (Cont'd)
 - B. CONNECTIONS THROUGH CONNECTING ARRANGEMENTS PROVIDED BY THE COMPANY (Cont'd)
 - (1) Customer-provided communications systems which are not subject to Part 68 of the FCC's Rules and Regulations may be connected according to 2.9.1.4 below. Company-provided connecting arrangements are furnished for the connection of these systems at the rates and charges specified in the appropriate section of this Guidebook.
 - (2) Customer-provided terminal equipment may be connected according to 2.9.1.5 below to services of the Company specifically exempted from the FCC's Registration Program. Company-provided connecting arrangements are furnished for the connection of this equipment at the rates and charges specified in the appropriate section of this Guidebook.
 - (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 FCC's Rules and Regulations.
 - b. Network Control Signaling

Network control signaling shall be performed by equipment furnished, installed and maintained by the Company, except that:

- (1) customer-provided tone-type address signaling is permissible through a Company-provided connecting arrangement. When the customer has the capability to originate calls by means of such instruments and special central office (CO) facilities exist the rates and charges for Touch-Tone® Calling Service specified in Part 4, Section 2 apply.
- (2) signaling functions may be performed by customer-provided Conforming Answering Devices specified in E. following.
- 2. Grandfathered Connections of Terminal Equipment a. Data Terminal Equipment

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
 - 2.9.1.3 CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND MULTILINE TERMINATING SYSTEMS (Cont'd)
 - B. CONNECTIONS THROUGH CONNECTING ARRANGEMENTS PROVIDED BY THE COMPANY (Cont'd)

Subject to the provisions of B.I.a.(I) and (5) above, customer-provided data terminal equipment (including telephotograph equipment) may be connected at the customer's premises to the telecommunications network connected at the customer's premises to the telecommunications network through a network control signaling unit and a data access arrangement provided by the Company according to the following provisions.

- (1) The customer shall furnish the equipment which performs the functions of:
 - conditioning the data signals generated by the customer-provided terminal equipment to signals suitable for transmission by means of Company services, and
 - conditioning signals transmitted by means of Company services to data signals suitable for reception by customer-provided equipment.
- (2) The customer-provided 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 customer-provided terminal equipment and such terminal equipment is used for both voice and data communication, the data access arrangement may be used to connect the customer-provided terminal equipment for voice communication.
- b. Voice Terminal Equipment

Subject to the provisions of B.I.a(I) and (5) above, customer-provided voice terminal equipment may be connected at the customer's premises to the telecommunications network according to the following provisions.

(1) The connection shall be made through a network control signaling unit and a connecting arrangement furnished by the Company. According to D. and E. following, a connecting arrangement is not required for the connection of Attested Equipment or Conforming Answering Devices.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.3 CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND MULTILINE TERMINATING SYSTEMS (Cont'd)
- B. CONNECTIONS THROUGH CONNECTING ARRANGEMENTS PROVIDED BY THE COMPANY (Cont'd)
 - (2) Where a data access arrangement is furnished in connection with customer provided terminal equipment and terminal equipment is used for both voice and data communication, the data access arrangement may be used to connect the customer provided terminal equipment for voice communication.
 - (3) The customer-provided voice terminal equipment must comply with the minimum protection criteria specified in C. following.
- 3. Grandfathered Connections of Communications Systems

Subject to the provisions of B.I and B.2 above, customer-provided communications systems may be connected at the customer's premises to telecommunications services according to the following provisions.

- a. The connection shall be through a network control signaling unit and connecting arrangement furnished by the Company.
- b. The provisions relating to minimum protection criteria set forth in C. below shall apply to the connection of customer-provided communications systems. As related to minimum protection criteria and when applied to the connection of customer-provided communications systems, the term "customer's premises" shall include any premises on which the customer-provided communications system is terminated.

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 CO 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 customer-provided 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.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.3 CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND MULTILINE TERMINATING SYSTEMS (Cont'd)
- C. MINIMUM PROTECTION CRITERIA FOR ELECTRICAL CONNECTIONS (Cont'd)
 - a. To protect other services, it is necessary that the signal which is applied by the customer-provided equipment to the Company interface located on the customer's premises meet the following limits:
 - (1) 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 C.1. above;
 - (2) the power in the band from 4,005 Hertz to 10,000 Hertz shall not exceed 16dB below one milliwatt;
 - (3) the power in the band from 10,000 Hertz to 25,000 Hertz shall not exceed 24dB below one milliwatt;
 - (4) the power in the band from 25,000 Hertz to 40,000 Hertz shall not exceed 36dB below one milliwatt:
 - (5) the power in the band from 40,000 Hertz to 40,000 Hertz shall not exceed 50dB below one milliwatt.
 - b. To prevent the interruption or disconnection of a call, or interference with network control signaling, it is necessary that the signal applied by the customer-provided equipment to the Company interface located on the cutomer's premises at no time have energy solely in the 2450 to 2750 Hertz band. If the 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 JANUARY 1, 1980

1. Until January 1, 1980, customer-provided 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 according to D.1.d. below. Such equipment may remain connected and be moved and reconnected in accordance therewith for the life of the equipment unless subsequently modified.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.3 CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND MULTILINE TERMINATING SYSTEMS (Cont'd)
 - D. ATTESTED EQUIPMENT CONNECTED PRIOR TO JANUARY 1, 1980 (Cont'd)
 - 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.
 - d. Attested Equipment may not:
 - 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. above: 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. above.
 - 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 according to 2.9.1.2 of this Guidebook.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.3 CONNECTIONS OF GRANDFATHERED TERMINAL EQUIPMENT AND MULTILINE TERMINATING SYSTEMS (Cont'd)
- E. CONFORMING ANSWERING DEVICES CONNECTED PRIOR TO JULY 1, 1979
 - Customer-provided 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, according to 1.a., 1.b., 1.e., 1.d. and 1.e. below, 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 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;
 - (2) be used with party line service; or
 - (3) be used to originate calls.
 - e. The Conforming Answering Device shall comply with the minimum protection criteria set forth in C. above.
 - 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 according to 2.9.1.2 of this Guidebook.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS
- 2.9.1.4 CONNECTIONS OF CUSTOMER-PROVIDED COMMUNICATIONS SYSTEMS NOT SUBJECT TO FCC RULES

A. GENERAL

- Customer-provided communications systems not subject to Part 68 of the FCC's Rules and Regulations may be connected on a direct electrical basis with telecommunications services according to this section. These communications systems (including channels derived from such systems), not exceeding voice grade, may be connected at the customer's premises if the following provisions are met.
- a. The connection is made through:
 - (1) a connecting arrangement furnished by the Company, or
 - (2) registered or grandfathered terminal equipment, multiline terminating system, or protective circuitry which, either singularly or in combination, assures that the requirements of Part 68 of the FCC's Rules and Regulations are met at the telecommunications service interface.
- b. The connection is:
 - (1) through switching equipment provided either by the customer or by the Company, or
 - (2) through the connecting arrangement, terminal equipment, communications system or protective circuitry. In such cases, the customer-provided communications system not subject to Part 68 must be arranged to promptly return the exchange telephone service to an idle (on hook) state should the communications system fail. In addition, the customer must notify the Company when his communications system fails.
- c. Minimum protection criteria specified in 2.9.1.3 of this Guidebook are complied with when the connection is made through equipment or systems that are not registered.

