

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems

15.1.1 General Provisions

(A) General

Terminal equipment¹ and communications systems provided by the customer may be connected at the customer's premises to telecommunications services furnished by the Telephone Company where such connections are made in accordance with the provisions of this Section 15.1. Telecommunications services as used herein include Exchange Service (except coin service main stations), Long Distance Message Telecommunications Service (LDMTS) and Wide Area Telecommunications Service (WATS).

(B) 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 system shall require change in or alteration of the equipment or services of the Telephone Company, (unless that change or alteration is specifically permitted under the provisions of 15.1.6), cause electrical hazards to Telephone Company personnel, damage to Telephone Company equipment, malfunction of Telephone 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 such hazard, damage malfunction or degradation of service, the Customer shall make such changes as shall be necessary to prevent such condition.

(2) The customer shall be responsible for the payment of a Maintenance Service Charge per visit by the Telephone Company to the premises of the customer or ultimate user of telephone service or equipment where a service difficulty or trouble report is caused by customer-provided equipment or wiring. The charge applies whether the customer's equipment or wiring are connected in accordance with tariff regulations or not. Before any repair visit to premises where customer-provided equipment or wiring are connected in accordance with tariff regulations, the customer shall be advised that the Maintenance Service Charge will apply if trouble exists and is not caused by Company facilities.

¹It is the customer's responsibility to obtain the special modification needed for telephones connected to party line service before connecting the set.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.1 General Provisions (Cont.)

(C) Responsibility of the Telephone Company

- (1) The design, maintenance and operation of telecommunications services envision that communications will originate or terminate at one of the stations of the associated telecommunications service. Connections of Customer-provided systems may be made to telecommunications services. However, 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 telecommunication services, the responsibility of the Company shall be limited to the furnishing of service components suitable for the telecommunications services and for the design, maintenance and operation of service components in a proper manner for such services. Subject to this responsibility the Company shall not be responsible for (1) the through transmission of signals generated by the Customer-provided terminal equipment or communications systems or for the quality of, or defects in, such transmission, or (2) the reception of signals by Customer-provided terminal equipment or communications systems, or (3) address signaling where such signaling is performed by Customer-provided signaling equipment.
- (2) The Telephone 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 service, equipment, operations or procedures, where such action is not inconsistent with Part 68 of the Federal Communications Commission's Rules and Regulations. If such 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 such 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.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.1 General Provisions (Cont.)

(C) Responsibility of the Telephone Company (Cont.)

(4) When connections of telecommunications services are made to Customer-provided communications systems at premises where the Customer does not originate or terminate communications, the Company may require that the telecommunications services be furnished from a Telephone Company Central Office different than the Central Office designated by the Telephone Company to serve those premises, if the Company does not have adequate facilities to provide service from that Central Office. Under such circumstances, Foreign Exchange Line Mileage Charges as specified in the Company's Schedule of Rates & Charges apply between the Central Office that would normally service the Customer's premises and the Central Office from which the service is actually provided.

(D) Recording of Two-Way Telephone Conversations

Telecommunications services are not represented as adapted to the recording of two-way telephone conversations. However, Customer-provided voice recording equipment may be directly, acoustically or inductively connected with telecommunications services. When such connections are made, the Customer-provided voice recording equipment shall be so arranged that at the will of the customer it can be activated or deactivated. In addition, one of the following conditions must apply:

- (1) All parties to the telephone conversation must give their prior consent to the recording of the conversation, and the prior consent must be obtained in writing or be part of, and obtained at the start of the recording, in conformity with the Penal Code of Puerto Rico.
- (2) A distinctive recorder tone, repeated at intervals of approximately fifteen seconds, is required to alert all parties when the recording equipment is in use. The distinctive recording tone can be provided as part of (a) the recording equipment, (b) Customer-provided registered or grandfathered protective circuitry, or (c) grandfathered Telephone Company-provided connecting arrangement.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.1 General Provisions (Cont.)

(E) Violation of Regulations

(1) When any Customer-provided terminal equipment or communications systems is used with telecommunications services in violation of any of the provisions in this Section 15.1.1, the Company will take such immediate action, including disconnection of the service, as necessary for the protection of the telecommunications network and the Telephone Company employees, in accordance with General Provision No. V. The Customer shall discontinue such use of terminal equipment or communications systems 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 such use has ceased or that the violation has been corrected. Failure of the Customer to discontinue such use or to correct the violation and to file 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 provision of this tariff.

