Private Line Service Tariff Section 1 4th Revised Sheet 42 Replacing 3rd Revised Sheet 42

# **REGULATIONS**

# 1.6 CONNECTIONS-(Continued)

- 1.6.2 Connections of Registered Equipment-(Continued)
- D. The connection of customer-provided registered terminal equipment and registered PBX Systems may be made only at the premises of the customer to a Series 100, 300(1) or 400 Private Line Service furnished to provide indications of message registration of outgoing calls or Automatic Identification of Outward Dialing (AIOD) to such customer-provided equipment or systems.

In addition, customers who intend to install, perform additions to or make rearrangements of AIOD functions shall give advance notice to the Telephone Company in accordance with the procedures specified in the Federal Communications Commission's Rules and Regulations or as otherwise authorized by the Federal Communications Commission.

- (AT) E. Unless a specific waiver has been granted by the Federal Communications Commission, or except as otherwise provided in F., following, all connections of registered equipment to services furnished by the Telephone Company will be made through a point of demarcation. In most cases, this will be through a Telephone Company provided standard jack. For simple wiring where there is no Telephone Company provided standard jack at the Demarcation Point, customers may make connections by direct attachment to Company installed wiring at points on the customer's side up to and including at the Demarcation Point. In the case of registered communications systems utilizing complex wiring, a method of connection, jacks, terminal strips, etc., will be provided by the Telephone Company.
  - F. The requirement for the use of standard jacks as described in E., preceding, is waived for registered equipment which is located in hazardous or inaccessible locations.

(MT)

(MT)

(1) Obsolete-applicable to existing installations at existing locations for existing customers.

Issued: December 10, 1991 Effective: May 09, 1992

By A. D. ROBERTSON, Assistant Vice President-External Affairs

Southwestern Bell Telephone Company

St. Louis, Missouri

Private Line Service Tariff
Section 1
3rd Revised Sheet 42
Replacing 2nd Revised Sheet 42

REGULATIONS

DEC 29 1983

1.6 CONNECTIONS-(Continued)

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1.6.2 Connections of Registered Equipment-(Continued)

MISSOURI
Public Service Commission

D. The connection of customer-provided registered terminal equipment and registered PBX Systems may be made only at the premises of the customer to a Series 100, 300(1) or 400 Private Line Service furnished to provide indications of message registration of outgoing calls or Automatic Identification of Outward Dialing (AIOD) to such customer-provided equipment or systems.

In addition, customers who intend to install, perform additions to or make rearrangements of AIOD functions shall give advance notice to the Telephone Company in accordance with the procedures specified in the Federal Communications Commission's Rules and Regulations or as otherwise authorized by the Federal Communications Commission.

1.6.3 Connections of Grandfathered Terminal Equipment and Grandfathered
Communications Systems

A. Direct Connections

MAY 9 - 1992 BY 4th R.S. #42

- 1. Grandfathered terminal equipment and grandfathered Public Service Commission systems directly connected to the Private Line Services space Space in Paragraph 1.6.2, B., preceding, are subject to regulations in the Connections of Terminal Equipment and Communications Systems Section of the General Exchange Tariff. Such connections are subject to the minimum protection criteria set forth in Paragraph 1.6.4, F., following.
- 2. Grandfathered terminal equipment and grandfathered communications systems directly connected to the Private Line Services specified in Paragraphs 1.6.2, C. and D., preceding, on April 30, 1980, may remain connected for the life of the equipment without registration and may be modified only in accordance with the Federal Communications Commission's Rules and Regulations, subject to the following:
  - a. All such connections shall comply with the minimum protection criteria set forth in Paragraph 1.6.4, F., following.
  - b. No changes may be made to equipment so connected except by 500 the manufacturer thereof or a duly authorized agent of the MAN = 1 1934.

(AT) (1) Obsolete-applicable to existing installations at existing locations for existing customers.

Issued: DEC 29 1983

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Private Line Service Tariff Section 1 2nd Revised Sheet 42 Replacing 1st Revised Sheet 42

### REGULATIONS

1.6 CONNECTIONS-(Continued)

JAN 21 1981

- 1.6.2 Connections of Registered Equipment-(Continued)
  - The connection of customer-provided registered terminal equipment and registered PBX systems may be made only at the premises of the customer, authorized user or joint user to a Series 100, 300 or 400 private line service furnished to provide indications of message registration of outgoing calls or automatic identification of outward dialing (AIOD) to such customer-provided equipment or systems.

In addition, customers who intend to install, perform additions to or make rearrangements of AIOD functions shall give advance notice to the Telephone Company in accordance with the procedures specified in the Federal Communications Commission's Rules and Regulations or as otherwise authorized by the Federal Communications Commission.

1.6.3 Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems

### Direct Connections

(C)

- Grandfathered terminal equipment and grandfathered communications systems, directly connected to the private line services specified in 1.6.2, B, preceding are subject to 5.1.3, A, D and E, Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems, of the General Exchange Tariff. Such connections are subject to the minimum protection criteria set forth in 1.6.4, F, following.
- 2. Grandfathered terminal equipment and grandfathered communications systems, directly connected to the private line services specified in 1.6.2, C and 1.6.2, D, preceding on April 30, 1980, may remain connected for the life of the equipment without registration and may be modified only in accordance with the Federal Communications Commission's Rules and Regulations, subject to the following:
  - All such connections shall comply with the minimum protection
  - No changes had be made to equipment so connected except by the manufacturer thereof, or a duly authorized agent of the manufacturer.

PLIBLIC SERVICE COMMISSION OF MISSOURI

Issued: JAN 2 2 1991

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BY R. R. SHOCKLEY, Vice President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Private Line Service Tariff
Section 1
1st Revised Sheet 42
Replacing Original Sheet 42

# REGULATIONS

(CT) 1.6 CONNECTIONS-(Continued)

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1.6.2 Connections of Registered Equipment-(Continued)

D. The connection of customer-provided registered terminal equipment candnission registered PBX systems may be made only at the premises of the customer, authorized user or joint user to a Series 100, 300 or 400 private line service furnished to provide indications of message registration of outgoing calls or automatic identification of outward dialing (AIOD) to such customer-provided equipment or systems.

In addition, customers who intend to install, perform additions to or make rearrangements of AIOD functions shall give advance notice to the Telephone Company in accordance with the procedures specified in the Federal Communications Commission and Federal temperatures or as otherwise authorized by the Federal Communication.

1.6.3 Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems

A. Direct Connections

PUBLIC SERVICE COMMISSION

- 1. Grandfathered terminal equipment and grandfathered communications systems, directly connected to the private line services specified in 1.6.2, B, preceding are subject to 5.1.3, A, D and E, Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems, of the General Exchange Tariff. Such connections are subject to the minimum protection criterial set forth in 1.6.4, F, following.
- 2. Grandfathered terminal equipment and grandfathered communications systems, directly connected to the private line services specified in 1.6.2, C and 1.6.2, D, preceding on April 30, 1980, may remain connected for the life of the equipment without registration and may be modified only in accordance with the Federal Communications Commission's Rules and Regulations, subject to the following:
  - a. All such connections shall comply with the minimum protection criteria set forth in 1.6.4, F, following.
  - b. No changes may be made to equipment so connected except by the manufacturer thereof, or a duly authorized agent of the manufacturer.

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Effective: SEP 2 9 1980

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Section 1
Original Sheet 42

# REGULATIONS

- 1.6 CONNECTIONS-(Continued)
- 1.6.5 Minimum Protection Criteria-(Continued)
  - B. Acoustic, Inductive Connections-(Continued)
- Public School Lands

- 1. (Continued).
  - c. Where there is connection to Long Distance Message Telecommunications service, Local Exchange service, or a WATS access line, 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 Telephone Company voice transmitting and receiving equipment located on the customer's, authorized user's, or joint user's premises be limited so that the signal at the output of the Telephone Company voice transmitting and receiving equipment (i.e., at the input to the Telephone Company line) shall at no time have energy solely in the 2450 to 2750 Hertz band. If there is signal power at the output of the Telephone Company voice transmitting and receiving equipment 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.
- 1.6.6 Connection of Facilities Furnished By The Customer Which Involve Hazardous or Inaccessible Locations

Facilities furnished by the customer which involve hazardous or inaccessible locations may be connected with Private Line service furnished by the Telephone Company. Such facilities furnished by the customer must comply with the minimum protection criteria contained in Paragraph 1.6.5 preceding.

1.6.7 Accessories

Customer-provided accessories may be used with the facilities furnished by the Telephone Company for Private Line service provided that such accessories comply with the provisions of Paragraph 1.6.2.

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OF MISSOURI

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Private Line Service Tariff
Section 1
Original Sheet 42.01

# REGULATIONS

# 1.6 CONNECTIONS-(Continued)

1.6.3 Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems

# A. Direct Connections

- 1. Grandfathered terminal equipment and grandfathered communications systems directly connected to the Private Line Services specified in Paragraph 1.6.2, B., preceding, are subject to regulations in the Connections of Terminal Equipment and Communications Systems Section of the General Exchange Tariff. Such connections are subject to the minimum protection criteria set forth in Paragraph 1.6.4, F., following.
- 2. Grandfathered terminal equipment and grandfathered communications systems directly connected to the Private Line Services specified in Paragraphs 1.6.2, C. and D., preceding, on April 30, 1980, may remain connected for the life of the equipment without registration and may be modified only in accordance with the Federal Communications Commission's Rules and Regulations, subject to the following:
  - a. All such connections shall comply with the minimum protection criteria set forth in Paragraph 1.6.4, F., following.
  - b. No changes may be made to equipment so connected except by the manufacturer thereof or a duly authorized agent of the manufacturer.

CANCELLED
June 29, 2007
TO-2002-185
Missouri Public
Service Commission

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Private Line Service Tariff
Section 1
1st Revised Sheet 43
Replacing Original Revised Sheet 43

### REGULATIONS

- (CT) 1.6 CONNECTIONS (Continued)
  - 1.6.3. Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems (Continued)
    - A. Direct Connections (Continued)
      - 3. Until May 1, 1983, new installations of terminal equipment or communications systems which have been grandfathered may be connected for use with the private line services specified in 1.6.2, C or 1.6.2, D, preceding, subject to the following:
        - a. The customer shall notify the Telephone Company when such equipment or systems are to be connected and shall notify the Telephone Company when such equipment or systems are to be permanently disconnected; such notification shall include a description of the equipment including the manufacturer's name, model number and type of equipment;
        - b. All such connections are made through Telephone Company-provided standard jacks or are otherwise connected by the Telephone Company;
        - c. All such connections shall comply with the minimum protection criteria set forth in 1.6.4, F, following;
        - d. Premises wiring associated with communications systems shall conform to 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.
      - 4. Additions to grandfathered terminal equipment or grandfathered communications systems specified in 2. And 3. Preceding may be made, subject to 3. A through e, preceding and to the following:
        - a. Until May 1, 1983, where the equipment being added is of a type which has been grandfathered, and
        - b. After May 1, 1983, where the equipment being added is grandfathered.
        - c. Additions of registered equipment are subject to 1.6.2, preceding.

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Section 1
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# REGULATIONS

# 1.6 CONNECTIONS-(Continued)

1.6.8 Additional Channels May Be Created From A Channel Provided For Private Line Use As Provided In The Following:

The customer, authorized user, or joint user, by use of equipment and in accordance with the normal transmission characteristics of the grade of channel ordered, may create additional channels for any type of communication by subdividing a channel of voice grade or less or an entrance facility. However, such channels may not be created from a TELPAK (Series 500) or channels of less than voice grade or medium speed facsimile channels.