2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS

2.9.1.6 CONNECTIONS OF CERTAIN FACILITIES OF POWER, PIPE LINE AND RAILROAD COMPANIES

A. GENERAL

- 1. Except as otherwise provided in B. below telephone facilities of an electric power company, an oil, oil products or natural gas pipe line company, or a railroad company provided primarily to communicate with points located along a right-of-way (including premises of such company anywhere in cities, towns or villages along the right-of-way) owned or controlled by such company may, in lieu of the provisions of 2.9.1.3 and 2.9.1.4 of this Guidebook, be connected with the telecommunications network for the following purposes:
- a. in cases of emergency involving safety of life or property;
- b. in cases of calls originated by railroad employees under circumstances indicating need for prompt action to secure or maintain the safety, continuity, or reliability of railroad service to the public, and related to the movement of passengers, mail, property, or equipment by railroad, or the repair, maintenance, or construction of railroad rights-of-way, structures or equipment;
- c. in cases where the customer facilities serve locations where it is impracticable because of hazard or inaccessibility for the Company to furnish its facilities; and
- d. during an interim period in cases where the customer has arranged for replacement of said customer facilities with facilities of the Company.
- 2. Telephone circuits of such companies will be connected to a local or toll central office (CO) line to form a through connection only through manual switching equipment, or an attendant's position of dial Private Branch Exchange (PBX) equipment furnished to the customer by the Company. Such equipment or position may be located at either or both ends of the customer's circuit.
- 3. Connection of a telephone circuit of such companies as specified in A.1.b, A.1.c., or A.1.d above may be established at either end of such circuit, but shall not be established at both ends simultaneously.

PART 2 - General Terms and Conditions SECTION 9 - Connections

2.9. CONNECTIONS OF PREMISES EQUIPMENT TO EXCHANGE SERVICES

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.6 CONNECTIONS OF CERTAIN FACILITIES OF POWER, PIPE LINE AND RAILROAD COMPANIES (Cont'd)

B. REGULATIONS

Effective January 1, 1980, new Installations of or additions to customer-provided terminal equipment and communications systems subject to Part 68 of the FCC's Rules and Regulations, connected to the telecommunication network in accordance with A. above must conform with Part 68 of the FCC's Rules and Regulations.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS
- 2.9.1.8 CONNECTIONS OF CERTAIN FACILITIES OF THE U.S. ARMY, NAVY AND AIR FORCE A. GENERAL
 - 1. Except as otherwise provided in A.3. below, facilities of a telephone system of the U.S. Department of the Army, Navy or Air Force which serves an establishment operated and administered under the direction of the Department and commanded by authorities of such establishment, may, in lieu of the provisions of 2.9.1.3 and 2.9.1.4 of this Guidebook, be connected to the telecommunications network where the Secretary of the appropriate Department certifies in writing that reasons of military necessity require that the establishment be served by a telephone system of the Department. In addition, the facilities of a temporary telephone system of such Department located off a permanent establishment of the Department for maneuvers, mobilization tests or technical service tests will be so connected.
 - 2. Except as otherwise provided in A.3. below, telephone facilities of the U.S. Department of the Army, Navy or Air Force, other than those described in 1. preceding, may, in lieu of the provisions of 2.9.1.3 and 2.9.1.4 of this Guidebook, be connected by means of switching or connecting equipment furnished by the Company, to a Private Branch Exchange (PBX) switchboard or other telephone switching or terminal equipment, where the Secretary of the appropriate Department or his authorized representative notifies the Company in writing that such connection is required for reasons of military necessity. Such Department telephone facilities will be connected to the telecommunications network only in cases of emergency involving safety of life or property, unless the aforesaid Department facilities are in locations where it is impracticable for the Company to furnish its facilities.
 - 3. Effective January 1, 1980, new installations of or additions to customer-provided terminal equipment and communications systems subject to Part 68 of the Federal Communications Commission's (FCC) Rules and Regulations, connected to the telecommunications network according to A.I. and A.2. above, must conform with Part 68 of the FCC's Rules and Regulations.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS
- 2.9.1.9 CONNECTIONS OF SERVICE STATION LINES AND FACILITIES FURNISHED BY THE CUSTOMER WHICH INVOLVE HAZARDOUS OR INACCESSIBLE LOCATIONS

A. GENERAL

- Except as otherwise provided in A.2. below, service station lines, and facilities furnished by the customer which involve hazardous or inaccessible locations, may be connected to the telecommunications network.
- 2. Effective January 1, 1980, new installations of or additions to customer-provided terminal equipment and communications systems subject to Part 68 of the Federal Communications Commission's (FCC) Rules and Regulations, connected to the telecommunications network according to A.1. above, must conform with Part 68 of the FCC's Rules and Regulations.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS
- 2.9.1.11 CONNECTIONS OF CERTAIN FACILITIES OF U.S. GOVERNMENT EXECUTIVE DEPARTMENTS AND AGENCIES

A. GENERAL

- 1. Except as otherwise provided in A.2. below, equipment of a Department or Agency of the Executive Branch of the U.S. Government used for the purpose of disguising or concealing the contents or meaning of communications may, in lieu of the provisions of 2.9.1.3 and 2.9.1.4 of this Guidebook, be connected to Company station equipment, or to Company facilities in lieu of such station equipment, subject to the following provisions.
- a. The head of the Department or Agency whose equipment is to be connected, or his authorized representative, shall notify the Company in writing that such connection is necessary to safeguard official information which requires protection in the interests of national defense, or other confidential official information, disclosure of which to unauthorized persons would be detrimental to the public interest.
- b. The connection shall be made by means of connecting equipment or arrangements furnished by the Company.
- 2. Effective January 1, 1980, new installations of or additions to customer-provided terminal equipment and communications systems subject to Part 68 of the Federal Communications Commission's (FCC) Rules and Regulations, connected to the telecommunications network according to A.1. above, must conform with Part 68 of the FCC's Rules and Regulations.

2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS

2.9.1.16 CONNECTIONS OF OFF-PREMISES LINES FROM CUSTOMER-PROVIDED MULTILINE TERMINATING SYSTEMS

A. CUSTOMER-PROVIDED TERMINAL EQUIPMENT

The Company will extend lines from customer-provided terminal equipment, which conforms with 2.9.1.3 and 2.9.1.4 of this Guidebook for the purpose of providing off-premises stations, according to the following provisions.