(F) Interpositioning of Customer-Provided Terminal Equipment and Communications System.

(1) Interpositioned Customer premises equipment arrangement (i.e., arrangements of terminal equipment and communications systems) are those arrangements which require that Telephone Company-provided equipment gain access to the telecommunications network through Customer-provided equipment.

(2) Customer-provided equipment may be interpositioned at the Customer's premises either between the Telephone Company-provided equipment and the telecommunications network or between items of Telephone Company-provided equipment. Telephone Company-provided equipment will be furnished in an interpositioned configuration for use with telecommunications services in accordance with the following:

a. Customer-provided equipment to be connected in an interpositioned configuration must meet the requirements of Part 68 of the Federal Communications Commission's Rules and Regulations.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connection of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.1 General Provisions (Cont.)

(F) Interpositioning of Customer-Provided... (Cont.)

b. The connections between equipment of the interpositioned configuration must conform to recognized standard interfaces such as those specified by the Electronics Industries Association (EIA) or authorized by Part 68 of the Federal Communications Commission Rules and Regulations.

c. Any premises wiring provided by the Customer must be furnished in accordance with the provisions of Part 68 of the Federal Communications Commission's Rules and Regulations.

d. The Telephone Company reserves the right to determine whether or not any individual interpositioned configuration is technically feasible and compatible with Telephone Company-provided services and equipment however, if such a configuration is provided:

1. The Company makes no representation as to the quality of transmission over an interpositioned configuration. Maintenance responsibility for Telephone Company-provided equipment so connected is limited to assuring that the Telephone Company-provided equipment is functioning properly.

2. When interpositioned connections are made, it shall be the responsibility of the Customer to ensure the continuing compatibility of the Customer-provided equipment with Telephone Company-provided services and equipment.

e. PBX Trunk Option

Customers have the option of ordering either PBX trunk service, ground start or loop start, to be connected to a customer-provided communications system, regardless of how the system is registered with the FCC. The customer is responsible for determining the compatibility of his system with the type of service requested.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.2 Connections of Registered Equipment

(A) Customer-Provided Registered Terminal Equipment, Registered Protective Circuitry and Registered Communications Systems

Customer-provided registered terminal equipment, registered protective circuitry, and registered communications systems may be directly connected at the Customer's premises to the telecommunications network, subject to Part 68 of the Federal Communications Commission's Rules and Regulations, Section 15.1.1 preceding and the following:

- (1) 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 requirement of Part 68 of the Federal Communications Commission's Rules and Regulations are continually satisfied.
- (2) The Company may discontinue service or impose other remedies as provided for in Part 68 of the Federal Communications Commission's Rules and Regulations for failure to comply with these provisions.
- (3) The Customer shall notify the Company in writing, of each line to which registered equipment is to be connected, 30 (thirty) days in advance of such connection and shall notify the Company when such registered equipment is permanently disconnected. The Customer shall provide the Company the Registration Number and Ringer Equivalence Number for the registered equipment. The customer shall also provide, when appropriate, the off-premises station port signaling capability of a PBX System.
- (4) The customer shall not connect registered equipment to a Telephone Company line if:
 - a. The Ringer Equivalence of such 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 Telephone Company, or
 - b. The ringer type is not a ringer type designated by the Telephone Company as suitable for that particular line.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.2 Connections of Registered Equipment (Cont.)

(A) Customer-Provided Registered... (Cont.)

(5) Unless a specific waiver has been granted by the Federal Communications Commission or except as otherwise provided in item (6). following, all connections of registered equipment to services furnished by the Company shall be made through Telephone Company -provided standard jacks; or, in the case of registered communications systems through a Standard Network Interface (SNI) or Network Interface (NI) as defined below, or through standard jacks wired in other than a standard manner, when non-standard wiring is agreed to be the Telephone Company.

a. Registered communications systems connecting to the Company network utilizing a SNI or NI must comply with the following:

1. One SNI or NI per line
2. Furnished at one location within the customer's premises
3. Accessible to the customer and the Company
4. Placed as close as possible to the protector or equivalent point, where the Company's facilities enter the premises.

b. The regulations and rates in Paragraph 15.2.2(B)(C)(D)(E)(F) and 15.2.3 pertaining to SNI and NI also apply.