The Telephone Company makes no representation as to the suitability of Private Line services provided by the Telephone Company for such subdivision into additional channels by such customer-provided equipment.

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BY PUBLIC SERVICE COMMISSION

OF MISSOURI

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Private Line Service Tariff
Section 1
3rd Revised Sheet 44
Replacing 2nd Revised Sheet 44

### REGULATIONS

- 1.6 CONNECTIONS (Continued)
  - 1.6.3. Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems (Continued)
    - A. Direct Connections (Continued)
      - 5. Systems connected pursuant to Paragraphs 1.6.3, A.2. through 4., preceding, may remain connected and be moved and reconnected, in accordance with Paragraphs 1.6.3, 3.a. through e., preceding, for the life of the equipment and may be modified only in accordance with the Federal Communications Commission's Rules and Regulations.
      - 6. Customer Premises Equipment and customer-provided communications systems connected via customer-provided grandfathered protective circuitry are subject to the provisions of Paragraphs 1.6.3, A.1. through 5., preceding.
    - B. Connections Through Connecting Arrangements Provided by the Telephone Company
      - 1. Grandfathered connections of terminal equipment and grandfathered connections of communications systems to the private line services specified in Paragraph 1.6.2, B., preceding, are subject to Paragraph 4.1.3, B., Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems, of the General Exchange Tariff. Such connections are subject to the minimum protection criteria set forth in Paragraph 1.6.4, F., following.
      - 2. Grandfathered connections of terminal equipment and grandfathered connections of communications systems to the private line services specified in Paragraphs 1.6.2, C. and D., preceding, are subject to the following:
        - a. Until May 1, 1983, the Telephone Company will provide connecting arrangements for installations of new Customer Premises Equipment or Communications Systems that are subject to the Federal Communications Commission's Rules and Regulations.

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Private Line Service Tariff
Section 1
2nd Revised Sheet 44
Replacing 1st Revised Sheet 44

### REGULATIONS

1.6 CONNECTIONS-(Continued)

(C)

- 1.6.3 Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems-(Continued)
  - A. Direct Connections-(Continued)
    - 5. Systems connected pursuant to 2. through 4. preceding may remain connected and be moved and reconnected, in accordance with 3.a through e, preceding, for the life of the equipment and may be modified only in accordance with the Federal Communications Commission's Rules and Regulations.
- 6. Customer-provided terminal equipment and customer-provided communications systems connected via customer-provided grandfathered protective circuitry are subject to the provisions of 1. through 5. preceding.
- B. Connections Through Connecting Arrangements Provided by the Telephone Company
  - Grandfathered connections of terminal equipment and grandfathered connections of communications systems to the private line services specified in 1.6.2, B preceding are subject to 5.1.3, B, Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems, of the General Exchange Tariff. Such connections are subject to the minimum protection criteria set forth in 1.6.4, F, following.
  - 2. Grandfathered connections of terminal equipment and grandfathered connections of communications systems to the private line services specified in 1.6.2, C and 1.6.2, D, preceding are subject to the following:
    - a. Until May 1, 1983, the Telephone Company will provide connecting arrangements for installations of new customer-provided terminal equipment or communications systems that are subject to the Federal Communications Commission's Rules and Regulations.

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OF MISSOUR

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Private Line Service Tariff
Section 1

1st Revised Sheet 44
Replacing Original Sheet 44

# REGULATIONS

(CT) 1.6 CONNECTIONS-(Continued)

AUG 20 1980

- 1.6.3 Connections of Grandfathered Terminal Equipment and Grandfathered Terminal Equi
  - A. Direct Connections-(Continued)
    - 5. Systems connected pursuant to 2. through 4. preceding may remain connected and be moved and reconnected, in accordance with 3.a through e, preceding, for the life of the equipment and may be modified only in accordance with the Federal Communications Commission's Rules and Regulations.
    - 6. Customer-provided terminal euqipment and customer-provided communications systems connected via customer-provided grandfathered protective circuitry are subject to the provisions of 1. through 5. preceding.
  - B. Connections Through Connecting Arrangements Provided by the Telephone Company
    - 1. Grandfathered connections of terminal equipment and grandfathered connections of communications systems to the private line services specified in 1.6.2, B preceding are subject to 5.1.3, B, Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems, of the General Exchange Tariff. Such connections are subject to the minimum protection criteria set forth in 1.6.4, F, following.
    - 2. Grandfathered connections of terminal equipment and grandfathered connections of communications systems to the private line services specified in 1.6.2, C and 1.6.2, D, preceding are subject to the following:
      - a. Until May 1, 1983, the Telephone Company will provide connecting arrangements for installations of new customer-provided terminal equipment or communications systems that are subject to the Federal Communications Commission's Rules\_and Regulations.

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Effective: SEF 2 9 1980

REGULATIONS

- 1.6 CONNECTIONS-(Continued)
- 1.6.9 Data Terminal Equipment
  - Direct Electrical Connection
    - 1. Customer-provided data terminal equipment which involves direct electrical connection to facilities furnished for Private Line service by the Telephone Company, may be used with such facilities for such purpose under the conditions set forth below:
      - The customer shall be responsible for ordering and specifying the DATA-PHONE Data Set or data set (where requested), the type channel and the channel conditioning for operation with data processing equipment provided by the customer, authorized user, or joint user. The undertaking of the Telephone Company is to furnish the DATA-PHONE Data Set or data set, the type channel and channel conditioning as ordered and specified by the customer.
      - b. Except as otherwise specified in Paragraph 1.6.9A.lc and 1.6.9A.ld following, when the connection of customer-provided data terminal equipment requires the use of data sets, the data sets may be provided by either the customer, authorized user, or joint user or by the Telephone Company at the option of the customer; except that the Telephone Company shall furnish all data sets located on the premises of the Telephone Company. Where the customer, authorized user, or joint user elects to provide his own data set(s) on a given Private Line service, it shall be the responsibility of the customer, authorized user or joint user to ensure the continuing compatibility of such data set(s) with the facilities furnished by the Telephone Company.
      - When customer-provided data terminal equipment is used in connection with a TELPAK channel used for high speed data and such service is terminated on a customer's, authorized user's, or joint user's premises, the required data sets are furnished by the Telephone Company as a part of the service.

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OF MISSOURI

MAR 1 3 1980

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Section 1
3rd Revised Sheet 45
Replacing 2nd Revised Sheet 45

### REGULATIONS

- 1.6 CONNECTIONS (Continued)
  - 1.6.3. Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems (Continued)
    - B. Connections Through Connecting Arrangements Provided by the Telephone Company (Continued)
      - 2. (Continued)
        - a. (Continued)
          - However, after May 1, 1983, Telephone Company-provided connecting arrangements will only be provided, to the extent that such connecting arrangements are available, to reconnect terminal equipment or communications systems which were previously connected to the private line services specified in Paragraphs 1.6.2, C. or D., preceding, through connecting arrangements prior to May 1, 1983.
        - b. Grandfathered connections of terminal equipment and grandfathered connections of communications systems made in accordance with Paragraph 1.6.3, B.2.a., preceding, may remain connected and be moved and reconnected for the life of the equipment and may be modified only in accordance with the Federal Communications Commission's Rules and Regulations. Connecting arrangements used for such moves and reconnections will continue to be provided by the Telephone Company, subject to their availability at the rates and charges specified in Paragraph 4.1.3, F. of the General Exchange Tariff.
        - c. Network control signaling shall be performed by the connecting equipment furnished, installed and maintained by the Telephone Company, except that customer-provided tone-type address signaling is permissible through the Telephone Company-provided connecting arrangement.
- (C) d. The connections specified in Paragraph 1.6.3, B.2.a. through c., preceding, must comply with the minimum protection criteria specified in Paragraph 1.6.4, f., following.

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CANCELLED June 29, 2007 TO-2002-185 Missouri Public Service Commission

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Private Line Service Tariff Section 1 2nd Revised Sheet 45 Replacing 1st Revised Sheet 45

### REGULATIONS

- 1.6 CONNECTIONS-(Continued)
- 1.6.3 Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems (Continue) Communications Systems-(Continued)
- Connections Through Connecting Arrangements Provided by the Telephone Company-(Continued)
  - (Continued)
    - (Continued)

However, after May 1, 1983, Telephone Company-provided connecting arrangements will only be provided, to the extent that such connecting arrangements are available, to reconnect terminal equipment or communications systems which were previously connected to the private line services specified in 1.6.2, C or 1.6.2, D, preceding through connecting arrangements prior to May 1, 1983.

- Grandfathered connections of terminal equipment and grandfathered connections of communications systems made in accordance with a. preceding may remain connected and be moved and reconnected for the life of the equipment and may be modified only in accordance with the Federal Communications Commission's Rules and Regulations. Connecting arrangements used for such moves and reconnections will continue to be provided by the Telephone Company subject to their availability, at the rates and charges specified in 5.1.3, F of the General Exchange Tariff.
- Network control signaling shall be performed by the connecting equipment furnished, installed and maintained by the Telephone Company, except that customer-provided tone-type address signaling is permissable through the Telephone Company-provided connecting arrangement.
- The connections specified in a. through c., preceding must comply with the minimum protection criteria specified in 1.6.4, F, following.

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### REGULATIONS

(CT) 1.6 CONNECTIONS-(Continued)

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- 1.6.3 Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems-(Continued)

  Public Service Commission
- B. Connections Through Connecting Arrangements Provided by the Telephone Company-(Continued)
  - 2. (Continued)
    - a. (Continued)

However, after May 1, 1983, Telephone Company-provided connecting arrangements will only be provided, to the extent that such connecting arrangements are available, to reconnect terminal equipment or communications systems which were previously connected to the private line services specified in 1.6.2, C or 1.6.2, D, preceding through connecting arrangements prior to May 1, 1983.

- b. Grandfathered connections of terminal equipment and grandfathered connections of communications systems made in accordance with a. preceding may remain connected and be moved and reconnected for the life of the equipment and may be modified only in accordance with the Federal Communications Commission's Rules and Regulations. Connecting arrangements used for such moves and reconnections will continue to be provided by the Telephone Company subject to their availability, at the rates and charges specified in 5.1.3, F of the General Exchange Tariff.
- c. Network control signaling shall be performed by the connecting equipment furnished, installed and maintained by the Telephone Company, except that customer-provided tone-type address signaling is permissable through the Telephone Company-provided connecting arrangement.
- d. The connection specifically a. through c., preceding must comply with the minimum protochion criteria specified in 1.6.4, F, following.

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# REGULATIONS

- 1.6 CONNECTIONS-(Continued)
- 1.6.9 Data Terminal Equipment-(Continued)
  - A. Direct Electrical Connection-(Continued)
    - 1. (Continued)
      - d. To protect the telecommunications network, the connection of customer-provided data terminal equipment to Private Line service provided by the Telephone Company, when such Private Line service is arranged for connection to Long Distance Message Telecommunications service, Local Exchange service, or WATS access line, shall be through a connecting arrangement as described below and for which rates are specified in the General Exchange Tariff.
        - (i) DATA-PHONE Data Sets

Where the customer elects to use customer-provided data terminal equipment with a DATA-PHONE Data Set, the Telephone Company will provide equipment to perform the functions of:

- conditioning the data signals generated by the customerprovided equipment to signals suitable for transmission by means of Telephone Company facilities,
- conditioning signals transmitted by means of Telephone
   Company facilities to data signals suitable for reception
   by customer-provided equipment, and
- network control signaling when required in accordance with Paragraph 1.6.1 and Paragraph 1.6.5 preceding.