- 1. Lines will be extended from customer-provided terminal equipment, located at a customer's primary premises, only to locations off the customer's primary premises on non-continuous property.
- 2. Mileage rates and conditions for lines extended from customer-provided terminal equipment to off-premises locations on non-continuous property in the same or contiguous exchange are as specified in Part 4, Section 5 of this Guidebook.
- 3. Stations at an off-premises location in the same exchange or in a contiguous exchange, on lines extended from the customer-provided terminal equipment, may be provided by either the customer or the Company.
- 4. Rates and regulations applicable to Company-provided stations in such exchanges are as specified in the appropriate sections of this Guidebook for each extension station.
- a. Service connection charges applicable to Company-provided stations are as specified in Part 3, Section 1 of this Guidebook.
- 5. Charges, rates and regulations for Key Telephone System Service are in addition to the rates for each extension station as specified in the appropriate section of this Guidebook.
- 6. When the customer elects to provide the station, at an off-premises location, on the Company-provided line, and that line is extended to the off-premises location directly from the Company's central office (CO), the customer-provided station must be connected to such line according to 2.9.1.2 or 2.9.1.3 of this Guidebook.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.16 CONNECTIONS OF OFF-PREMISES LINES FROM CUSTOMER-PROVIDED MULTILINE TERMINATING SYSTEMS (Cont'd)

B. CUSTOMER-PROVIDED COMMUNICATIONS SYSTEMS

- 1. The Company will extend lines from customer-provided communications systems which conform with 2.9.1.2 or 2.9.1.3 of this Guidebook for the purpose of providing off-premises stations, according to the following provisions.
- a. Lines will be extended from customer-provided communications systems located at a customer's primary premises, only to locations off the customer's primary premises on non-continuous property.
- b. Mileage rates and conditions for lines extended from customer-provided communications systems to offpremises locations on non-continuous property in the same or contiguous exchange are as specified in Part 4, Section 5.
- c. Charges, rates and regulations for lines extended from customer-provided communications systems to off-premises locations on non-continuous property in non-contiguous exchanges are as specified in Part 3, Section 2 for Interexchange Private Line Telephone Channels.
- d. Stations at an off-premises locations in the same exchange, contiguous exchange or noncontiguous exchange, on lines extended from a customer-provided communications system, may be provided by either the customer or the Company.
- e. Rates and regulations applicable to Company-provided stations in the same or contiguous exchange are as specified in the appropriate section of this Guidebook for each commercial station.
- f. Service connection charges applicable to Company-provided stations in the same or contiguous exchange are as specified in Part 3 Section 1 of this Guidebook.
- g. Charges, rates and regulations applicable to Company-provided stations in a non-contiguous exchange are as specified in Part 2, Section 9 of this Guidebook.
- h. Charges, rates and regulations for Key Telephone System Service are in addition to the rates, and charges referenced in B.1.e. and B.1.f. above.

2.9.1. CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS

2.9.1.18 ACOUSTIC OR INDUCTIVE CONNECTIONS

A. GENERAL

- Customer-provided voice or data terminal equipment (including telephotograph equipment) and customer-provided communications systems may be acoustically or inductively connected at the customer's premises to the telecommunications network provided the acoustic or inductive connection is made externally to the network control signaling unit when such unit is provided by the Company.
- 2. Customer-provided tone-type address signaling is permitted through such connections, however, the services of the Company are not designed for such use and the Company makes no representation as to the reliability or address signaling which is performed in such manner.

B. MINIMUM PROTECTION CRITERIA

- 1. To prevent excessive noise and crosstalk in the network, it is necessary that the power of the signal which is applied by the customer-provided premises be limited so that the signal power of the output of the network control signaling unit (i.e., at the input to the Company line) does not exceed 9dB below one milliwatt when averaged over any three second interval, the Company, at the customer's request, will specify, for each customer location, the signal power at the output of the network control signaling unit, which shall in no case exceed one milliwatt.
- 2. To protect other services, it is necessary that the signal which is applied by the customer-provided equipment to the network control signaling unit located on the customer's premises meet the following limits at the output of the network control signaling unit:
- 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 B.I. above.
- b. The power in the band from 4,005 Hertz to 10,000 Hertz shall not exceed 16dB below one milliwatt.

PART 2 - General Terms and Conditions SECTION 9 - Connections

2.9. CONNECTIONS OF PREMISES EQUIPMENT TO EXCHANGE SERVICES

- 2.9.1. CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.18 ACOUSTIC OR INDUCTIVE CONNECTIONS (Cont'd) B. MINIMUM PROTECTION CRITERIA (Cont'd)
 - The power in the band from 10,000 Hertz to 25,000 Hertz shall not exceed 24dB below one milliwatt.
 - 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 customer-provided equipment to the network control signaling unit located on the customer's premises be limited so that the signal at the output of the network control signaling unit 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.

PART 2 - General Terms and Conditions SECTION 9 - Connections

2.9. CONNECTIONS OF PREMISES EQUIPMENT TO EXCHANGE SERVICES

2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS

2.9.1.19 ACCESSORIES

A. GENERAL

Customer-provided accessories may be used with telecommunications services provided that such accessories comply with the provisions 2.9.1.1 and 2.9.1.3 of this Guidebook.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS
- 2.9.1.21 INTERFACE ARRANGEMENTS FOR AUTHORIZED EQUIPMENT
 - A. DESCRIPTION

Interface Termination for Customer-Provided Conforming Answering Device.

B. CHARGES

Installation
Charge USOC
RR JKS

Interface Termination for connecting a conforming answering device to a Company-provided individual business or residence line or PBX or Centrex station line terminating on a nonbutton telephone set¹

NOTE 1: Charge applicable to Network Interface installation (indoor four-contact) as shown in Part 4, Section 5 of this Guidebook.

2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS

2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE

A. ALARM COUPLER EQUIPMENT

- 1. Regulations
- a. Alarm coupler equipment will be furnished at rates which are in addition to the rate for the business or residence individual line Private Branch Exchange (PBX) station or Centrex station with which it is associated.
- b. An alarm coupler:
 - (1) is furnished to permit connection of a suitable customer-provided alarm sending device to the facilities of the Company;
 - (2) is activated by the customer-provided alarm sending device;
 - (3) when activated, transmits dial pulses received from the customer-provided alarm sending device;
 - (4) requires suitable power furnished by the customer-provided alarm sending device;
 - (5) requires an associated telephone set.
- c. The customer shall furnish, install and maintain in a manner satisfactory to the Company a suitable housing, enclosure or location for the alarm coupler equipment.
- d. The alarm coupler is not furnished for announcement to the general public. Customer-provided alarm sending devices shall not be used to perform switching functions normally performed by the Company.
- e. The Type A Alarm Coupler provides a one-way transmission path to the line for a prerecorded voice message from the customer-provided alarm sending device.
- f. The Type B Alarm Coupler is equipped for two-way voice transmission, for customer-provided alarm sending devices furnished with dial tone detection. This coupler is to be used for voice messages only and is not intended for transmission of tones or data.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)
 A. ALARM COUPLER EQUIPMENT (Cont'd)
 - g. The Type B Alarm Coupler:
 - (1) is not furnished for use where operator assistance is required to complete calls to the preset telephone number of the control point telephone;
 - (2) requires that the customer designate a control point telephone equipped with a signal source hand set or separately mounted signal source, or with another suitable signal source offered by the Company.
 - h. Type C Alarm Coupler enables the customer to test the operation of the alarm sending device (or reset such equipment) by transmitting a tone to the voice connecting arrangement from a remote telephone station. It can be used an an applique to Alarm Coupler Type A or B.
 - i. The Type D Alarm Coupler:
 - (1) is activated by the associated customer-provided alarm sending device;
 - (2) provides for two-way voice transmission for customer-provided alarm sending devices equipped with dial tone detection;
 - (3) is to be used for voice messages only, and is not intended for transmission of supervisory tones or data;
 - (4) is offered for use with Touch-Tone® service as offered in Part 4, Section 2;
 - (5) when activated, will transmit dial pulses or tone address signals from the customerprovided alarm sending device;
 - (6) is offered with an associated telephone set, at the customer's option, at no additional charge or rate;
 - (7) is offered with the following power options at no additional charge or rate according to these provisions.
 - (8) Company-provided A.C. transformer. Customer must provide one commercial power outlet per arrangement.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd) A. ALARM COUPLER EQUIPMENT (Cont'd)
 - Customer-provided D.C. power source.
 - Company-provided A.C. transformer, with a customer-provided rechargeable battery connected to the Company's transformer to provide emergency service during commercial power outages.
 - (8) may not function properly if more than one telephone set is associated with the line terminated on the alarm coupler equipment.
 - 2. Rates
 - a. Alarm Coupler Equipment