(6) The requirement for the use of standard jack as described in d. preceding is waived for registered equipment which is located in hazardous or inaccessible locations.

(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.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.2 Connections of Registered Equipment (Cont.)

(B) Premises Wiring Associated... (Cont.)

(1) Premises Wiring is wiring which... (Cont.)

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 the equipment or connector housings) and registered as a component of and supplied to the customer 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 not 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 Federal Communications Commission'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 voltage or excessive longitudinal imbalance at the telephone network interface.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.3 Connections of Registered Equipment (Cont.)

(B) Premises Wiring Associated... (Cont.)

(1) Premises Wiring is wiring which... (Cont.)

- 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) Customer who intend to connect premises wiring other than fully protected premises wiring to the telephone network shall give advance notice to the Telephone Company in accordance with the procedures specified in Part 68 of the Federal Communications Commission's Rules and Regulations, or as otherwise authorized by the Federal Communications Commission.

(3) The Telephone Company may invoke extraordinary procedures specified in Part 68 of the Federal Communications Commission's Rules and Regulations where one or more of the following conditions are present:

- a. Information provided in the supervisor's certification gives reason to believe that a violation of Part 68 of the Federal Communications Commission'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 Federal Communications Commission'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 set forth in Part 68 of the Federal Communications Commission's Rules and Regulations.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.2 Connections of Registered Equipment (Cont.)

(C) Connections Involving National Defense and Security

In certain cases Part 68 of the Federal Communications Commission's Rules and Regulations permit the connection of non-Registered terminal equipment or communications systems to the telecommunications network, provided that the Secretary of Defense; the head of any other governmental department (having requested Federal Communications Commission approval); or their authorized representative certifies in writing to the Telephone Company that the connection is required in the interest of National defense and security; the equipment to be connected either complies with the technical requirements of Part 68 or will not cause harm to the telecommunications network or Telephone Company employees, and the work is supervised by an installation supervisor who meets the qualifications stated in Part 68.

15.1.3 Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems

(A) Direct Connections

- (1) Grandfathered Terminal Equipment and Communication Systems may remain directly connected and be moved and reconnected to the telecommunications network for the life of the equipment without registration and may be modified only in accordance with Part 68 of the Federal Communications Commission's Rules and Regulations, subject to the following:
 - a. The customer shall notify the Company when such grandfathered terminal equipment is to be connected and shall notify the Telephone Company when such grandfathered terminal equipment is to be permanently disconnected; such notification shall include a description of the equipment including the manufacturer's name, model number and type of equipment;
 - b. All such connections are made through Telephone Company-provided standard jacks or are otherwise connected by the Telephone Company;

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.4 Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems (Cont.)

(A) Direct Connection (Con.)

(1) Grandfathered Terminal Equipment... (Cont.)

- c. All such connections shall comply with the minimum protection criteria set forth in 15.1.3(B) following.
- d. Premises wiring shall conform to Part 68 of the Federal Communications Commission's Rules and Regulations;
- e. No changes may be made to equipment so connected except by the manufacturer thereof, or a duly authorized agent of the manufacturer;
- f. Additions to grandfathered communications systems may be made without registration of any additional equipment involved if;
 - 1. equipment so added is being reconnected, i.e., was previously directly connected prior to January 1, 1980 in accordance with Telephone Company Tariff; and
 - 2. such additions comply with the provisions of items (1)a. through (1)e. preceding.
- g. Additions of registered equipment to grandfathered communications systems are subject to paragraph 15.1.3.

- (2) 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 15.1.1 preceding.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.4 Connections Of Grandfathered Terminal Equipment and Grandfathered Communications Systems (Cont.)

(B) Minimum Protection Criteria for Electrical Connections

(1) To prevent excessive noise and cross-talk in the network it is necessary that the power of the signal at the central office not exceed 12dB below one milliwatt when averaged over any three second interval. To insure that this limit is not exceeded the power of the signal which may be applied by the Customer-provided equipment to the Telephone Company interface located on the Customer's premises will be specified for each Customer location but in no case shall it exceed one milliwatt.