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PUBLIC SERVICE COMMISSION

OF MISSOURI

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# REGULATIONS

# 1.6 CONNECTIONS-(Continued)

1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program

### A. General

- 1. Connecting arrangements are not required and minimum protection criteria are not applicable where Customer Premises Equipment or Communications Systems are connected with the following channels when such channels are used for the types of transmission specified herein due to the nature of the service provided and/or the type of channels and equipment used:
  - Series 100
  - Series 200
  - Series 400
  - Channels for Program Transmission in Connection with Loudspeaker and Sound Recording
  - Video Channels (Provided via Special Assembly Request for Closed Circuit TV)
- 2. Except as otherwise provided in Paragraphs 1.6.2 and 1.6.3, preceding, Customer Premises Equipment and Communications Systems may be electrically connected to Private Line Services in accordance with Paragraph 1.6.4.
  - a. When the Customer Premises Equipment or Communications System is connected with Private Line Service furnished by the Telephone Company and such Private Line Service is not arranged for connection to telecommunications services, such connections shall be made to a Demarcation Point provided by the Telephone Company.
  - b. When the Customer Premises Equipment or Communications System is connected with Private Line Service furnished by the Telephone Company and such Private Line Service is arranged for connection to telecommunications services:
    - (1) Except as otherwise specified in Paragraph 1.6.4, D.1.d., following, such connections shall be made through a connecting arrangement as provided in Paragraph 1.6.4, and
    - (2) The connection shall be such that the functions of the network control signaling (except customer-provided tone-type address signaling through a Telephone Company-provided connecting arrangement) are performed by service components furnished by the Telephone Company.

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Issued: December 10, 1991 Effective: May 09, 1992

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

(CT)

Private Line Service Tariff Section 1 4th Revised Sheet 46

Replacing 3rd Revised Sheet 46

REGULATIONS

1.6 CONNECTIONS-(Continued)

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1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration (A) Toppan

# A. General

Public Service Commission

- Connecting arrangements are not required and minimum protection criteria are not applicable where Customer Premises Equipment or Communications Systems are connected with the following channels when such channels are used for the types of transmission specified herein due to the nature of the service provided and/or the type of channels and equipment used:
  - Series 100
  - Series 200
  - Series 400

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- Channels for Program Transmission in Connection with MAY 9 1992 Loudspeaker and Sound Recording
- Video Channels (Provided via Special Assembly Request Public Service Commission for Closed Circuit TV) MISSOURI
- 2. Except as otherwise provided in Paragraphs 1.6.2 and 1.6.3, preceding, Customer Premises Equipment and Communications Systems may be electrically connected to Private Line Services in accordance with Paragraph 1.6.4.
  - When the Customer Premises Equipment or Communications System is connected with Private Line Service furnished by the Telephone Company and such Private Line Service is not arranged for connection to telecommunications services, such connections shall be made to a network interface provided by the Telephone Company.
  - b. When the Customer Premises Equipment or Communications System is connected with Private Line Service furnished by the Telephone Company and such Private Line Service is arranged for connection to telecommunications services:
    - (1) Except as otherwise specified in Paragraph 1.6.4, D.1.d., following, such connections shall be made through a connecting arrangement as provided in Paragraph 1.6.4, and
    - The connection shall be such that the functions of the network control signaling (except customer-provided tone-type address signaling through a Telephone Company-provided connecting arrangement) are performed by service components furnished by the Telephone Company.

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Effective: JAN

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

Public Service Commission

Private Line Service Tariff Section 1 3rd Revised Sheet 46 Replacing 2nd Revised Sheet 46

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# REGULATIONS

1.6 CONNECTIONS-(Continued)

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1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Programmission

# General

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- (CT) Connecting arrangements are not required and minimum protection criteria are not applicable where Customer Premises Equipment or Communications Systems are connected with the following channels when such channels are used for the types of transmission specified herein due to the nature of the service provided and/or the type of channels the dulement used:
  - Series 100
  - Series 200
  - Series 400
  - TELPAK
  - Channels for Program Transmission 21. PUBLIC SERV Loudspeaker and Sound Recording
  - OF MISSOURI - Video Channels (Provided via Special Assembly Request for Closed Circuit TV)
  - 2. Except as otherwise provided in Paragraphs 1.6.2 and 1.6.3, preceding, Customer Premises Equipment and Communications Systems may be electrically connected to Private Line Services in accordance with Paragraph 1.6.4.
  - When the Customer Premises Equipment or Communications System is connected with Private Line Service furnished by the Telephone Company and such Private Line Service is not arranged for connection to telecommunications services, such connections shall be made to a network interface provided by the Telephone Company.
- (CT) When the Customer Premises Equipment or Communications System is connected with Private Line Service furnished by the Telephone Company and such Private Line Service is arranged for connection to telecommunications services:
  - (1) Except as otherwise specified in Paragraph 1.6.4, D.1.d., following, such connections shall be made through a connecting arrangement as provided in Paragraph 1.6.4, and
  - The connection shall be such that the functions of the network control signaling (except customer-provided tone-type address signaling through a Telephone Company-provided Connecting arrangement) are performed by service component the Telephone Company.

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Private Line Service Tariff Section 1 2nd Revised Sheet 46 Replacing 1st Revised Sheet 46

REGULATIONS

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# 1.6 CONNECTIONS-(Continued)

1.6.4 Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registion tration Program . Public Service Commission

#### General Α.

- Connecting arrangements are not required and minimum protection criteria are not applicable where customer-provided terminal equipment or communications systems are connected with the following channels when such channels are used for the types of transmission specified herein due to the nature of the service provided and/or the type of channels and equipment used.
  - Series 100
  - Series 200
  - Series 400
  - TELPAK
  - Channels for Program Transmission in Connection with Loudspeaker and Sound Recording
  - Video Channels (Provided via Special Assembly Request for Closed Circuit TV)
- Except as otherwise provided in 1.6.2 and 1.6.3, preceding, customer-GANGEL Editected to private line services in accordance with 1.6.4. provided terminal equipment and communications systems may be electrically

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When the customer-provided terminal equipment or communications system is connected with private line service furnished by the Telephone Company and such private line service is not arranged for connection to telecommunications services, such connections shall be made to an PUBLIC SERVICE COMMISSION interface provided by the Telephone Company.

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(CT)

When the customer-provided terminal equipment or communications system is connected with private line service furnished by the Telephone Company and such private line service is arranged for connection to telecommunications services:

Except as otherwise specified in 1.6.4, D.1.d, following, such connections shall be made through a connecting arrangement as provided in 1.6.4, and

The connection shall be such that the functions of the network control signaling (except customer-provided tone type address signaling through a Telephone Company-provided connecting arrangement) are performed by equipment furnished by the Telephone Company.

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REGULATIONS

(CT) 1.6 CONNECTIONS-(Continued)

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1.6.4 Connections of Customer-Provided Terminal Equipment and Communications
Systems Not Subject to the Federal Communications Commission (S) Registration Program

Public Service Commission

# A. General

- I. Connecting arrangements are not required and minimum protection criteria are not applicable where customer-provided terminal equipment or communications systems are connected with the following channels when such channels are used for the types of transmission specified harein due to the nature of the service provided and/or the type of channels and equipment used.
  - Series 100
  - Series 200
  - Series 400
  - TELPAK
  - Channels for Program Transmission iPURGINERY TENCOMMISSION
    Loudspeaker and Sound Recording OF MISSOURI
  - Video Channels (Provided via Special Assembly Request for Closed Circuit TV)
- 2. Except as otherwise provided in 1.6.2 and 1.6.3, preceding, customer-provided terminal equipment and communications systems may be electrically connected to private line services in accordance with 1.6.4.
  - a. When the customer-provided terminal equipment or communications system is connected with private line service furnished by the Telephone Company and such private line service is not arranged for connection to telecommunications services, such connections shall be made to an interface provided by the Telephone Company.
  - b. When the customer-provided terminal equipment or communications system is connected with private line service furnished by the Telephone Company and such private line service is arranged for connection to telecommunications services:
    - (1) Such connections shall be made through a connecting arrangement as provided in 1.6.4, and
    - (2) The connection shall be such that the functions of the network control signaling (except customer-provided tone type address signaling through a Telephone Company-provided connecting arrangement) are performed by equipment furnished by the Telephone Company.

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BY R. R. SHOCKLEY, Vice President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

# REGULATIONS

- 1.6 CONNECTIONS-(Continued)
- 1.6.9 Data Terminal Equipment-(Continued)
  - A. Direct Electrical Connection-(Continued)
    - 1. (Continued)
      - d. (Continued)
        - (ii) Data Access Arrangement

Where the customer elects to use customer-provided data terminal equipment through a data access arrangement, the customer, authorized user, or joint user shall furnish the equipment which performs the functions of data signal conditioning referred to above and the Telephone Company shall furnish the data access arrangement for use with the network control signaling unit.

- e. Where a data access arrangement is furnished with customerprovided terminal equipment and such terminal equipment is used for both voice and data communications, the data access arrangement may be used to connect the customer-provided equipment for voice communication.
- 2. Minimum Protection Criteria

Customer-provided data terminal equipment which involves direct electrical connection (except where connected with a DATA-PHONE Data Set, data set or TELPAK channel terminal for use as a high speed data channel) must comply with the minimum protection criteria in Paragraph 1.6.5.

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PUBLIC SERVICE COMMISSION

OF MISSOURI

78-235

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3rd Revised Sheet 47
Replacing 2nd Revised Sheet 47

### REGULATIONS

- 1.6 CONNECTIONS (Continued)
- (CT) 1.6.4. Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (Continued)
  - A. General (Continued)
    - 2. (Continued)
- (CT) c. Customer Premises Equipment or Communications Systems connected pursuant to Paragraphs 1..6.4, A.2.a. or b., preceding, must comply with the minimum protection criteria specified in Paragraph 1.6.4, F., following.
  - B. Data Terminal Equipment
    - 1. Direct Electric Connections
- (CT)

  a. Customer-provided data terminal equipment which involves direct electrical connection to service components furnished for Private Line Service by the Telephone Company may be used with such service components for such purpose under the conditions set forth below:
- (CP) (1) The customer shall be responsible for ordering and specifying the type channel and the channel conditioning for operation with data processing equipment provided by the customer. The undertaking of the Telephone Company is to furnish the type channel and channel conditioning as ordered and specified by the customer.
- (CP) (2) Except as otherwise specified in Paragraph 1.6.4, B.1.a.(3), following, when the connection of customer-provided data terminal equipment requires the use of data sets, the data sets will be provided by the customer. With the customer providing his own data set(s) on a given Private Line Service, it shall be the responsibility of the customer to ensure the continuing compatibility of such data set(s) with the service components furnished by the Telephone Company.

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Issued: December 29, 1983 Effective: January 1, 1984

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Replacing 1st Revised Sheet 47

# REGULATIONS

- 1.6 CONNECTIONS-(Continued)
- 1.6.4 Connections of Customer-Provided Terminal Equipment and Communications 1981

  Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)
- A. General-(Continued)
  - 2. (Continued)

(CT)

c. Customer-provided terminally equipment or wearn cations systems connected pursuant to a. or b. preceding must comply with the minimum protection criteria specified in 1.6.4, F, following.