	Installation Monthly		
Type A - arranged for one-way voice only transmission for prerecorded messages	<u>Charge</u>	<u>Rate</u>	<u>USOC</u>
- Each unit equipped	\$28.00	\$3.10	CAU
Type B - arranged for two-way voice only transmission			
 Each unit equipped 	\$28.00	\$3.40	SU6
Type C - tone signal unit for testing an alarm device from a remote location			
 Each unit equipped 	\$14.00	\$3.10	SU3
Type D - arranged for two-way voice only transmission			
 Each unit equipped 	\$80.00	\$9.50	SU6AQ

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)
- B. AUTOMATIC DIALER COUPLER EQUIPMENT
- 1. Regulations
 - a. Automatic dialer coupler equipment will be furnished for use with any dial equipped, or non-dial telephone, at rates which are in addition to the charge and rate for:
 - (1) Business and residence individual line service,
 - (2) PBX stations.
 - (3) Centrex stations,
 - (4) Wide area telephone service (WATS)/1/,

(C)

- (5) Foreign exchange service,
- (6) Private line telephone service (where facilities and operating conditions permit), and
- (7) Intercommunicating system service (where facilities and operating conditions permit).
- b. Automatic Dialer Couplers Type A and B:
 - (1) are furnished to permit connection of suitable customer-provided D.C. dial pulse automatic dialing equipment to facilities of the Company;
 - (2) are activated by the customer-provided automatic dialing equipment;
 - (3) when activated, transmit dial pulses received from the customer-provided automatic dialing equipment;
 - (4) require an associated Company-provided telephone;
 - (5) require a suitable housing, enclosure or location furnished, installed and maintained by the customer in a manner satisfactory to the Company;
 - (6) are not offered for use with Touch-Tone service.
- c. The Type A automatic dialer coupler equipment requires suitable power furnished by the customer-provided automatic dialing equipment.
- d. The Type B automatic dialer coupler equipment offers the following power options at no additional charge or rate according to these provisions.

/1/ Effective December 31, 2021, WATS and 800 Service are withdrawn for residential customers.

(N)

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd) B. AUTOMATIC DIALER COUPLER EQUIPMENT (Cont'd)
 - (1) Company-provided A.C. transformer. Customer must provide one commercial power outlet per automatic dialer coupler equipment.
 - (2) Customer-provided D.C. power source.
 - (3) Item (1) above, with a customer-provided rechargeable battery connected to the Company's A.C. transformer to provide emergency service during commercial power outages.
 - 2. Rates and Charges a. Automatic Dialer Coupler

Equipment

Arrangement to permit the connection of customer-provided D.C. dial pulse automatic dialing equipment to telephones of the Company.

	Installation <u>Charge</u>	Monthly <u>Rate</u>	<u>USOC</u>
Type A			
 Each telephone set 	\$42.00	\$3.10	SU7
Туре В			
 Each telephone set 	49.00	5.25	SU7QW

C. CALL DURATION TIMER EQUIPMENT

1. Regulations

a. Call duration timer equipment connecting arrangements will be furnished at rates which are in addition to the rates for business or residence individual line service, PBX station, Centrex station, WATS, tie line or exchange trunk line service with which it is associated.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)
- C. CALL DURATION TIMER EQUIPMENT (Cont'd)
 - b. customer-provided call duration timer equipment must comply with the minimum protection criteria specified for customer-provided voice transmitting equipment in Part 2, Section 9 of this Guidebook.
 - 2. Rates and Charges
 - a. Call Duration Timer equipment

Arrangement to permit connection of a customer-provided call duration timer with facilities of the Company

Installation Charge Monthly Rate

USOC

For voice circuits terminated in station equipment, PBX systems or manual terminations in Centrex attendant positions.

\$7.00	\$3.10	RTT
7.00	5.00	RTS
	,	

D. DATA ACCESS ARRANGEMENTS

- 1. Regulations
- a. Individual business and residence lines, WATS access lines, PBX stations lines and Centrex stations lines of the Company will be furnished in conjunction with arrangements for the connection of customer-provided equipment and facilities subject to the following provisions.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd) D. DATA ACCESS ARRANGEMENTS (Cont'd)
 - (1) An uninterrupted connection to another station within the same exchange or local calling area in a contiguous exchange which permits the use of the facilities in a manner similar to private line service is considered to be an abuse of service and is subject to the provisions of Part 2, Section 2 of this Guidebook.
 - (2) The service is for the customer's private use specified in Part 2, Section 2 of this Guidebook.
 - b. Where a data access arrangement is furnished in connection with customer-provided terminal equipment and such terminal equipment is used for both voice and data communication, the data access arrangement may be used to connect the customer-provided equipment for voice communication.
 - c. Unattended Data Access Arrangement (USOCs CDT, CBT, CBV and CBS):
 - is intended for use with customer-provided data transmitting and/or receiving terminal equipment capable of automatic unattended origination, answer and disconnection of telephone calls; and
 - (2) when a Company-provided telephone station is furnished, at the customer's option, voice transmission capabilities may be offered without the addition of a voice connecting arrangement.
 - d. Unattended Data Access Arrangement (USOCs CBT, CBV):
 - (1) is not intended for use with customer-provided computer installations;
 - (2) requires suitable D.C. power to operate, provided either by the customer or the Company;
 - (3) is intended for use with customer-provided data terminals capable of D.C. dial pulse or tone address signalling.
 - e. Unattended Data Access Arrangement (USOC CBS):
 - (1) requires commercial power, and

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd) D. DATA ACCESS ARRANGEMENTS (Cont'd)
 - (2) at the customer's option, may be furnished with an automatic calling unit at the charge and rate as specified in the appropriate sections of this Guidebook.
 - 2. Rates and Charges
 - a. Dial Access Arrangements

For connection of customer-provided data transmitting and/or receiving equipment or communications systems as specified in 2.9.1.2 and 2.9.1.3 of this Guidebook.

	Installation <u>Charge</u>	Monthly <u>Rate</u>	<u>USOC</u>
Each arrangement for manual operation	\$49.00	\$2.10	CDT
Arrangement for unattended sending and/or receiving through a contact closure type interface			
 Each arrangement not equipped with D.C. power supply unit 	60.00	4.50	CBT
 Each arrangement equipped with D.C. power supply unit 	38.00	2.10	CBV
Arrangement for unattended sending and receiving and/or for use with Company or customer-provided automatic calling units			
 Each arrangement equipped with D.C. power supply unit 	48.00	6.25	CBS

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)
 - E. CALL VOLUME INDICATION AND TIMING ARRANGEMENT COUPLERS
 - 1. Regulations
 - a. These arrangements:
 - may be used with customer-provided equipment arranged to measure both inward and outward traffic. Number identification on inward traffic is not offered.
 - (2) They are not offered for use with:

Centrex service, Touch-Tone service, Private line telephone service lines or channels, Tie line service, and Customer-provided communications systems.