(2) To protect other services, it is necessary that the signal which is applied by the Customer-provided equipment to the Company interface located on the Customer's premises meet the following limits:

a. The power in the band from 3,995 Hertz to 4,005 hertz shall be at least 18dB below the power of the signal as specified in a. above

b. The power in the band from: Shall not exceed:

4,005-10,000 Hertz	16dB below one milliwatt
10,000-25,000 Hertz	24dB below one milliwatt
25,000-40,000 Hertz	36dB below one milliwatt
Above-40,000 Hertz	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 Company interface located on the Customer's premises at no time have energy solely in the 2450 to 2750 Hertz band. If signal power is in the 2450 to 2750 Hertz band, it must not exceed the power present at the same time in the 800 to 2450 Hertz band.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.4 Acoustic or Inductive Connections

(A) General

- (1) 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 Telephone Company makes no representation as to the reliability of address signaling which is performed in such manner.

(B) Minimum Protection Criteria

- (1) To prevent excessive noise and cross-talk in the network, it is necessary that the power of the signal which is applied by the Customer-provided equipment to the network control signaling unit located on the Customer's premises be limited so that the signal power at the out-put of the network control signaling unit (i.e., at the input to the Telephone Company line) does not exceed 9dB below one milliwatt when averaged over any three seconds interval. However, to permit each Customer, regardless of distance from the central office to supply signal power which at the central office is approximately 12dB below one milliwatt when averaged over any three seconds interval, the Telephone 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 limits as specified in 15.1.3(B)(2) preceding, at the output of the network control signaling unit.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.4 Acoustic or Inductive Connections (Cont.)

(B) Minimum Protection Criteria (Cont.)

- (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 network control signaling unit shall at no time have energy solely in the 2450 to 2750 Hertz band. If there is signal power 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.

15.1.5 Accessories

Customer-provided accessories may be used with telecommunications services provided that such accessories comply with the provisions of item 15.1.1.(B) preceding.

15.1.6 Equipment-to-Equipment Connections

- (A) Equipment-to-equipment connections, as defined in this Tariff will only be permitted with Telephone Company-provided host terminal equipment and communications systems when:
 - (1) The supplier of the added equipment insures compliance of the combined host and added equipment, including wiring, with Part 68 of the Federal Communications Commission's Rules and Regulations and this Section 15.1.6.
 - (2) Connections of the added equipment to the host is made through a Telephone Company-provided interface which:
 - a. Provides all points of connection between the added equipment and wiring internal to host equipment housing.
 - b. Permits reasonable trouble isolation.
 - (3) The customer subscribing to the host notifies the Telephone Company of the added equipment and the host terminal equipment or communications systems to which such added equipment is to be connected, in advance of such connection, and agrees to notify the Telephone Company when such added equipment is permanently disconnected.

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ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.6 Equipment-to-Equipment Connections (Cont.)

- (B) The Telephone Company reserves the right, for good reason, to not allow, or to require disconnection of, an equipment-to-equipment connection to any Telephone Company-provided host terminal equipment or communications systems.
- (C) Rates and charges for equipment-to-equipment connection to Telephone Company-provided host terminal equipment and communications systems will be based on the costs attributable to the specific connection and/or disconnection involved.
- (D) The customer subscribing to the host will be responsible for the payment of the Maintenance Service Charge specified in this Tariff for visits by a Telephone Company employee to the customer's premises in response to a service difficulty or trouble report resulting from the addition of customer-provided equipment to Telephone Company-provided host terminal equipment or communications systems.

15.1.7 Connections of Customer-Provided Communications Systems Not Subject to Part 68 of the Federal Communications Commission's Rules and Regulations

- (A) Customer-provided communications systems not subject to Part 68 of the Federal Communication's Rules and Regulations may be connected with telecommunications services on a direct basis at the Customer's premises or at a location provided by the Customer, provided that:
 - (1) Minimum protection criteria set forth in item 15.1.3(B) preceding are complied with.
 - (2) The connection is made through a Service Terminating Arrangement furnished by the Telephone Company.
- (B) The service Terminating Arrangement provides a clearly delineated interface which facilitates the design, isolation and testing of the telecommunications service. (Where a protective connecting arrangement is required, the Service Terminating Arrangement is provided as part of the protective connecting arrangement.)

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.7 Connections of Customer-Provided Communications Systems Not Subject to Part 68 of the Federal Communications Commission's Rules and Regulations (Cont.)

(C) The connection is:

- (1) through switching equipment, or
- (2) directly to the Telephone Company-provided connecting arrangement if the Customer-provided communications system is arranged to promptly return the exchange telephone service to an idle (on-hook) state if the system fails. In addition, when the system fails, the Customer shall notify the Telephone Company.