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- B. Data Terminal Equipment
  - Direct Electric Connection
    - a. Customer-provided data terminal equipment which involves direct electrical connection to facilities furnished for private line service by the Telephone Company, may be used with such facilities for such purpose under the conditions set forth below:
      - (1) The customer shall be responsible for ordering and specifying the DATAPHONE Data Set or Data Set (where requested), the type channel and the channel conditioning for operation with data processing equipment provided by the customer, authorized user or joint user. The undertaking of the Telephone Company is to furnish the DATAPHONE Data Set or Data Set, the type channel and channel conditioning as ordered and specified by the customer.
      - (2) Except as otherwise specified in (3) and (4) following, when the connection of customer-provided data terminal equipment requires the use of data sets, the data sets may be provided by either the customer, authorized user or joint user or by the Telephone Company at the option of the customer; except that, the Telephone Company shall furnish all data sets located on the premises of the Telephone Company. Where the customer, authorized user or joint user elects to provide his own data set(s) on a given private line service, it shall be the responsibility of the customer, authorized user or joint user to ensure the continuing compatibility of such data set(s) with the facilities furnished by the Telephone Company.

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Effective: FEB 2 1 1981

Private Line Service Tariff Section 1 1st Revised Sheet 47 Replacing Original Sheet 47

# REGULATIONS

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CT) 1.6 CONNECTIONS-(Continued)

1.6.4 Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Regis-MISSOURI tration Program-(Continued) Public Service Commission

A. General-(Continued)

(Continued)

Customer-provided terminal equipment exposmentations systems connected pursuant to 1. or 2 preferred met comply with the minimum protection criteria specified in 1.6.4, F, following. randet comply with the

B. Data Terminal Equipment

1. Direct Electric Connection

- a. Customer-provided data terminal purph sprovided involves direct electrical connection to facilities furnished for private line service by the Telephone Company, may be used with such facilities for such purpose under the conditions set forth below:
  - The customer shall be responsible for ordering and specifying the DATAPHONE Data Set or Data Set (where requested), the type channel and the channel conditioning for operation with data processing equipment provided by the customer, authorized user or joint user. The undertaking of the Telephone Company is to furnish the DATAPHONE Data Set or Data Set, the type channel and channel conditioning as ordered and specified by the customer.
  - (2) Except as otherwise specified in (3) and (4) following, when the connection of customer-provided data terminal equipment requires the use of data sets, the data sets may be provided by either the customer, authorized user or joint user or by the Telephone Company at the option of the customer; except that, the Telephone Company shall furnish all data sets located on the premises of the Telephone Company. Where the customer, authorized user or joint user elects to provide his own data set(s) on a given private line service, it shall be the responsibility of the customer, authorized user or joint user to ensure the continuing compatibility of such data set(s) with the facilities furnished by the Telephone Company.

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REGULATIONS

1.6 CONNECTIONS-(Continued)

1.6.9 Data Terminal Equipment-(Continued)

B. Acoustic, Inductive Connections

- Customer-provided data terminal equipment may be acoustically or inductively connected with Telephone Company facilities for Private Line service provided the acoustic or inductive connection is made externally to Telephone Company voice transmitting and receiving equipment.
- 2. Customer-provided data terminal equipment which involves acoustic or inductive connections must comply with the minimum protection criteria in Paragraph 1.6.5 preceding.

# 1.6.10 Voice Terminal Equipment

- A. Direct Electrical Connection
  - 1. Customer-provided voice terminal equipment which involves direct electrical connection to facilities furnished for Private Line service by the Telephone Company, may be used with such facilities for such purpose under the conditions set forth below:
    - a. To protect the telecommunications network, the connection of customer-provided voice terminal equipment to Private Line service provided by the Telephone Company when such Private Line service is arranged for connection to Long Distance Message Telecommunications service, Local Exchange service, or WATS access line shall be through a connecting arrangement as provided in the General Exchange Tariff. As provided in accordance with Paragraphs 1.6.12 and 1.6.13 following, a connecting arrangement is not required for the connection of certain classes of attested customer-provided terminal equipment or of conforming answering devices.

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Private Line Service Tariff
Section 1
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Replacing 2nd Revised Sheet 48

### REGULATIONS

- 1.6 CONNECTIONS (Continued)
- (CT) 1.6.4. Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (Continued)
  - B. Data Terminal Equipment (Continued)
    - 1. Direct Electric Connections (Continued)
      - a. (Continued)

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- (FC)

  (3) To protect the telecommunications network, the connection of customer-provided data terminal equipment to Private Line Service provided by the Telephone Company, when such Private Line Service is arranged for connection to telecommunications services, shall be through a connecting arrangement as described below:
  - (a) DATAPHONE Data Sets

(CP) With the customer providing data terminal equipment and the DATAPHONE Data Set, the Telephone Company will provide equipment to perform the function of:

- Conditioning the data signals generated by the customer-provided equipment to signals suitable for transmission by means of Telephone Company service components.
- Conditioning signals transmitted by means of Telephone Company service components to data signals suitable for reception by customer-provided equipment, and
- Network control signaling when required in accordance with Paragraph 1.6.4, A., preceding, and Paragraph 1.6.4, F., following.

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Private Line Service Tariff Section 1 2nd Revised Sheet 48 Replacing 1st Revised Sheet 48

### REGULATIONS

- 1.6 CONNECTIONS-(Continued)
- 1.6.4 Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission Registration Program-(Continued)
- B. Data Terminal Equipment-(Continued)
  - Direct Electric Connection-(Continued)
    - a. (Continued)
      - (3) When customer-provided data terminal equipment is used in connection with a TELPAK channel used for High Speed Data and such service is terminated on a customer's, authorized or joint user's premises, the required data sets are furnished by the Telephone Company as a part of the service.
      - (4) To protect the telecommunications network, the connection of customer-provided data terminal equipment to private line service provided by the Telephone Company, when such private line service is arranged for connection to telecommunications services, shall be through a connecting arrangement as described below:
        - (a) DATAPHONE Data Sets

Where the customer elects to use customer-provided data terminal equipment with a DATAPHONE Data Set, the Telephone Company will provide equipment to perform the function of:

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- Conditioning the data signals generated by the customer-provided equipment to signals suitable for transmission by means of Telephone Company facilities.

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- Conditioning signals transmitted by means of Telephone Company facilities to data signals suitable BY LOCAL SERVICE COMMISSION for reception by customer-provided equipment, and

> - Network control signaling when required in accordance with 1.6.4, A, preceding and 1.6.4, F, following.

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Replacing Original Sheet 48

# REGULATIONS

# (CT) 1.6 CONNECTIONS-(Continued)

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- 1.6.4 Connections of Customer-Provided Terminal Equipment and Communications
  Systems Not Subject to the Federal Communications Commission (Continued)
- B. Data Terminal Equipment-(Continued)
  - Direct Electric Connection-(Continued)
    - a. (Continued)
      - (3) When customer-provided data terminal equipment is used in connection with a TELPAK channel used for High Speed Data and such service is terminated on a customer's, authorized or joint user's permises, the required data sets are furnished by the Telephone Company as a part of the service.
      - (4) To protect the telecommunications network, the connection of customer-provided data terminal equipment to private line service provided by the Telephone Company, when such private line service is arranged for connection to telecommunications services, shall be through a connecting arrangement as described and for the rates as specified.
        - (a) DATAPHONE Data Sets

Where the customer elects to use customer-provided terminal equipment with a DATAPHONE Data Set, Telephone Company will provide equipment to perform the function of:

TEB 21 15 Conditioning the data signals generated by the gustomer-provided equipment to signals suitable commission by means of Telephone Company COMMITTIES.

Conditioning signals transmitted by means of Telephone Company facilities to data signals suitable for reception by customer-provided equipment, and

- Network control signaling when required in accordance with 1.6.4, A, preceding and 1.6.4, F, following.

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# REGULATIONS

- 1.6 CONNECTIONS-(Continued)
- 1.6.10 Voice Terminal Equipment-(Continued)
  - A. Direct Electrical Connection-(Continued)
    - 1. (Continued)
      - b. Customer-provided voice transmitting equipment which involves direct electrical connection must comply with the minimum protection criteria in Paragraph 1.6.5.
    - 2. 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 communications, the data access arrangement may be used to connect the customer-provided equipment for voice communication.
  - B. Acoustic, Inductive Connections
    - Customer-provided voice terminal equipment may be acoustically or inductively connected with Telephone Company facilities for Private Line service provided the acoustic or inductive connection is made externally to Telephone Company voice transmitting and receiving equipment.
    - 2. Customer-provided voice transmitting terminal equipment which involves acoustic or inductive connections must comply with the minimum protection criteria in Paragraph 1.6.5 preceding.
- 1.6.ll Connection of Customer-Provided Voice Transmitting and/or Receiving Terminal Equipment for Recording of Two-Way Telephone Conversations

Where customer-provided voice transmitting and/or receiving terminal equipment is arranged to record two-way telephone conversations and is connected to a Telephone Company-provided Private Line service which is additionally connected to Long Distance Message Telecommunications service, Local Exchange service or WATS Access Line such connection is, except as provided in Paragraph 1.6.11.B following, permitted only on a direct electrical lasts and subject to the following conditions:

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Replacing 1st Revised Sheet 49

### REGULATIONS

- 1.6 CONNECTIONS (Continued)
- (CT) 1.6.4. Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (Continued)
  - B. Data Terminal Equipment (Continued)
    - 1. Direct Electric Connections (Continued)
      - a. (Continued)
        - (3) Continued
          - (b) Data Access Arrangement
- (CP) With the customer providing and using data terminal equipment through a data access arrangement, the customer shall furnish the equipment which performs the functions of data signal conditioning referred to above, and the Telephone Company shall furnish the data access arrangement for use with the network control signaling unit.
- (CT) (4) With the data access arrangement being furnished with Customer Premises
  Equipment and such premises equipment is used for both voice and data
  communications, the data access arrangement will be used to connect the Customer
  Premises Equipment for voice communication.
  - C. Voice Terminal Equipment
    - 1. Customer-provided voice terminal equipment may be connected at the customer's premises to Private Line Service in accordance with the following when such Private Line Service is arranged as provided in Paragraph 1.6.4, A.2.b., preceding.
      - a. The connection shall be made through a network control signaling unit and a connecting arrangement furnished by the Telephone Company.
- b. With the data access arrangement being furnished in connection with Customer Premises Equipment and such premises equipment is used for both voice and data communication, the data access arrangement will be used to connect the Customer Premises Equipment for voice communication.

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### REGULATIONS

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# (CT) 1.6 CONNECTIONS-(Continued)

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OF MISSOURI

- 1.6.4 Connections of Customer-Provided Terminal Equipment and Communications
  Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)
- B. Data Terminal Equipment-(Continued)

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- Direct Electric Connection-(Continued)
  - (Continued)
    - (4) (Continued)
      - (b) Data Access Arrangement

Where the customer elects to use customer-provided data terminal equipment through a data access arrangement, the customer, authorized user or joint user shall furnish the equipment which performs the functions of data signal conditioning referred to above and the Telephone Company shall furnish the data access arrangement for use with the network control signaling unit.

Where a data access arrangement is furnished with customerprovided terminal equipment and such terminal equipment is used for both voice and data communications, the data access arrangement may be used to connect the customer-provided equipment for voice communication.

# C. Voice Terminal Equipment

- Customer-provided voice terminal equipment may be connected at the customer's premises to private line service in accordance with the following when such private line service is arranged as provided in 1.6.4, A.2.b, preceding.
  - The connection shall be made through a network control signaling unit and a connecting arrangement furnished by the Telephone Company.
  - 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.