(3) include one voice interconnecting unit associated with a Company-provided line on which traffic is to be measured, one interface connecting block¹ and facilities connecting them.

The voice interconnecting unit and interface connecting block must be on the same premises. The interface connecting block may be located a distance from the voice interconnecting unit not to exceed 50 feet route measurement.

This unit may not provide completely accurate measurement on lines served from electronic switching system (ESS) No. 1 central offices (CO).

NOTE 1: An interface connecting block is that point where the customer-provided device is physically connected to the Company's facilities.

PART 2 - General Terms and Conditions SECTION 9 - Connections

2.9. CONNECTIONS OF PREMISES EQUIPMENT TO EXCHANGE SERVICES

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd) E. CALL VOLUME INDICATION AND TIMING ARRANGEMENT COUPLERS (Cont'd)
 - 2. Rates and Charges
 - a. Call Volume Indication and Timing Arrangement Couplers

Arrangements to permit the connection of customer-provided traffic measurement equipment to CO trunk lines, PBX station lines, business and residence individual line service and WATS^{/1/} lines terminated in Company-provided D.C. dial pulse equipment

(C)

	Installation <u>Charge</u>	Monthly <u>Rate</u>	<u>USOC</u>
For customer-provided equipment arranged to register elapsed time and calling volumes			
- Each line arranged	\$31.00	\$1.90	CIV
For customer-provided equipment arranged to register elapsed time, calling volumes and called number			
Each line arranged	22.00	1.10	RCX

F. ELECTROCARDIOGRAPH AND ELECTROENCEPHALOGRAPH EQUIPMENT

- 1. Regulations
- a. This equipment will be furnished at a rate which Is in addition to the charge and rate for the business or residence individual line, PBX station or Centrex station excluding coin box service with which it is associated.

/1/ Effective December 31, 2021, WATS and 800 Service are withdrawn for residential customers.

(N)

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)

F. ELECTROCARDIOGRAPH AND ELECTROENCEPHALOGRAPH EQUIPMENT (Cont'd)

- b. Terminals are furnished for the direct connection of the customer's equipment with this equipment including cord for connection to Company facilities where portable installations are provided.
- c. Network interfaces to permit connection of portable protective equipment will be furnished under Part 2. Section 9 of this Guidebook.
- d. Equipment provided by members of the medical profession and hospitals for the transmission and reception of electrocardiograms and electroencephalograms used in connection with medical diagnosis and treatment may be connected to lines of the Company by means of protective connection arrangements furnished by the Company.
- e. Protective equipment for direct connection of customer's equipment may be used in connection with any classification of business service furnished to members of the medical profession and hospitals including joint user service, except party line and coin box service. Portable protective equipment may be used also at PBX stations in hospitals, subject to the consent of the hospital concerned.
- f. Data access arrangements, as specified in c. above may be used with customer-provided electrocardiograph and electroencephalograph equipment.

2. Rates and Charges

a. Protective connection equipment including connection equipment, single monitoring receiver and key

	Monthly <u>Rate</u>	USOC
Each permanent installation Each portable installation	\$1.85 1.85	367 667

(C)

2.9. CONNECTIONS OF PREMISES EQUIPMENT TO EXCHANGE SERVICES

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)
 - I. KEY TELEPHONE SYSTEM
 - 1. Regulations
 - a. This arrangement:
 - (1) is offered for use with business and residence individual line service, foreign exchange service, WATS/1/, PBX and Centrex station lines and private line telephone service and channels;
 - (2) may be used to connect exchange trunk line service to customer-provided communications systems that are similar to services offered by the Company for use with exchange trunk line service,
 - for use with trunks arranged for one or two way operation to or from an attendant position, and one way out from switching equipment;
 - for use with loop start trunks not arranged for central office call restriction;
 - (3) is offered for use with Touch-Tone service. Charges, rates and conditions for Touch-Tone service apply as shown in Part 4, Section 2 of this Guidebook;
 - (4) is offered with a Company-provided telephone set, at the customer's option, at no additional charge when the arrangement is used with business or residence individual line service;
 - (5) is not for use in transmitting data;
 - (6) is not for use in recording two-way telephone conversations;
 - (7) may be used to connect customer-provided equipment other than key telephone systems.
 - b. Customer must provide commercial power for Company-provided power supply.

/1/ Effective December 31, 2021, WATS and 800 Service are withdrawn for residential customers.

ATT TN NV-21-0035 EFFECTIVE: December 31, 2021

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd) I. KEY TELEPHONE SYSTEM (Cont'd)
 - 2. Rates and Charges
 - a. Arrangement to permit the automatic connection of customer-provided key telephone systems to facilities of the Company

	Installation <u>Charge</u>	Monthly <u>Rate</u>	<u>USOC</u>
 Common equipment with a capacity for one line, including one line equipment, without power 	\$ 90.00	\$10.25	STPAA
 Common equipment with a capacity for 14 lines, including one line equipment, without power 	120.00	17.50	STPAB
- Each additional line equipment installed at the same time the common equipment is installed	9.00	3.80	STPAC
Subsequent installations:			
- First line equipment	20.00	3.80	STPAD
Each additional line equipment installed at the same time Power guntly:	9.00	3.80	STPAE
Power supply: - For a maximum of 7 lines - For a maximum of 14 lines	16.00 24.00	2.20 5.00	Y7P Y4P

Customer must provide commercial power outlet.

2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)

2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)

J. PAGING SYSTEMS

1. Regulations

Customer-provided paging systems, which include amplifiers, receiving speakers, and associated wiring used to transmit paging messages or announcements in one direction only, may be used in connection with Company facilities for PBX and key equipment systems subject to the following provisions.

- a. Connection of customer-provided paging systems with facilities of the Company shall be made only through connecting equipment or arrangements furnished by the Company. The connecting equipment or arrangements will include a connecting block or equivalent to which the customerprovided paging system will be connected.
- b. Company facilities when so connected may be used only to transmit messages or signals to customer-provided paging systems. Such paging systems may not be used to originate messages into Company facilities nor may they be used for the reception of local or toll calls.

c. USOC 1LPJP

- (1) This arrangement will access customer-provided paging equipment via Com Key[®] dial intercommunicating paths.
- (2) This arrangement will have the interface point connecting block located no more than 25 feet from the Com Key common equipment or amplifier.
- (3) This arrangement will require paging arrangement common equipment or amplifier at the applicable charges and rates specified in the appropriate section of this Guidebook.