15.1.8 Connections of Certain Facilities of the US Army, Navy and Air Force

(A) General

- (1) Except as otherwise provided in (2) following, 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 items 15.1.3 and 15.1.7 preceding, 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.

ADDITIONAL SERVICE STARRAIF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.8 Connections of Certain Facilities of the US Army, Navy and Air Force (Cont.)

(A) General (Cont.)

(2) Except as otherwise provided in (B) following, telephone facilities of the U.S. Department of the Army, Navy or Air Force, other than those described in a. preceding, may in lieu of the provisions of 15.1.3 and 15.1.7 preceding, be connected by means of switching or connecting equipment furnished by the Telephone Company, to a PBX switchboard or other telephone switching or terminal equipment, where the Secretary of the appropriate Department or his authorized representative notifies the Telephone 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 Telephone Company to furnish its facilities.

(3) Teletypewriter, telewire, data, facsimile, remote metering, supervisory control or miscellaneous signaling facilities of the aforesaid Departments will be connected to private line services or channels furnished by the Telephone Company for such purposes.

(B) Customer-provided terminal equipment and communications systems connected to the telecommunications network in accordance with Item 1. preceding prior to January 1, 1980 may remain connected and be removed and reconnected for the life of the equipment without registration unless subsequently modified. New installations of customer-provided terminal equipment and communications systems subject to Part 68 of the Federal Communications Commission's Rules and Regulations must be connected to the telecommunications network in accordance with 15.1.2 preceding.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.9 Connections of Facilities Furnished by the Customer which Involve Hazardous or Inaccessible Locations

- (A) Except as otherwise provided in item b. following, facilities furnished by the Customer which involve hazardous or inaccessible locations may be connected to the telecommunications network.
- (B) 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 Rules and Regulations, connected to the telecommunications network in accordance with a. preceding must conform with Part 68 of the Federal Communications Commission's Rules and Regulations.

15.1.10 Connections with Certain Facilities of Airline Companies and Federal Aviation Agency

- (A) Except as otherwise provided in item 2. following, facilities provided by an Air Common Carrier, its authorized communications agency, or the Federal Aviation Agency to communicate with aircraft in flight may, in lieu of the provisions of items 15.1.3 and 15.1.7 preceding, be connected, by means of connecting equipment furnished by the Telephone Company, to Telephone Company facilities located on the premises of the customer for exchange and message toll service in cases of emergency involving the safety of life and property.
- (B) Customer-provided terminal equipment and communications systems connected to the telecommunications network in accordance with (A) preceding prior to January 1, 1980 may remain connected and reconnected for the life of the equipment without registration unless subsequently notified. New installations of customer-provided terminal equipment and communications systems subject to Part 68 of the Federal Communications Commission's Rules and Regulations must be connected to the telecommunications network in accordance with 15.1.2 preceding.

15.1.11 Customer-Provided Automatic Answering and Recording Equipment and Automatic Answering Only Equipment

In addition to the regulations in 15.1.1 through 15.1.4 preceding, customer-provided automatic answering and recording equipment and automatic answering only equipment is furnished subject to the following:

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.1 Connections of Customer-Provided Terminal Equipment and Communications Systems (Cont.)

15.1.11 Customer-Provided Automatic Answering and Recording Equipment and Automatic Answering Only Equipment (Cont.)

- (A) Such equipment may be connected with facilities of the Telephone Company only when and for so long as the customer subscribes to a sufficient number of telephone lines to handle adequately the volume of telephone calls received without interfering with any of the services offered by the Telephone Company. In the event that the use of customer-provided equipment causes such interference, the Company shall have the right to discontinue service in accordance with General Provision, Section 6.
- (B) In the furnishing of recorder-coupler equipment for automatic announcement or answering service, the Company upon request, when given the telephone number of the line facilities connected to recorded-coupler equipment, will furnish the name address of the customer to the service.

15.2 Connection of Customer-Provided Premises Wiring

15.2.1 General

Premises Wiring provided by the Customer to connect non-key, one button¹ and one button plus (mechanical hold) telephones on business and residence individual line service, PBX - Service, Centrex-CO Service, and Centralized Switching Services, may be connected at the Customer's premises to telecommunications services furnished by the Company where such connections are made in accordance with the regulations of the Federal Communications Commission and the PRTC and the provisions of 15.2, Telecommunications Services as used herein include exchange service (except party line and coin services), Long Distance Message Telecommunications Service (LDMTS) and Wide Area Telecommunications Service (WATS).