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BY R. R. SHOCKLEY, Vice President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

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# REGULATIONS

#### 1.6 CONNECTIONS-(Continued)

1.6.11 Connection of Customer-Provided Voice Transmitting and/or Receiving Terminal Equipment for Recording of Two-Way Telephone Conversations-(Continued)

# Direct Electrical Connections

- The connection shall be made only through a connecting arrangement furnished, installed and maintained by the Telephone Company, which contains a recorder tone device automatically producing a distinctive recorder tone that is repeated at intervals of approximately fifteen seconds when the recording equipment is in use, except such recorder tone need not be produced when the recording equipment is used as follows: '
  - By a Federal Communications Commission licensed broadcast station customer for the recording of two-way telephone conversations solely for broadcast over the air.
  - By a public fire and police service for the recording of two-way telephone conversations provided that the proper public authority certifies that the service will be used exclusively for the receipt of emergency fire and police calls.
  - By the United States Secret Service of the Department of the Treasury to record two-way telephone conversations which concern the safety and security of the person of the President of the United States, or members of his immediate family, or the White House and its grounds.
  - By a broadcast network or by a cooperative programming effort composed exclusively of Federal Communications Commission broadcast licensees to record two-way telephone conversations solely for broadcast over the air by a licensed broadcast station.

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OF MISSOURI

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# REGULATIONS

# 1.6 CONNECTIONS-(Continued)

- 1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)
- C. Voice Terminal Equipment-(Continued)
  - 2. Attested Equipment and Conforming Answering Devices may be used with Private Line Service subject to the provisions of the Connections of Terminal Equipment and Communications Systems Section of the General Exchange Tariff.

# D. Communications Systems

- 1. Customer-provided communications systems (other than communications systems connected pursuant to Paragraphs 1.6.2 and 1.6.3, preceding) may be connected to Private Line Service in accordance with Paragraph 1.6.4, D.1. These communications systems (including channels derived from such systems) not exceeding voice grade may be connected at the customer's premises where the customer has a regular and continuing requirement for the origination or termination of communications over the customer-provided communications systems provided that:
  - a. The normal mode of operation of the customer-provided communications systems shall be to provide communications originating or terminating at the premises on which the connection is made.
  - b. The connection shall be made through switching equipment provided by the customer.
  - c. The connection shall be to channels of voice grade or less or to channels of voice grade or less furnished in connection with TELPAK Service furnished by the Telephone Company or to channels created therefrom in accordance with the provisions of Paragraph 1.6.5, following.
  - d. When the Private Line Service is arranged as provided in Paragraph 1.6.4, A.2.b., preceding, the connection is made through:
    - (1) a connecting arrangement provided by the Telephone Company, or
    - (2) registered or grandfathered terminal equipment, communications system or protective circuitry which, either singularly or in combination, assures that the requirements of the Federal Communications Commission's Rules and Regulations are met at the private line Demarcation Point.

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Missouri Public
Service Commission

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REGULATIONS

1.6 CONNECTIONS-(Continued)

(CT) 1.6.4 Connections of Customer Premises Equipment and Communications Systems

Not Subject to the Federal Communications Commission's Registration Program-(Continued)

Public Service Commission

C. Voice Terminal Equipment-(Continued)

2. Attested Equipment and Conforming Answering Devices may be used with Private Line Service subject to the provisions of the Connections of Terminal Equipment and Communications Systems Section of the General Exchange Tariff.

# D. Communications Systems

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- 1. Customer-provided communications systems (other than communications systems connected pursuant to Paragraphs 1.6.2 and 1.6.3, preceding) may be connected to Private Line Service in accordance with Paragraph-1.6.4, D.1. These communications systems (including channels derived from such systems) not exceeding voice grade may be connected at the customer's premises where the customer has a regular and continuing requirement for the origination or termination of communications over the customer-provided communications systems provided that:
  - a. The normal mode of operation of the customer-provided communications systems shall be to provide communications originating or terminating at the premises on which the connection is made.
  - b. The connection shall be made through switching equipment provided. 5 by the customer.

    Public Service Commission
  - c. The connection shall be to channels of voice grade or MSSOUP to channels of voice grade or less furnished in connection with TELPAK Service furnished by the Telephone Company or to channels created therefrom in accordance with the provisions of Paragraph 1.6.5, following.
  - d. When the Private Line Service is arranged as provided in Paragraph 1.6.4, A.2.b., preceding, the connection is made through:
    - (1) a connecting arrangement provided by the Telephone Company, or
    - (2) registered or grandfathered terminal equipment, communications system or protective circuitry which, either Asingulary or in combination, assures that the requirements of the first and Regulations are met at the private line network interface. Fullic Service Commission

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# REGULATIONS

1.6 CONNECTIONS-(Continued)

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- 1.6.4 Connections of Customer-Provided Terminal Equipment and Communications

  Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)
- C. Voice Terminal Equipment-(Continued)
  - 2. Attested Equipment and Conforming Answering Devices may be used with private line service subject to the provisions of 5.1.3, D. and E. of the General Exchange Tariff.
- D. Communications Systems
  - 1. Customer-provided communications systems (other than communications systems connected pursuant to 1.6.2 and 1.6.3 preceding) may be connected to private line service in accordance with 1.6.4, D.1. These communications systems (including channels derived from such systems) not exceeding voice grade may be connected at the customer, authorized user or joint user's premises where the customer has a regular and continuing requirement for the origination or termination of communications over the customer-provided communications systems provided that:
    - a. The normal mode of operation of the customer-provided communications systems shall be to provide communications originating or terminating at the premises on which the connection is made.
    - b. The connection shall be made through switching equipment provided either by the customer, authorized user or by the Telephone Company.
    - c. The connection shall be to channels of voice grade or less or to channels of voice grade or less furnished in connection with TELPAK service furnished by the Telephone Company or to channels created therefrom in accordance with the provisions of 1.6.5 following.
- (CT) d. When the private line service is arranged as provided in 1.6.4, A.2.b preceding, the connection is made through:
- (AT) GANGEL (1) connecting arrangement provided by the Telephone Company, or

registered or grandfathered terminal equipment, communications system or protective circuitry which, either singularly or in combination, assures that the requirements of the Rederal Compublic SERVICE COMMISSION Commission's Rules and Regulations are metral the private line interface.

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(CT) 1.6 CONNECTIONS-(Continued)

1.6.4 Connections of Customer-Provided Terminal Equipment and Communications

Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)

Public Service Commission

C. Voice Terminal Equipment-(Continued)

2. Attested Equipment and Conforming Answering Articles and Education with private line service subject to the provisions of 5.1.3, D. and E. of the General Exchange Tariff.

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D. Communications Systems

- Customer-provided communications systems Public Communications systems connected pursuant to 1.6.2 and 1.6.3 preceding) may be connected to private line service in accordance with 1.6.4, D.1. These communications systems (including channels derived from such systems), not exceeding voice grade, may be connected at the customer, authorized user or joint user's premises where the customer has a regular and continuing requirement for the origination or termination of communications over the customer-provided communications systems provided that:
  - a. The normal mode of operation of the customer-provided communications systems shall be to provide communications originating or terminating at the premises on which the connection is made.
  - b. The connection shall be made through switching equipment provided either by the customer, or authorized user or by the Telephone Company.
  - c. When the private line service is arranged as provided in 1.6.4, A.2.b, preceding, the connection shall be through a network control signaling unit and connecting arrangement furnished by the Telephone Company.
  - d. The connection shall be to channels of voice grade or less or to channels of voice grade or less furnished in connection with TELPAK service furnished by the Telephone Company or to channels created therefrom in accordance with the provisions of 1.6.5 following.
- 2. An entrance facility (Series 1000) channel or channels created therefrom in accordance with the provision of 1.6.5 following may be connected at such customer's or user's premises to other customer-provided communications systems in accordance with 1.6.4, D.1.a., b. and c., preceding.

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Effective: SEP 2 9 1980

Private Line Service Tariff Section 1 Original Sheet 50

## REGULATIONS

# CONNECTIONS-(Continued)

1.6.11 Connection of Customer-Provided Voice Transmitting and/or Receiving Terminal Equipment for Recording of Two-Way Telephone Conversations-(Continued)

## Direct Electrical Connections-(Continued)

- 1. (Continued)
  - 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 Long Distance Message Telecommunications, Local Exchange services or WATS Access Line.
- In lieu of the above connecting arrangement, connection may be made through a portable direct electrical connecting arrangement provided such arrangement is obtained from and is maintained by the Telephone Company. The portable connecting arrangement shall be connected with the telephone line through jacks installed by the Telephone Company on each line or at each station used for recording purposes.
- The customer-provided voice recording equipment shall be so arranged that at the will of the customer it can be physically connected to and disconnected from the facilities of the Telephone Company or switched on and off.
- 4. Customer-provided voice recording equipment must comply with the minimum protection criteria set forth for customer-provided voice transmitting equipment in Paragraph 1.6.5A preceding.
- B. Acoustic, Inductive Connections

Customer-provided voice recording equipment may not be connected with facilities of the Telephone Company for the recording of two-way telephone conversations by means of an acoustic or inductive connection, except under the following conditions (and under such following excepted conditions the distinctive recorder tone described in Paragraph 1.6.11A.1 preceding is not required): preceding is not required):

> SEP 29 1980 PUBLIC SERVICE COMMISSION

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Private Line Service Tariff
Section 1
2nd Revised Sheet 50.01
Replacing 1st Revised Sheet 50.01

## REGULATIONS

## 1.6 CONNECTIONS-(Continued)

- 1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)
  - D. Communications Systems-(Continued)
    - 1. (Continued)
      - d. (Continued)
        - (2) (Continued)

Minimum protection criteria as set forth in Paragraph 1.6.4, F., following, must be complied with when the connection is made through equipment or systems that are not registered.

In lieu of these requirements for total hardware protection, an optional, alternative method as described in Paragraph 1.6.4, D.1.e., following, is available for the control of signal power only.

- e. When customer-provided communications systems not subject to the Federal Communications Commission's Rules and Regulations are connected to Private Line Services that are arranged as provided in Paragraph 1.6.4, A.2.b., preceding, and the connection is through (a) a Telephone Company-provided connecting arrangement or (b) registered or grandfathered terminal equipment, communications system or protective circuitry which assures that all of the requirements of the Federal Communications Commission's Rules and Regulations are met at the Private Line Service Demarcation Point, no further action is required. However, when a customer elects to connect a communications system to Private Line Service and the registered or grandfathered equipment, system or protective circuitry through which the connection is made does not provide protection for signal power control, the customer must comply with the following institutional procedures:
  - (1) The customer-provided communications system must be installed, operated and maintained so that the signal power (within the frequency range of 200-4000 Hertz) at the Private Line Service Demarcation Point continuously complies with the Federal Communications Commission's Rules and Regulations.

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Issued: December 10, 1991 Effective: May 09, 1992

CANCELLED
June 29, 2007
TO-2002-185
Missouri Public
Service Commission

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

Private Line Service Tariff Section 1 1st Revised Sheet 50.01

Replacing Original Sheet, 50.01 聞きばは日

REGULATIONS

1.6 CONNECTIONS-(Continued)

DEC 28 1080

- 1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration (CT) Public Service Commission Program-(Continued)
  - Communications Systems-(Continued)

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Minimum protection criteria as set forth in Paragraph 1.6.4, F., following, must be complied with when the connection is made through equipment or systems that are not registered.

In lieu of these requirements for total hardware protection, an D.1.e., following, is available for the control of signal power

optional, alternative method as described in Paragraph 1.6.4, only.

- e. When customer-provided communications systems not subject to the Federal Communications Commission's Rules and Regulations are connected to Private Line Services that are arranged as provided in Paragraph 1.6.4, A.2.b., preceding, and the connection is through (a) a Telephone Company-provided connecting arrangement or (b) registered or grandfathered terminal equipment, communications system or protective circuitry which assures that all of the requirements of the Federal Communications Commission's Rules and Regulations are met at the Private Line Service network interface, no further action is required. However, when a customer elects to connect a communications system to Private Line Service and the registered or grandfathered equipment, system or protective circuitry through which the connection is made does not provide protection for signal power control, the customer must comply with the following institutional procedures:
  - The customer-provided communications system must be installed, operated and maintained so that the signal power (within the frequency range of 200-4000 Hertz) at the Private Line Servicenetwork interface continuously complies with the Federal Communications Commission's Rules and Regulations.