2. Rates and Charges

 a. Channel to connect customer common equipment with loudspeaker equipment of same system but on different premises

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd) J. PAGING SYSTEMS (Cont'd)

- Each telephone grade local channel for one way transmissions ¹	<u>Charge</u> RR	USOC 1LPJP
- Each program grade local channel for one way transmission ²	Monthly <u>Rate</u> RR	
- Each control channel ³	RR	

K. RECORDING AND REPRODUCING EQUIPMENT

1. Regulations

Basis of Connection

- a. Connecting equipment is available for use with exchange, PBX and Centrex lines except that connecting equipment used for unattended operation is only available where full selective ringing is employed.
- NOTE 1: See Part 15, Section 2 for channel rates, mileage measurements and station installation charges.
- NOTE 2: See Part 15, Section 2 for channel rates, mileage measurements, installation and equalization charges (same as for Type F facilities).

NOTE 3: See Part 15, Section 2

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd) K. RECORDING AND REPRODUCING EQUIPMENT (Cont'd)
 - b. Customer-provided recording, reproducing and automatic answering and recording equipment shall not be used to interconnect any line or channel of the Company with any other communications line or channel of the Company or of any other person, except as expressly authorized in Part 2 Section 2 of this Guidebook, pertaining to broadcasting of recordings of telephone conversations.
 - c. Customer-provided recording, reproducing, and automatic answering and recording equipment may be connected with facilities of the Company only when and for so long as the customer subscribes to a sufficient number of telephone lines to handle adequately the volume telephone calls received without interfering with any of the services offered by the Company. In the event that the use of customer-provided equipment causes such interference, the Company shall have the right to discontinue service without prior notification to the customer.

d. Type B Coupler

- (1) This coupler is available for use with business and residence individual and party lines, and PBX and Centrex station lines and it may be used with customer-provided equipment that is arranged for unattended operation only when full selective ringing is employed.
- (2) This coupler is intended for use with customer-provided dictation recording equipment that is arranged to:
 - automatically answer incoming calls from the telecommunications network;
 - respond to voice and/or tone control signals from a remote telephone over the telecommunications network:
 - play back recorded dictation to a remote telephone over the telecommunications network;
 and
 - provide disconnect from the line when calling party hangs up.
- (3) This coupler is not intended for transmission of tones or data recording of two-way conversations.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)
- K. RECORDING AND REPRODUCING EQUIPMENT (Cont'd)
 - e. USOCs RDMZR, RDY
 - (1) These arrangements are intended for use with customer-provided equipment that is arranged to provide automatic disconnection from the line.
 - If the customer-provided equipment is not arranged for automatic disconnection, the RDMZR or RDY arrangement may be equipped to provide automatic disconnection at no additional charge or rate.
 - (2) These arrangements are offered with Company-provided telephone set at the customer's option.
 - (3) These arrangements are offered for use with:
 - business and residence individual line service, PBX and Centrex station lines;
 - two party line service where full selective ringing is employed;
 - private line telephone service where facilities and operating conditions permit.
 - (4) These arrangements offer the following power options at no additional charge or rate:
 - Company-provided A.C. transformer customer must provide one commercial power outlet per arrangement;
 - Customer-provided D.C. power source;
 - Utility provided A.C. transformer with a customer-provided rechargeable battery to provide emergency power in the event of a commercial power outage.
 - (5) These arrangements are not offered for transmission of data and recording of two-way telephone conversations.

PART 2 - General Terms and Conditions SECTION 9 - Connections

2.9. CONNECTIONS OF PREMISES EQUIPMENT TO EXCHANGE SERVICES

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)
- K. RECORDING AND REPRODUCING EQUIPMENT (Cont'd)
 - f. USOCs GTSAA, GTSAB
 - (1) These arrangements are offered for use with:
 - business and residence individual line service,

– WATS^{/1/},

(C)

(N)

- Foreign Exchange Service, and
- PBX and Centrex station lines.
- (2) These arrangements are intended for use with customer-provided equipment that is designed to recognize and respond to ringing signals, and to provide timed cycle or voice control disconnect features.
- (3) These arrangements require one customer-provided commercial power outlet per arrangement.
- (4) These arrangements are not offered for transmission of data and recording of two-way telephone conversations.

2. Rates and Charges

a. Recorder coupler

-Type A, for the connection of serioduction, and automatic answering and recording equipment with the facilities of the Company

/1/ Effective December 31, 2021, WATS and 800 Service are withdrawn for residential customers.

ATT TN NV-21-0035 EFFECTIVE: December 31, 2021

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)
- K. RECORDING AND REPRODUCING EQUIPMENT (Cont'd)

	Installation Charge	Monthly <u>Rate</u>	<u>USOC</u>
-Type B, arranged for two-way voice only transmission	\$28.00	\$4.70	RDM
b. Arrangements to permit the automatic connection of customer-provided recording, reproducing, automatic answering and recording equipment, and dictation systems to facilities of the Company			
- Each line arranged	41.00	4.60	RDMZR
- Each line arranged where receive volume limiting is required	45.00	5.75	RDY
c. Arrangements to permit the automatic connection of customer-provided answering sets, one-way recording equipment and dictation systems to facilities of the Company			
Non button telephone set			
- Each line arranged	55.00	3.00	GTSAA
Key telephone systems			
- Each line arranged	60.00	3.50	GTSAB

- L. TELEPHONE SET VOICE CONNECTING ARRANGEMENTS
- 1. Regulations
- a. This arrangement (USOC STC) is offered for use with:
- (1) Business and residence individual line service,

PART 2 - General Terms and Conditions **SECTION 9 - Connections**

2.9. CONNECTIONS OF PREMISES EQUIPMENT TO EXCHANGE SERVICES

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)
- L. TELEPHONE SET VOICE CONNECTING ARRANGEMENTS (Cont'd)
 - (C) (2) WATS/1/

 - (3) Foreign Exchange Service, and
 - (4) PBX station lines. (See b.3. below),
 - b. USOC STC
 - (1) This arrangement is for connecting customer-provided non-button telephone sets to facilities of the Company listed in a. above.
 - (2) This arrangement is for connecting customer-provided non-button telephone sets as extension stations to primary stations furnished by the Company.
 - (3) In those cases where a customer chooses to terminate a PBX station line on an STC arrangement with no Company-provided PBX station on that line, the charge and rate for each working station line is applicable as specified in Part 6, Section 1 of this Guidebook.
 - (4) This arrangement may be used to connect customer-provided key telephone systems to facilities of the Company, with the following limitations:
 - customer-provided key telephone systems arranged for bridged ringing will not function properly;
 - customer must provide power for customer-provided key telephone systems larger than 4 lines or 8 stations:
 - customer must provide wall, or other mounting surface space, measuring 10 inches by 10 inches for each connecting arrangement.
 - (5) This arrangement is not specifically offered for connection of:
 - customer-provided multi-button telephone sets as extension on Company-provided key telephone systems;
 - customer-provided key telephone system to lines terminated on a Company-provided key telephone system. The limitations specified in (4) above will also apply;

/1/ Effective December 31, 2021, WATS and 800 Service are withdrawn for residential customers.

EFFECTIVE: December 31, 2021

(N)

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd) L. TELEPHONE SET VOICE CONNECTING ARRANGEMENTS (Cont'd)

If a customer chooses to use this arrangement for either of the two above-mentioned connections, his and/or the Company-provided equipment may not function properly.

- (6) This arrangement offers the following power options at no additional charge or rate:
 - Company-provided A.C. transformer customer must provide one commercial power outlet per arrangement;
 - Customer-provided D.C. power source;
 - Company-provided A.C. transformer with a customer-provided rechargeable battery connected to the Company's transformer to provide emergency service during commercial power outages.
- (7) This arrangement is offered with Company-provided telephone set, at the customer's option, to provide emergency service during commercial power outages.