¹Telephones capable of picking up two (2) lines without controlling equipment.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.2 Connection of Customer-Provided Premises Wiring (Cont.)

15.2.2 Regulations

(A) Combination of Company-Provided Wire and Customer-Provided Wire:

(1) Business and Residence Individual Line Service

- a. Customer-Provided premises wiring may be connected to Telephone Company facilities only at a Demarcation Point Arrangement (DPA) provided by the Company. The DPA is a wired outlet, consisting of (1) Type 1 station wire extending between the point of connection to an individual non-coin exchange access line and the outlet (2) a standard miniature modular jack. An existing wired outlet may be designated a DPA. The DPA shall be furnished at a location satisfactory to both the Customer and the Company.
- b. Where the establishment of a DPA requires a premises visit to install the station wire and jack, the corresponding installation charge will apply.
- c. More than one DPA may be furnished on the same business or residence service individual line at the Customer's request.

(2) PBX, Centrex-CO, and Centralized Switching Services

- a. Customer-provided premises wiring may be connected to Telephone Company facilities only at a company-provided Demarcation Point Arrangement (DPA). The DPA is a wired outlet consisting of either:
 - 1. a miniature modular jack and Type 1 station wire or
 - 2. a miniature ribbon connector
- b. The customer is responsible for providing all wiring and jacks beyond the DPA

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTECONNECT SERVICE (Cont.)

15.2 Connection of Customer-Provided Premises Wiring (Cont.)

15.2.2 Regulations (Cont.)

(A) Combination of Company-Provided Wire and Customer-Provided Wire: (Cont.)

(2) PBX, Centrex-CO, and Centralized Switching Services (Cont.)

- c. Company-provided telephones may be connected to Customer-provided wiring on the same premises as the DPA.
- d. Customer-owned premises wiring may not be provided on lines that appear in Company-provided Call Directors, Electronic Custom Telephone Service (ECTS) sets or key systems. Customer-owned premises wiring may not be connected between a company provided switch and company provided console or switchboard.
- e. Regulations 15.2.2(C) shown herein also apply when premises wiring is provided by the customer.
- f. When the miniature ribbon connector is used as the DPA, the following regulations also apply:
 - 1. The DPA should be located within 25 feet of the customer-provided distributing point.
 - 2. A mix of company-provided and customer-provided wire will not be allowed in the same miniature ribbon connector.
 - 3. A line associated with customer-provided premises wire may not have Company-provided multiple appearances at the same premises.
 - 4. The customer must provide the line position within the miniature ribbon connector. The customer must maintain a record of changes within the miniature ribbon connector.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.2 Connection of Customer-Provided Premises Wiring (Cont.)

15.2.2 Regulations (Cont.)

- (A) Combination of Company-Provided Wire and Customer-Provided Wire: (Cont.)
 - (2) PBX, Centrex-CO, and Centralized Switching Services (Cont.)
 - f. When the miniature ribbon connector... (Cont.)
 - 5. Company-provided wire behind the PBX, Centrex CO and Centralized Switching Services is saleable in accordance with existing procedures.
 - 6. Regulations concerning rewires or moves of lines within the miniature ribbon connector also apply to station connected to customer-provided premises wiring.
 - g. Where the establishment of a DPA requires a premises visit for installation, the corresponding installation charge will apply.
 - h. A mix of Company provided and customer-provided wire will not be allowed behind PBX Systems.
- (B) All customer-provided wire: Non-Coin Business Residence Individual Line Service, and Centrex CO Service:
 - (1) Customer -Provided wiring may be connected to Telephone Company facilities only at a Standard Network Interface (SNI) or Network Interface (NI) provided by the Telephone Company. The SNI consists of a standard registration jack loop test capability. The NI consists of a standard registration jack without loop test capability. The SNI or NI shall be furnished at a location within the customer's premises, accessible to the customer and as close to the protector or equivalent point, where the Telephone Company facilities enter the customer's premises, as practicable.
 - (2) When the establishment of an SNI or NI require a premises visit, the corresponding installation charge will apply.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.2 Connection of Customer-Provided Premises Wiring (Cont.)