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Public Service Commission JAN 0 1 199 Effective:

Issued: DEC 29 1983

Private Line Service Tariff
Section 1
Original Sheet 50.01

## REGULATIONS

- 1.6 CONNECTIONS-(Continued)
- 1.6.4 Connections of Customer-Provided Terminal Equipment and Communications

  Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)

D. Communications Systems-(Continued)

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Minimum protection criteria assisted forth in 1.6.4, F. following must be complied with when the connection is made through equipment or systems that are not registered.

In lieu of these requirements for total hardware protection, an optional, alternative method as described in e. following is available for the control of signal power only.

- e. When customer-provided communications systems not subject to the Federal Communications Commission's Rules and Regulations are connected to private line services that are arranged as provided in 1.6.4, A.2.b. preceding and the connection is through (a) a Telephone Company-provided connecting arrangement or (b) registered or grandfathered terminal equipment, communications system or protective circuitry which assures that all of the requirements of the Federal Communications Commission's Rules and Regulations are met at the private line service interface, no further action is required. However, when a customer elects to connect a communications system to private line service and the registered or grandfathered equipment, system or protective circuitry through which the connection is made does not provide protection for signal power control, the customer must comply with the following institutional procedures:
  - (1) The customer-provided communications system must be installed, operated and maintained so that the signal power (within the frequency range of 200-4000 Hertz) at the private line service interface continuously complies with the Federal Communications Commission's Rules and Regulations.

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Issued: OCT 2 4 1980

Effective: NOV 2 4 1980

Private Line Service Tariff
Section 1
2nd Revised Sheet 50.02
Replacing 1st Revised Sheet 50.02

## REGULATIONS

## 1.6 CONNECTIONS-(Continued)

- 1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)
- D. Communications Systems-(Continued)
  - 1. (Continued)
    - e. (Continued)
      - (2) The operator(s)/maintainer(s) responsible for the establishment, maintenance and adjustment of the voice frequency signal power present at the Private Line Service Demarcation Point must be trained to perform these functions by successfully completing one of the following:
        - (a) a training course provided by the manufacturer of the equipment used to control voice frequency signal power; or
        - (b) a training course provided by the customer or authorized representative, who has responsibility for the entire communications system, using training materials and instructions provided by the manufacturer of the equipment used to control the voice frequency signal power; or
        - (c) an independent training course (e.g., trade school or technical institution) recognized by the manufacturer of the equipment used to control the voice frequency signal power; or
        - (d) in lieu of the preceding training requirements, the operator(s)/maintainer(s) is under the control of a supervisor trained in accordance with Paragraphs 1.6.4, D.1.a. through c., preceding.
          - Upon request, the customer is required to provide the proper documentation to demonstrate compliance with these requirements.

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June 29, 2007
TO-2002-185
Missouri Public
Service Commission

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Private Line Service Tariff
Section 1
1st Revised Sheet 50.02
Replacing Original Sheet 50.02

REGULATIONS

1.6 CONNECTIONS-(Continued)

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(CT) 1.6.4 Connections of Customer Premises Equipment and Communications Systems
Not Subject to the Federal Communications Commission Siregistration MMISSION
Program-(Continued)

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D. Communications Systems-(Continued)

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- (2) The operator(s)/maintainer(s) responsible for the establishment, maintenance and adjustment of the voice frequency signal power present at the Private Line Service network interface must be trained to perform these functions by successfully completing one of the following:
  - (a) a training course provided by the manufacturer of the equipment used to control voice frequency signal power; or
  - (b) a training course provided by the customer or authorized representative, who has responsibility for the entire communications system, using training materials and instructions provided by the manufacturer of the equipment used to control the voice frequency signal power; or
  - (c) an independent training course (e.g., trade school or technical institution) recognized by the manufacturer of the equipment used to control the voice frequency signal power; or
  - (d) in lieu of the preceding training requirements, the operator(s)/maintainer(s) is under the control of a supervisor trained in accordance with Paragraphs 1.6.4, D.1.a. through c., preceding.

Upon request, the customer is required to provide the proper documentation to demonstrate compliance with these requirements.

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Issued: DEC 29 1983

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Private Line Service Tariff Section 1 Original Sheet 50.02

### REGULATIONS

- 1.6 CONNECTIONS-(Continued)
  - 1.6.4 Connections of Customer-Provided Terminal Equipment and Communications
    Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)
  - D. Communications Systems-(Continued)
    - 1. (Continued)

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e. (Continued)

- The operator(s)/maintainer(s) responsible for the establishment, maintenance and adjustment of the voice frequency signal power present at the private line service interface must be trained to perform these functions by successfully completing one of the following:
  - (a) a training course provided by the manufacturer of the equipment used to control voice frequency signal power; or
  - (b) a training course provided by the customer or authorized representative, who has responsibility for the entire communications system, using training materials and instructions provided by the manufacturer of the equipment used to control the voice frequency signal power; or
  - (c) an independent training course (e.g., trade school or technical institution) recognized by the manufacturer of the equipment used to control the voice frequency signal power; or
  - (d) in lieu of the preceding training requirements, the operator(s)/maintainer(s) is under the control of a supervisor trained in accordance with a. through c. preceding.

Upon request, the customer is required to provide the proper documentation to demonstrate compliance with these requirements. JAN-1 1984

PUBLIC SERVICE COMMISSION
OF MISSOURI

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Issued: OCT 24 1980

Effective:

NOV 2 4 1980

Line Service Tariff
Section 1
2nd Revised Sheet 50.03
Replacing 1st Revised Sheet 50.03

## REGULATIONS

## 1.6 CONNECTIONS-(Continued)

- 1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program Continued)
  - D. Communications Systems-(Continued)
    - 1. (Continued)
      - e. (Continued)
        - (3) At least 10 days' advance notice must be given to the Telephone Company in the form of a notarized affidavit before the initial connection of the customer-provided communications system. A copy of the affidavit must also be maintained at the customer's premises. The affidavit must contain the following information:
          - (a) The full name, business address, business telephone number and signature of the customer or authorized representative who has the responsibility for the operation and maintenance of the communications system.
          - (b) The line(s) which the communications system will be either connected to or arranged for connection to.
          - (c) A statement that all operations associated with the establishment, maintenance and adjustment of the signal power present at the Private Line Service Demarcation Point will comply with the Federal Communications Commission's Rules and Regulations.
          - (d) A statement describing how each operator/maintainer of the communications system will meet and continue to meet the training requirements for persons installing, adjusting or maintaining the communications system.
          - f. Extraordinary Procedures
            - (1) The Telephone Company may invoke extraordinary procedures to protect the Private Line Service where one or more of the following conditions are present:
              - (a) Information provided in the affidavit gives reason to believe that a violation of the Federal Communications Commission's Rules and Regulations or the Institutional Procedures set forth in Paragraph 1.6.4, D.1.e., preceding is likely.

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CANCELLED June 29, 2007 TO-2002-185 Missouri Public Service Commission

(CT)

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

Private Line Service Tariff
Section 1
lst Revised Sheet 50.03
Replacing Original Sheet 50.03

REGULATIONS

1.6 CONNECTIONS-(Continued)

DEC 29 1883

(CT) 1.6.4 Connections of Customer Premises Equipment and Communications Systems
Not Subject to the Federal Communications Commission s Registration Public Service Commission

D. Communications Systems-(Continued)

1. (Continued)

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e. (Continued)

Public Service Commission MISSOURI

- (3) At least 10 days' advance notice must be given to the Telephone Company in the form of a notarized affidavit before the initial connection of the customer-provided communications system. A copy of the affidavit must also be maintained at the customer's premises. The affidavit must contain the following information:
  - (a) The full name, business address, business telephone number and signature of the customer or authorized representative who has the responsibility for the operation and maintenance of the communications system.
  - (b) The line(s) which the communications system will be either connected to or arranged for connection to.
  - (c) A statement that all operations associated with the establishment, maintenance and adjustment of the signal power present at the Private Line Service network interface will comply with the Federal Communications Commission's Rules and Regulations.
  - (d) A statement describing how each operator/maintainer of the communications system will meet and continue to meet the training requirements for persons installing, adjusting or maintaining the communications system.

## f. Extraordinary Procedures

(1) The Telephone Company may invoke extraordinary procedures to protect the Private Line Service where one or more of the following conditions are present:

(a) Information provided in the affidavit gives reason to believe that a violation of the Federal Communications Commission's Rules and Regulations of the Institutional Procedures set forth in Paragraph 1.6.4, D. 1963, page 1964 ing, is likely.

Public Service Commission

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Issued: DEC 29 1985

Effective: JAN 0 1 1984

Private Line Service Tariff
Section 1
Original Sheet 50.03

## REGULATIONS

- 1.6 CONNECTIONS-(Continued)
  - 1.6.4 Connections of Customer-Provided Terminal Equipment and Communications

    Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)
  - D. Communications Systems-(Continued)
    - 1. (Continued)

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- (3) At least 10 days advance notice must be given to the Telephone Company in the form of a notarized affidavit before the initial connection of the customer-provided communications system. A copy of the affidavit must also be maintained at the customer's premises. The affidavit must contain the following information:
  - (a) The full name, business address, business telephone number and signature of the customer or authorized representative who has the responsibility for the operation and maintenance of the communications system.

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The line(s) which the communications system will be either connected to or arranged for connection to.

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PUBLIC SERVICE COMMISSION

OF MISSOURI

A statement that all operations associated with the establishment, maintenance and adjustment of the signal power present at the private line service interface will comply with the Federal Communications Commission's Rules and Regulations.

(d) A statement describing how each operator/maintainer of the communications system will meet and continue to meet the training requirements for persons installing radjusting for maintaining the communications system.

f. Extraordinary Procedures

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- (1) The Telephone Company may invoke extraordinary procedures to protect the private line service where one or more of the following conditions are present:
  - (a) Information provided in the affidavit gives reason to believe that a violation of the Federal Communications Commission's Rules and Regulations or the Institutional Procedures set forth in e. preceding is likely.

Issued: OCT 24 1980

Effective: NOV 2 4 1980

BY R. R. SHOCKLEY, Vice President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Line Service Tariff
Section 1
2nd Revised Sheet 50.04
Replacing 1st Revised Sheet 50.04

## REGULATIONS

- 1.6 CONNECTIONS-(Continued)
  - 1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)
- D. Communications Systems-(Continued)
  - 1. (Continued)
    - f. (Continued)
      - (1) (Continued)
        - (b) Harm has occurred and there is reason to believe this harm was a result of operations performed under the Institutional Procedures set forth in Paragraph 1.6.4, D.1.e., preceding.
    - (2) The extraordinary procedures which can be invoked by the Telephone Company include:
      - (a) Requiring the use of protective apparatus which either protects solely against signal power or which assures that all of the requirements of the Federal Communications Commission's Rules and Regulations are met at the Private Line Service Demarcation Point. This protective apparatus may be provided by either the Telephone Company or the customer.
      - (b) Disconnecting service.
    - (3) A charge equal to the Maintenance of Service Charge as provided in Paragraph 1.6.1, B.3., preceding, will apply when:
      - (a) It is necessary to send a Telephone Company employee to the premises where the connection is made because a condition set forth in Paragraph 1.6.4, D.1.f.(1), preceding, exists, and
      - (b) A failure to comply with the Federal Communications Commission's Rules and Regulations or the Institutional Procedures for signal power control in Paragraph 1.6.4, D.1.e., preceding, is disclosed.