One voice connecting arrangement (STC) associated with a line at the Company-provided equipment location, one interface point¹ connecting block and facilities connecting them are included.

The voice connecting arrangement and interface point connecting block must be on the same premises.

- c. The rates are in addition to the rates for service of the class, type and grade ordered.
- d. USOC C1X
 - (1) This arrangement applies in those installations where a customer wishes to connect more than one telephone set to a specific Company-provided line or lines. The customer may, however, choose to run his own cable from the interface point connecting block in lieu of the C1X arrangement.

NOTE 1: An interface point is that point where the customer-provided equipment is physically connected to the Company's facilities.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd) L. TELEPHONE SET VOICE CONNECTING ARRANGEMENTS (Cont'd)
 - (1) This arrangement will accommodate from 1 to 5 lines. If a customer wishes to connect multibutton telephone sets to more than 5 lines, an additional C1X arrangement applies for each additional 5 lines or less.
 - (2) This arrangement includes a maximum of 300 feet of cable, route measurement, terminated in an interface point connecting block.

2. Rates and Charges

a. Arrangement to permit the automatic connection of customer-provided telephone sets to facilities of the Company

	Installation <u>Charge</u>	Monthly <u>Rate</u>	USOC
 For use with the first customer- provided telephone set 			
Each line arranged	\$ 55.00	\$5.75	STC
Multiple arrangements	29.00	1.20	C1X

M. TELEPHOTOGRAPH CONNECTING ARRANGEMENTS

1. Regulations

- a. This equipment is furnished at the rate which is in addition to the rate for the business or residence individual line, PBX station or Centrex station excluding coin box service with which it is associated.
- Terminals are furnished for the direct connection of the customer's equipment with protective and amplifier equipment, including cord for connection to Company facilities where portable installations are provided.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd) M. TELEPHOTOGRAPH CONNECTING ARRANGEMENTS (Cont'd)
 - c. Jacks and associated plugs, to permit connection of portable protective connection equipment only, may be provided in lieu of instruments on extension and PBX station lines at the regular station rate. The provision of jacks and plugs to be used with a portable telephone in addition to the connection of portable protective connection equipment, is subject to the charges and terms and conditions applicable to jack and plug equipment under the exchange service schedule effective in the exchange at which the equipment is furnished.
 - d. No direct physical connection of the telephotograph equipment shall be made to the facilities of the Company or its connecting companies except where special equipment is provided by the Company or a connecting company for this purpose.
 - e. Protective equipment for direct connection of telephotograph equipment may be used in connection with any classification of business service, including joint user service, except party line and coin box service. Portable protective equipment may be used also at PBX stations in guest rooms of hotels, subject to the consent of the hotel concerned.
 - f. Data access arrangements, as specified in D. above may be used with customer-provided telephotograph equipment.

2. Rates and Charges

a. Protective equipment and amplifier equipment for use in connection with customer-owned telephotograph equipment

	Installation <u>Charge</u>	Monthly <u>Rate</u>	<u>USOC</u>
Protective connection equipment including connection equipment, single monitoring receiver and key			
- Each permanent installation	NO	\$1.20	367
- Each portable installation	NO	1.20	667

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)
- M. TELEPHOTOGRAPH CONNECTING ARRANGEMENTS (Cont'd)

	Installation	Monthly	
	<u>Charge</u>	<u>Rate</u>	<u>USOC</u>
Amplifier equipment (including voice frequency	\$35.00	\$12.50	28U
amplifier, bridging network and output meter) for			
simultaneous transmission of telephotograph signals			

N. VOICE CONNECTING ARRANGEMENTS

over 4 lines or less

1. Regulations

- a. Business and residence individual lines, WATS access lines, PBX trunk lines, PBX station lines and Centrex station lines of the Company, as appropriate, will be furnished in conjunction with voice connecting arrangements subject to the following provisions .
 - (1) An uninterrupted connection to another station within the same exchange or local calling area in a contiguous exchange which permits the use of the facilities in a manner similar to private line service is considered to be an abuse of service and is subject to the provisions of Part 2, Section 2 of this Guidebook.
 - (2) The service is for the customer's private use as specified in Part 2, Section 2 of this Guidebook.
- b. These connecting arrangements (USOCs CDA, CDI, CD6, CD7, CD9 and CD8) are offered for use with customer-provided communications systems that are similar to services offered by the company for use with exchange trunk line service.

Minimum service requirement will consist of two trunk lines and the associated connecting arrangements

- 2.9.1 CONNECTIONS, OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd) N. VOICE CONNECTING ARRANGEMENTS (Cont'd)
 - c. Lines from a customer-provided communications system may be terminated in stations of a Company-provided key telephone system at charges applicable to each extension station, except for the following provisions.
 - (1) Where customer-provided visual and audible line signaling equipment is provided, such equipment will be external to the key telephone system stations and will render the holding feature of the key telephone system stations inoperative.
 - (2) Talking battery power must be furnished by the customer-provided equipment.
 - (3) The Company-provided key telephone stations are furnished according to the special conditions as specified in appropriate sections of this Guidebook. A Company-provided key telephone station may be provided to terminate lines from a customer-provided communications system according to Part 68 of the FCC Rules and Regulations.

A station is not included with such line.

- d. A control station is a Company-provided key telephone set arranged for hold, and has the ability to originate and terminate a conference call.
- e. In those installations where the customer has more than one conferencing device he may elect to run his own cable from an initial Company-provided interface point to his conference device, or use the Multiple Interface Point Arrangement in rates below.
- f. USOC C2ACP
 - (1) These arrangements are offered at the charges and rates which are in addition to the charge and rate for regular exchange services offered.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd) N. VOICE CONNECTING ARRANGEMENTS (Cont'd)
 - (2) These arrangements require suitable power furnished by the customer,
 - g. USOCs PFB, PFC
 - (1) These arrangements are offered for use with voice connecting arrangements (USOCs CDH, CD7, CD8, and CD9).
 - (2) These arrangements are offered at the above charges and rates which are in addition to the charges and rates for PBX stations as specified as appropriate in this Guidebook.
 - h. USOC PFB
 - (1) This arrangement may be used with key telephone system service at charges and rates as specified as appropriate in this Guidebook.
 - i. USOC PFC
 - (1) This arrangement may include an optional indicator lamp at charges and rates for lamps as specified as appropriate in this Guidebook. The lamp provides visual indication when commercial power has been restored.
 - 2. Rates and Charges

Installation Monthly
Charge Rate USOC

Arrangement to permit connection of a customer-provided attendant position to an exchange trunk line

Each manual arrangement, at a cord switchboard:

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)
- N. VOICE CONNECTING ARRANGEMENTS (Cont'd)