15.2.2 Regulations (Cont.)

(C) All customers are also subject to the following:

- (1) The Company reserves the right to remove, in whole or in part, Company wire and jacks other than SNI, NI or DPA's.
- (2) Company-provided telephones and/or jacks may be connected to customer-provided wiring, on the same premises as the SNI, NI or DPA's.
- (3) The regulations in Section 15.1.1(F)(1) pertaining to location of extension service also apply to stations connected to customer-provided wiring.

(D) Responsibility of the Customer

- (1) The customer shall be responsible for the installation and maintenance of any customer-provided premises wiring and outlets connected to the SNI, NI or DPA. No customer-provided premises wiring shall require change in or alteration of the equipment or services of the Telephone Company, cause electrical hazards to Telephone Company personnel, damage to Telephone Company equipment, malfunction of Telephone Company billing equipment, or degradation of service to persons other than the customer of the subject premises wiring, his calling or called party. Upon notice from the Company that customer-provided premises wiring is causing or is likely to cause such hazard, damage, malfunction or degradation of service, the customer shall make such changes as shall be necessary to remove or prevent such hazard, damage, malfunction or degradation of service.
- (2) The customer shall be responsible for notifying the Company upon connection of customer-provided premises wiring to a Company-provided SNI, NI or DPA, in accordance with the procedures specified in Part 68 of the Federal Communications Commission's Rules and Regulations.
- (3) The customer shall be responsible for the payment of Maintenance Service Charge (as provided in Paragraph 15.1.1(B)(2) of this Section) for visits by a Telephone Company employee to the customer's premises when a service difficulty or trouble report result from the use of customer-provided premises wiring.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.2 Connection of Customer-Provided Premises Wiring (Cont.)

15.2.2 Regulations (Cont.)

(E) Responsibility of the Telephone Company

- (1) Telecommunications services are not represented as adapted to the use of customer-provided premises wiring. Where customer-provided premises wiring is used with telecommunications services, the responsibility of the Company shall be limited to the furnishing of service and service components suitable for its telecommunications services and to the maintenance and operation of service components.
- (2) The Company may make changes in its telecommunications service, equipment, operations or procedures, where such action is not inconsistent with Part 68 of the Federal Communications Commission's Rules and Regulations. If such changes can be reasonably expected to render any customer-provided premises wiring or outlets incompatible with telecommunications services, or require modification or alteration of such customer-provided premises wiring or outlets, or otherwise materially affect its use or performance, the customer will be given adequate notice to allow the customer an opportunity to maintain uninterrupted service.
- (3) The Company will make available for customers, excluding PBX, Centrex-CO, and Centralized Switching Service customers at the Company's public offices, standards and guidelines for customer-provided premises wiring in accordance with the Commission's Order.

(F) Violation of Regulations

When any customer-provided premises wiring is used with telecommunications services in violation of any of the provisions in 15.2, the Company will take such immediate action, including disconnection of the service, as necessary for the protection of the telecommunications network and the Telephone Company employees, in accordance with General Provisions, Section 5. The customer shall discontinue such use of the premises wiring 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 such use has ceased or that the violation has been corrected. Failure of the customer to discontinue such use or to correct the violation and to file 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 Tariff.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.4 Definitions

- 15.4.1 Accessories. Devices which are mechanically attached to, or used with, the facilities furnished by the Telephone Company and which are independent of, and not electrically connected to, the conductors in the communications path of the telecommunications system.
- 15.4.2 Communications System. Channels, and other facilities, which are capable when not connected to exchange and message toll telecommunications service, of two way communications between customer-provided terminal equipment or Telephone Company stations.
- 15.4.3 Connecting Arrangement. The protective equipment provided by the Company or the customer to accomplish the direct electrical connection of customer-provided facilities with the facilities of the Company, when such customer-provided equipment does not conform to Part 68 of the Federal Communications Commission's Rules and Regulations for direct connection of customer-provided registered terminal equipment.

¹Corresponding installation or move charge.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.4 Definitions (Cont.)