Issued: December 10, 1991 Effective: May 09, 1992

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Private Line Service Tariff Section 1 lst\_Revised Sheet 50.04 Replacing Original Sheet 50.04

#### REGULATIONS

1.6 CONNECTIONS-(Continued)

DEC 29 1283

(CT) 1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission Sure Stration MMISSION Program-(Continued)

D. Communications Systems-(Continued)

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(1) (Continued)

**Public Service Commission** 

- (b) Harm has occurred and there is reason to believe this harm was a result of operations performed under the Institutional Procedures set forth in Paragraph 1.6.4, D.1.e., preceding.
- (2) The extraordinary procedures which can be invoked by the Telephone Company include:
  - (a) Requiring the use of protective apparatus which either protects solely against signal power or which assures that all of the requirements of the Federal Communications Commission's Rules and Regulations are met at the Private Line Service network interface. This protective apparatus may be provided by either the Telephone Company or the customer.
  - (b) Disconnecting service.

A charge equal to the Maintenance of Service Charge as provided in Paragraph 1.6.1, B.3., preceding, will apply when:

- It is necessary to send a Telephone Company employee to the premises where the connection is made because a condition set forth in Paragraph 1.6.4, D.1.f.(1), preceding, exists, and
- (b) A failure to comply with the Federal Communications Commission's Rules and Regulations or the Institutional Procedures for signal power control in Para graph 1.6.4, D.1.e., preceding, is disclosed [1] [2]

JAN - 1 1984

Public Service Commission

Issued: DEC 29 1983

Effective:

By R. D. BARRON, Vice President-Missouri Southwestern Bell Telephone Company

St. Louis, Missouri

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Private Line Service Tariff Section 1 Original Sheet 50.04

### REGULATIONS

- CONNECTIONS-(Continued)
- 1.6.4 Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)

Communications Systems-(Continue) NOELLED

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f. (Continued)

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> > (b) Harm has occurred, and there is reason to believe this harm was a result of operations performed under the Institutional Procedures set forth in e. preceding.

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PUBLIC SERVICE COMMISSION

OF MISSOURI

- The extraordinary procedures which can be invoked by the Telephone Company include:
  - Requiring the use of protective apparatus which either protects solely against signal power or which assures that all of the requirements of the Federal Communications Commission's Rules and Regulations are met at the private line service interface. This protective apparatus may be provided by either the Telephone Company or the customer.
  - (b) Disconnecting service.
- A charge equal to the Maintenance of Service charge as provided in 1.6.1, B.3 will apply when:
  - It is necessary to send a Telephone Company employee to the premises where the connection is made because a condition set forth in (1) preceding exists, and
  - A failure to comply with the Federal Communications Commission's Rules and Regulations or the Institutional Procedures for signal power control in e. preceding is disclosed. Nov #3 1980

An entrance facility (Series 1000) channel or channels created therefrom in accordance with the provision of 1.6.5 following may be connected at such customer's or user's premises to other customer-provided communications systems in accordance with 1.6.4, D.1.a., b. and d. preceding.

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Issued:

OCT 2 4 1980

Effective:

NOV 2 4 1980

BY R. R. SHOCKLEY, Vice President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Private Line Service Tariff
Section 1
2nd Revised Sheet 51
Replacing 1st Revised Sheet 51

## **REGULATIONS**

- 1.6 CONNECTIONS (Continued)
- (CT) 1.6.4. Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (Continued)
  - D. Communications Systems (Continued)

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(RT)

By R. D. BARRON, Vice President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

Effective: January 1, 1984

Issued: December 29, 1983

Private Line Service Tariff Section 1 1st Revised Sheet 51 Replacing Original Sheet 51

### REGULATIONS

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(CT) 1.6 CONNECTIONS-(Continued)

1.6.4 Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Regis-1.110000 tration Program-(Continued)

Public Service Commission

- D. Communications Systems-(Continued)
  - At the customer's request and where a private line is arranged for joint use as set forth in Section 1 of this Tariff, a joint user of such service may connect his own communications system to such jointly used private line on the same basis as set forth in 1.6.4, A.2 and 1.6.4, D.1, preceding and 1.6.4, F, following.
  - 4. A communications system provided by an authorized user may be connected at the premises of the authorized user to private line service furnished by the Telephone Company to a customer on which the authorized user has a station provided that:
    - The customer has a regular and continuing requirement for communications originating or terminating at the authorized user's premises at which the connection is made.
    - The normal mode of operation of the authorized user-provided communications system shall be to provide communications originating or terminating at the premises on which connection is made.
    - The connection shall be made through switching equipment provided by the customer or authorized user or by the Tele-

The connection shall be to channels of voice grade or less or to channels of voice grade or less furnished in connection JAN - 1 1984 with TELPAK service furnished by the Telephone Company or to channels created therefrom in accordance with the provisions of.1.6.5 following.

PUBLIC SERVICE COMMISSION

The connection shall be made on the same basis as set forth for the customer in 1.6.4, A.2, preceding and 1.6.4, F, following.

All communications over the interconnected facilities shall be between the customer and authorized user and relate directly to the customer's business.

Effective: SEP 2 9 1980

Issued: AUG 2 9 1980

OF MISSOURI

. Private Line Service Tariff Section 1 Original Sheet 51

## REGULATIONS

#### 1.6 CONNECTIONS-(Continued)

- 1.6.11 Connection of Customer-Provided Voice Transmitting and/or Receiving. Terminal Equipment for Recording of Two-Way Telephone Conversations-(Continued)
  - B. Acoustic, Inductive Connections-(Continued)
    - When used by a Federal Communications Commission licensed broadcast station customer for the recording of two-way telephone conversations solely for broadcast over the air.
    - When used by a public fire and police service for the recording of two-way telephone conversations provided that the proper public authority certifies that the service will be used exclusively for the receipt of emergency fire and police calls.
    - When used by the United States Secret Service of the Department of the Treasury for recording of two-way telephone conversations which concern the safety and security of the person of the President of the United States, or members of his immediate family, or the White House and its grounds.
    - When used by a broadcast network or by a cooperative programming effort exclusively of Federal Communications Commission broadcast licensees to record two-way telephone conversations solely for broadcast over the air by a licensed broadcast station.
    - 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 Long Distance Message Telecommunications, Local Exchange services or WATS Access Line.
    - Any acoustic or inductive connection permitted under Paragraph 1.6.11B preceding must also be in accordance with Paragraph 1.6.5B preceding.

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PUBLIC SERVICE COMMISSION

OF MISSOURI

Issued:

FEB 1 2 1990

Effective: MAR 1 3 1980

Private Line Service Tariff Section 1 4th Revised Sheet 52 Replacing 3rd Revised Sheet 52

### REGULATIONS

## 1.6 CONNECTIONS-(Continued)

1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)

E.

## F. Minimum Protection Criteria for Electrical Connections

- Since Private Line Services utilize Telephone Company channels and service components in
  common with other services, it is necessary in order to prevent excessive noise and crosstalk
  that the power of the signal applied to the Telephone Company Private Line Service is
  individually engineered. A single-valued limit for all applications cannot be specified.
  Therefore, the power of the signal in the band above 300 Hertz which may be applied by the
  customer-provided equipment to the network interface will be specified by the Telephone
  Company for each application to be consistent with the signal power allowed on the
  telecommunications network.
- 2. To protect other services, it is necessary that the signal which is applied by the customerprovided equipment to the Telephone Company Demarcation Point 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 Paragraph 1.6.4, F.1., above.
  - b. The power in the band from 4,005 Hertz to 10,000 Hertz shall not exceed 16dB below one milliwatt.
  - c. The power in the band from 10,000 Hertz to 25,000 Hertz shall not exceed 24dB below one milliwatt.
  - d. The power in the band from 25,000 Hertz to 40,000 Hertz shall not exceed 36dB below one milliwatt.
  - e. The power in the band above 40,000 Hertz shall not exceed 50dB below one milliwatt.

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Issued: December 10, 1991 Effective: May 9, 1992

Private Line Service Tariff

3rd Revised Sheet 52

Replacing 2nd Revised Sheet 52

REGULATIONS

1.6 CONNECTIONS-(Continued)

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Public Service Commission

(CT) 1.6.4 Connections of Customer Premises Equipment and Communications Systems
Not Subject to the Federal Communications Commission's Registration
Program-(Continued)

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(CP) F. Minimum Protection Criteria for Electrical Connections BY 4th B.5 +52-Public Service Commission

- 1. Since Private Line Services utilize Telephone Company chaseOuted service components in common with other services, it is necessary in order to prevent excessive noise and crosstalk that the power of the signal applied to the Telephone Company Private Line Service is individually engineered. A single-valued limit for all applications cannot be specified. Therefore, the power of the signal in the band above 300 Hertz which may be applied by the customer-provided equipment to the network interface will be specified by the Telephone Company for each application to be consistent with the signal power allowed on the telecommunications network.
- 2. To protect other services, it is necessary that the signal which is applied by the customer-provided equipment to the Telephone Company network 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 Paragraph 1.6.4, F.1., above.
  - b. The power in the band from 4,005 Hertz to 10,000 Hertz shall not exceed 16dB below one milliwatt.
  - c. The power in the band from 10,000 Hertz to 25,000 Hertz shall not exceed 24dB below one milliwatt.
  - d. The power in the band from 25,000 Hertz to 40,000 Hertz shall-not exceed 36dB below one milliwatt.
  - e. The power in the band above 40,000 Hertz shall not exceed 50dB below one milliwatt.

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Public Service Commission

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Private Line Service Tariff
Section 1
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## REGULATIONS

## 1.6 CONNECTIONS-(Continued)

1.6.4 Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission Register tration Program-(Continued)

#### E. Accessories

Accessories provided by a customer may be used with private line service provided that such accessories comply with the provisions of 1.6.1, B and 1.6.4, A.2.b.(2), preceding.

- F. Minimum Protection Criteria for Electrical Connections
  - 1. Since private line services utilize Telephone Company channels and equipment in common with other services, it is necessary in order to prevent excessive noise and crosstalk that the power of the signal applied to the Telephone Company private line service is individually engineered. A single valued limit for all applications cannot be specified. Therefore, the power of the signal in the band above 300 Hertz which may be applied by the customer-provided equipment to the interface will be specified by the Telephone Company for each application to be consistent with the signal power allowed on the telecommunications network.
  - 2. To protect other services, it is necessary that the signal which is applied by the customer-provided equipment to the Telephone Company interface located on the customer's premises meet the following limits:
    - a. The power in the band from 3,995 Hertz to 4,005 Hertz shall be at least 18dB below the power of the signal as specified in 1 above.

GANGEL be power in the band from 4,005 Hertz to 10,000 Hertz shall not exceed 16dB below one milliwatt.

JAN - 1 1984. The power in the band from 10,000 Hertz to 25,000 Hertz shall ord 50 not exceed 24dB below one milliwatt.

PUBLIC SERVICE CONMUSSION power in the band from 25,000 Hertz to 40,000 Hertz shall of missouri not exceed 36dB below one milliwatt.

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

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BY R. R. SHOCKLEY, Vice President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

(CT)

Private Line Service Tariff Section 1 1st Revised Sheet 52 Replacing Original Sheet 52

#### REGULATIONS

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## CT) 1.6 CONNECTIONS-(Continued)

1.6.4 Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued) ไม้เรื่องปริก

E. Accessories

Public Service Commission

Accessories provided by a customer may be used with private line service provided that such accessories comply with the provisions of 1.6.1, B and 1.6.4, A.2.b.(2), preceding.