		Installation <u>Charge</u>	Monthly <u>Rate</u>	<u>USOC</u>
	ioned to accept customer- ed supervisory signals	\$60.00	\$2.00	CDA
	nditioned to accept customer- ed supervisory signals	55.00	2.00	CD1
b.	Arrangement to permit connection of a customer-provided attendant position to an exchange trunk line			
C.	Per automatic arrangement provided in connection - Inward Service - Outward Service - Two-way Service Arrangement to permit connection of customer-provided switching equipment to an exchange trunk line	with: 85.00 110.00 150.00	2.80 3.90 5.25	CD6 CD7 CD9
	Each automatic arrangement provided in connection with: - Outward Service	90.00	3.90	CD8

 d. Arrangement to permit connection of customer-provided switching equipment and attendant positions to an exchange trunk line

Each automatic arrangement provided in connection with:

$2.9.1\,$ CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)

2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)

N. VOICE CONNECTING ARRANGEMENTS (Cont'd)

	Installation <u>Charge</u>	Monthly <u>Rate</u>	<u>USOC</u>
- Two-way service (outward only from switching equipment)	\$150.00	\$5.25	CDH
e. Arrangements to permit automatic connection of customer-provided voice transmitting and/or receiving terminal equipment to facilities of the Company			
For connection of customer-provided key telephone systems to individual business or residence line service			
- Each line arranged	49.00	4.70	C2ACP
f. Arrangement to transfer, during periods of commercial power failure, CO trunks (normally connected to a customer-provided system) to Company-provided telephone sets			
Each automatic arrangement to handle up to four trunks with immediate restoral	35.00	3.10	PFB
Each automatic arrangement to handle one trunk with delayed	27.00	2.40	PFC
Each key for ground start operation, where required 1	RR	RR	CUT

NOTE 1: Charges and rates as shown in Part 13, Section 2 of this Guidebook.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 3.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)
- P. MISCELLANEOUS CONNECTING ARRANGEMENTS
- 1. Rates and Charges
 - a. Termination of customer-provided channels, with customer-provided channel signaling, in Company-provided PBX or Centrex systems

	Installation <u>Charge</u>	Monthly <u>Rate</u>	USOC
Where customer-provided channels terminate in the same room as Company-provided equipment:			
Two-wire channels			
- Each PBX termination	\$27.00	\$4.70	C27
Each Centrex termination ¹	27.00	4.70	C2K
Four-wire channels			
- Each PBX termination	60.00	10.25	C24
- Each Centrex termination	60.00	12.75	C2H
Where customer-provided channels terminate in different rooms that the Company-provided equipment, but in the same building			
- Each termination ²	11.00	2.10	C2G

NOTE 1: Rate applies only when the switching equipment is on customer premises.

NOTE 2: Rate applies in addition to rate shown for two-wire or four-wire channels.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)
 - Q. IDENTIFICATION OF OUTWARD DIALING
 - 1. Regulations
 - a. USOC C25
 - This arrangement is for use with customer-provided communications systems, that are similar to Company-provided services offered for use with identification of outward dialing (IOD) service.
 - (2) This arrangement is for use with IOD service as specified in Part 6, Section 1 of this Guidebook.
 - (3) This arrangement accepts trunk and station number information from customer-provided automatic number identification equipment, on outward dialed calls, for transmission to the Company's message accounting equipment.
 - (4) This arrangement requires commercial power provided by the customer.
 - (5) This arrangement will be furnished at the charges and rates which are in addition to the charges and rates for IOD service with which it is associated.
 - (6) This arrangement is offered for use where facilities and operating conditions permit.
 - b. One IOD connecting arrangement has a capacity to handle the identification for up to 250 outgoing trunks depending on the call attempts and traffic load in the Company's CO.
 - c. One IOD connecting arrangement is required for each different prefix (NNX) code, assigned to an outward dialing trunk group subscribed to by the customer.

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)
- Q. IDENTIFICATION OF OUTWARD DIALING (Cont'd)
 - 2. Rates and Charges
 - Arrangement to permit the automatic connection of customer-provided identified outward dialing equipment to Company-provided message accounting equipment

	Installation <u>Charge</u>	Monthly <u>Rate</u>	USOC
- Each connecting arrangement	\$320.00	\$14.50	C25

R. DIRECT-IN-DIALING SERVICE

1. Description

Direct-in-dialing service (DID) includes CO switching equipment necessary for in-dialing from the exchange and message toll network directly to customer-provided dial switching equipment.

2. Regulations

- a. When equipment or service for other customers is requested, charges and rates based on costs involved to meet the individual requirements of each on a case by case basis will be made, where operating conditions and the availability of facilities permit.
- b. Intercept of numbers assigned to the customer that are vacant or not in use by the customer is the responsibility of the customer.
- c. Listings will be furnished according to Part 12, Section 1 of this Guidebook as it applies to PBX systems. DID numbers furnished herein may be listed at appropriate rates.

ATT TN NV-17-0008 EFFECTIVE: January 1, 2017

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)
- R. DIRECT-IN-DIALING SERVICE (Cont'd)
 - d. Customers will be required to subscribe to a sufficient number of trunks as determined by the Company for similar or equivalent systems in order to properly handle the traffic volume.
 - e. In addition to the charges and rates for other services and facilities, including charges and rates applicable to commercial and hotel manual and dial PBX flat rate service trunk rate and service connection charges as shown in Part 4, Section 2 of this Guidebook with which this service is associated also apply.

f. USOC C22

- (1) This arrangement is for use with customer-provided communications systems that are similar to Company-provided services that are offered for use with Direct-Dialing (DID) service..
- (2) This arrangement is for use with DID service as specified in Part 6, Section 1 of this Guidebook.
- (3) This arrangement provides dial pulse information to a customer-provided communications system for call completion purposes.
- (4) This arrangement provides voice service only and is not designed to accommodate data transmission.
- (5) This arrangement requires commercial power provided by the customer.
- (6) This arrangement will be furnished at the charges and rates which are in addition to the charges and rates for DID service with which it is associated.
- (7) This arrangement is offered for use where facilities and operating conditions permit.

3. Rates and Charges

 Equipment arrangement in the Company's Hawthorne CO to provide in-dialing from the exchange and message toll network directly to the Hawthorne Ammunition Depot customer-provided dial switching equipment

- 2.9.1 CONNECTIONS OF TERMINAL EQUIPMENT, MULTILINE TERMINATING SYSTEMS AND COMMUNICATIONS SYSTEMS (Cont'd)
- 2.9.1.23 CONNECTING ARRANGEMENTS APPLICABLE TO EXCHANGE SERVICE (Cont'd)
- R. DIRECT-IN-DIALING SERVICE (Cont'd)

	Common equipment for each 12 trunks or portion thereof in increments of 12 trunks ¹	Termination <u>Charge</u> \$900.00	Installation <u>Charge</u> \$900.00	Monthly <u>Rate</u> \$42.50	USOC P2C
_	Each DID trunk furnished	NO	210.00	10.00	TDD

 b. Arrangement to permit the automatic connection of a customer-provided communications system to a Company-provided DID service trunk

	Installation <u>Charge</u>	Monthly <u>Rate</u>	<u>USOC</u>
- Each trunk arranged	\$85.00	\$4.20	C22

NOTE 1: In case of disconnection of, or a reduction in, this service within a five year period, a basis termination charge, as shown above, reduced by (1/60) one-sixtieth for each full month or fraction thereof of service provided, shall be applied. Where a reduction in the service is requested, the last equipment arrangement provided shall be considered to be the first removed. Also, 1,000 numbers will be available for the use of the customer.