- 15.4.4 Customer-Provided and Maintained Equipment. Devices, apparatus and associated wiring provided by customer that may be interconnected to the toll and exchange network of the Telephone Company.
- 15.4.5 Customer-Provided Terminal Equipment. Devices or apparatus and their associated wiring, provided by a customer which do not constitute a communications system and which when connected to the communications path of the telecommunications system, are connected either electrically, acoustically or inductively.
- 15.4.6 Data Access Arrangement. A protective connecting arrangement for use with the network control signaling unit, or in lieu of the connecting arrangement, an arrangement for use with the network control signaling unit to identify a central office line and protective facilities and procedures to determine compliance with criteria set forth in this tariff.
- 15.4.7 Network Interface or Demarcation Point. The point of interconnection between telephone company communications facilities and terminal equipment, protective apparatus or wiring at a customer's premises. The network interface or demarcation point shall be located on the customer's side of the telephone company's protector, or the equivalent thereof in cases where a protector is not employed, as provided under the local telephone company's reasonable and nondiscriminatory standard operating practices.
- 15.4.8 Direct Electrical Connection. A physical connection of the electrical conductors in the communications path.
- 15.4.9 Equipment-to Equipment Connection. As used in 15.1.1(A), denotes the connection of equipment, which by itself is unregistrable for direct use with the telecommunications network, but is registrable or usable with host terminal equipment or communications systems which in turn may be registered in accordance with Part 68 of the Federal Communications Commission's Rules and Regulations for direct connection to the telecommunications network.
- 15.4.10 Grandfathered Communications Systems. As used in 15.1.1(A) denotes customer-provided communications systems (including their equipment, premises wiring and protective circuitry if any) connected at the customer's premises, in accordance with any telephone company's tariffs, and that are considered to be grandfathered under Part 68 of the Federal Communications Commission's Rules and Regulations because, such systems are 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.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.4 Definitions (Cont.)

15.4.11 Grandfathered Connections of Communications Systems. As used in 15.1.1 through 15.1.4, denotes connections via telephone company provided connecting arrangements of customer-provided communications systems (including their equipment and premises wiring) at the customer's premises, in accordance with any telephone company's tariffs, and that are considered to be grandfathered under Part 68 of the Federal Communications Commission's Rules and Regulations because, such connections to the telecommunications network are made via telephone provided connecting arrangements prior to January 1, 1980, and are of a type of connecting arrangement connected to the telecommunications network as of June 1, 1978.

15.4.12 Grandfathered Connections of Terminal Equipment. As used in 15.1.1(A), denotes connections via telephone company provided connecting arrangements of customer-provided terminal equipment connected at the customer's premises, in accordance with any telephone company's tariffs, and that are considered to be grandfathered under Part 68 of the Federal Communications Commission's Rules and Regulations because, such connections to the telecommunications network were made via telephone company provided connecting arrangements prior to July 1, 1979 and are the same type of connecting arrangements connected to the telecommunications network as of October 17, 1977.

15.4.13 Grandfathered Terminal Equipment. As used in Paragraph 15.1.1(A), denotes customer-provided terminal equipment (including protective circuitry if any) connected at the customer's premises, in accordance with any telephone company's tariffs, and that is considered to be grandfathered under Part 68 of the Federal Communications Commission's Rules and Regulations because, such 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.

15.4.14 Jack. A fixed socket provided by the Company designed to permit the establishment of a connection between terminal equipment with cords ending in plugs and the local exchange facilities.

15.4.15 Maintenance Service Charge. The charge applicable for each visit to a customer's premises in connection with a service difficulty when it is determined that the difficulty was due to a condition in a customer-provided terminal equipment, communications systems or wiring which is arranged for connection to Company facilities.

ADDITIONAL SERVICES TARIFF SCHEDULE (Cont.)

SECTION 15 - INTERCONNECT SERVICE (Cont.)

15.4 Definitions (Cont.)

15.4.16 Network Control Signaling. The transmission of signals used in the Telephone Company's exchange facilities which perform functions such as supervision (control, status, and charging signals), address signaling (dialing), calling and called number identification, audible tone signals (call progress signals indicating re order or busy conditions, alerting, coin denominations, coin collect and coin return tones) to control the operation of switching machines in the telecommunications system.

15.4.17 Network Control Signaling Unit. Terminal equipment furnished, installed and maintained by the Company or the customer for the provision of network control signaling.

15.4.18 Plug. A contact member on the end of an electrical cord which terminates the cord conductors. It can be inserted into a fixed jack, connector, or receptacle to make temporary connections with the conductor they terminate.

15.4.19 Registered Protective Circuitry. Separate, identifiable and discrete electrical circuitry designed to protect the telephone network from harm, which is registered in accordance with Part 68 of Federal Communications Commission's Rules and Regulations.

15.4.20 Registered Terminal Equipment. Terminal equipment which is registered with Part 68 of the Federal Communications Commission's Rules and Regulations.