- F. Minimum Protection Criteria for Electrical Connections
  - Since private line services utilize Telephone Company channels and equipment in common with other services, it is necessary in order to prevent excessive noise and crosstalk that the power of the signal applied to the Telephone Company private line service is individually engineered, a single valued limit for all applications cannot be specified. Therefore, the power of the signal in the band above 300 Hertz which may be applied by the customer-provided equipment to the interface will be specified by the Telephone Company for each application to be consistent with the signal power allowed on the telecommunications network.
  - 2. To protect other services, it is necessary that the signal which is applied by the customer-provided equipment to the Telephone Company interface located on the customer's premises meet the following (1)
    - The power in the band from 3,995 Hertz to 4,005 Her be at least 18dB below the power of the signal as specified 21 1981 in 1 above.
    - b. The power in the band from 4,005 Hertz to 10,000 Hertz sh not exceed 16dB below one milliwatt. PUBLIC
    - 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.
    - The power in the band above 40,000 Hertz shall not exceed 50dB below one milliwatt.

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AUG 2 9 1980 BY R. R. SHOCKLEY, Vice President-Missouri

Southwestern Bell Telephone Company St. Louis, Missouri

Private Line Service Tariff
Section 1
Original Sheet 52

REGULATIONS

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## 1.6 CONNECTIONS-(Continued)

1.6.12 Connection of Attested Customer-Provided Terminal Equipment

Customer-provided terminal equipment, listed below, which meets the standards and procedures set forth by the Telephone Company in its technical references may be connected to facilities furnished by the Telephone Company in accordance with the following:

- A. The connection shall be made through an interface termination (e.g., headset jack) provided by the Telephone Company.
- B. The Telephone Company will cause to have issued an identification number for each specific model or type of equipment which indicates compliance with standards, and procedures set forth by the Telephone Company's technical references. Such identification number must appear on each unit of attested equipment utilized pursuant to this regulation.
- C. The customer must notify the Telephone Company of his intention to connect attested terminal 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:
  - 1. Be connected to a source of electrical power which is external to the telephone network;
  - 2. Be grounded;
  - 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 Paragraph 1.6.5 preceding);
  - 5. Use wiring external to such equipment that is permanently affixed at the site of installation other than portable connections compatible with the interface terminations provided by the Telephone Company.

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Private Line Service Tariff
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3rd Revised Sheet 53
Replacing 2nd Revised Sheet 53

## REGULATIONS

## 1.6 CONNECTIONS-(Continued)

- 1.6.4 Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)
- F. Minimum Protection Criteria for Electrical Connections-(Continued)
  - 3. Where there is connection to telecommunications services 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 Telephone Company Demarcation Point located on the customer's premises at no time has 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.
  - 4. With Customer Premises Equipment being utilized, signals having components in the frequency spectrum below 300 Hertz, excluding ringing signals, the currents and voltages (including all harmonics and spurious signals) at the Demarcation Point shall not exceed the limits indicated in Paragraphs 1.6.4, F.4.a. through d., following:
    - a. The maximum rms (root-mean-square) value, including dc and ac components of the current per conductor will be specified by the Telephone Company, but in no case will the specified value exceed 0.35 ampere.
    - b The magnitude of the peak of the conductor to ground voltage shall not exceed 70 volts.
    - c. The conductor-to-conductor voltage shall be such that the conductor- to-ground voltage limit in b., above, is not exceeded. If the signal source is not grounded, the voltage limit in Paragraph 1.6.4, F.4.b., above, applies to the conductor-to-conductor voltage.
    - d. The total weighted rms voltage within the band from 50 Hertz to 300 Hertz shall not exceed 100 volts. The total weighted rms voltage is the square root of the sum of the products of the weighting factors for the individual frequency components times the square of the rms voltage of the individual frequency components. The weighting factors are as indicated:

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June 29, 2007
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Missouri Public
Service Commission

(CT)

(CT)

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

REGULATIONS

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1.6 CONNECTIONS-(Continued)

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- (CT) 1.6.4 Connections of Customer Premises Equipment and Communications-Systems
  Not Subject to the Federal Communications Commission's Registration
  Program-(Continued)
- (CP) F. Minimum Protection Criteria for Electrical Connections-(Continued)
  - 3. Where there is connection to telecommunications services 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 Telephone Company network interface located on the customer's premises at no time has 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.
- (CP)
  4. With Customer Premises Equipment being utilized, signals having components in the frequency spectrum below 300 Hertz, excluding ringing signals, the currents and voltages (including all harmonics and spurious signals) at the network interface shall not exceed the limits indicated in Paragraphs 1.6.4, F.4.a. through d., following:
  - a. The maximum rms (root-mean-square) value, including dc and ac components of the current per conductor will be specified by the Telephone Company, but in no case will the specified value exceed 0.35 ampere.
  - b. The magnitude of the peak of the conductor to ground voltage CANCELLED
  - c. The conductor-to-conductor voltage shall be such that the AY 9 1992 conductor-to-ground voltage limit in b., above, is not explain to the signal source is not grounded, the voltage limit in Paragraph 1.6.4, F.4.b., above, applies Public Service Commission conductor-to-conductor voltage.

    MISSOURI
  - d. The total weighted rms voltage within the band from 50 Hertz to 300 Hertz shall not exceed 100 volts. The total weighted rms voltage is the square root of the sum of the products of the weighting factors for the individual frequency components times the square of the rms voltage of the individual frequency components. The weighting factors are as indicated: 1 1934

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Public Service Commission

Issued: DEC 29 1983

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## REGULATIONS

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## CT) 1.6 CONNECTIONS-(Continued)

1.6.4 Connections of Customer-Provided Terminal Equipment and Communications

Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)

Public Service Commission !

- F. Minimum Protection Criteria for Electrical Connections (Continued)
  - 3. Where there is connection to telecommunications services, 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 Telephone 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.
  - 4. Where customer-provided equipment applies signals having components in the frequency spectrum below 300 Hertz, excluding ringing signals, the currents and voltages (including all harmonics and spurious signals) at the interface shall not exceed the limits indicated in a. through d. following:
    - a. The maximum rms (root-mean-square) value, including dc and ac components of the current per conductor will be specified by the Telephone Company, but in no case will the specified value exceed 0.35 ampere.
    - b. The magnitude of the peak of the conductor to ground voltage shall not exceed 70 volts.

The conductor-to-conductor voltage shall be such that the conductor-to-ground voltage limit in b., above is not exceeded. If the signal source is not grounded, the voltage limit in b., above applies to the conductor-to-conductor JAN-1

PUBLIC SERVICE COMMISSION Hertz shall not exceed 100 volts. The total weighted of missour rms voltage is the square root of the sum of the products of the weighting factors for the individual frequency components times the square of the rms voltage of the individual frequency components. The weighting factors are as indicated:

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Private Line Service Tariff Section 1 Original Sheet 53

## REGULATIONS

## 1.6 CONNECTIONS-(Continued)

- Connection of Attested Customer-Provided Terminal Equipment-(Continued) 1.6.12
  - Attested equipment must comply with the minimum network protection criteria set forth for direct electrical connection of customer-provided voice terminal equipment in Paragraph 1.6.5 preceding.

Customer-provided terminal equipment which does not meet standards and procedures set forth by the Telephone Company in its technical references, although previously attested, may not be used with the services of the Telephone Company except in accordance with the provisions of Paragraph 1.6.10A preceding.

# Terminal Equipment

Headset Non-powered Conferencing Equipment

Connection of a Conforming Answering Device 1.6.13

> A conforming answering device may be connected to facilities furnished by the Telephone Company in accordance with the following:

- The customer shall notify the Telephone Company of his intention to connect a conforming answering device. Such notification shall include the location at which the conforming answering device is to be used as well as the conformance number of the conforming answering device.
- The conforming answering device shall only be connected by means of a jack or jack arrangement provided by the Telephone Company.
- The conforming answering device shall not be used to transmit or receive data signals.
- The conforming answering device shall not be used to originate calls.

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Private Line Service Tariff
Section 1
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#### REGULATIONS

- 1.6 CONNECTIONS (Continued)
- (CT) 1.6.4. Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (Continued)
  - F. Minimum Protection Criteria for Electrical Connections- (Continued)
    - 4. (Continued)
      - d. (Continued)

for frequencies between	weighting factor
50 Hertz and 100 Hertz	$f^2/10^4$
100 Hertz and 300 Hertz	$f^{3.3}/10^{6.6}$

where f is the numerical value of the frequency, in Hertz, of the frequency component being weighted.

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#### REGULATIONS

CT) 1.6 CONNECTIONS-(Continued)

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- 1.6.4 Connections of Customer-Provided Terminal Equipment and Communications
  Systems Not Subject to the Federal Communications Commission & Regustration Program-(Continued)
- F. Minimum Protection Criteria for Electrical Connections (Continued) rubic Service Commission
  - 4. (Continued)
    - d. (Continued)

for frequencies between weighting factor

50 Hertz and 100 Hertz  $f^2/10^4$ 100 Hertz and 300 Hertz  $f^{3.3}/10^{6.6}$ 

where f is the numerical value of the frequency, in Hertz, of the frequency component being weighted.

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- G. Acoustic or Inductive Connections
  - 1. General
    - a. Customer-provided voice or deficient to the confirment (including telephotograph equipment) may be active to a private line service connected at the customer's premises to a private line service provided the acoustic or inductive connection is made externally to the network control signaling unit when such unit is provided by the Telephone Company.
    - b. Customer-provided communications systems may be acoustically or inductively connected with private line service as specified in (1) following, provided the acoustic or inductive connection is made externally to the network control signaling unit when such unit is provided by the Telephone Company.
      - (1) Customer-provided communications systems may be connected at the premises of the customer or authorized user where the customer has a regular and continuing requirement for the origination or termination of communications over the customer-provided communications system provided that:

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BY R. R. SHOCKLEY, Vice President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri ( 1000

Private Line Service Tariff
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Original Sheet 54

## REGULATIONS

- 1.6 CONNECTIONS-(Continued)
- 1.6.13 Connection of a Conforming Answering Device-(Continued)
  - E. The conforming answering device shall be operated and maintained in accordance with those instructions furnished with such conforming answering device as required by the Telephone Company's Technical Reference for Conforming Answering Devices.
  - F. The conforming answering device shall comply with the minimum network protection criteria set forth in Paragraph 1.6.5 preceding.

In the event that an answering device bearing a conformance number does not meet the requirements of the Telephone Company's Technical Reference for Conforming Answering Devices, the customer using such answering device shall either disconnect the device from the Telephone Company's facilities or arrange for connection of the device in accordance with the provisions of Paragraph 1.6.10 preceding.

- 1.6.14 Customer-Provided Communication Systems
  - A. Direct Electrical Connections
    - 1. To protect the telecommunications network when customer-provided communications systems are connected with (1) Private Line service provided by the Telephone Company arranged for connection to Long Distance Message Telecommunications service, Local Exchange service, or WATS access line or (2) station apparatus provided by the Telephone Company as a part of a service provided by the Telephone Company to the same customer, such connection of customer-provided communications systems shall be through a connecting arrangement as provided in the General Exchange Tariff.
    - 2. Customer or authorized user-provided communications systems, including channels derived from such systems, may be connected with Private Line services of voice grade or less, furnished to the same customer at premises of the customer or authorized user where the customer has a regular and continuing requirement for the origination or termination of communications over the customer-provided communications systems provided that:

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OF MISSOURI

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Section 1
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## **REGULATIONS**

1.6 CONNECTIONS - (Continued)

(CT) 1.6.4. Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program - (Continued)

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Section 1
. 1st Revised Sheet 55
Replacing Original Sheet 55

#### REGULATIONS

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- (CT) 1.6 CONNECTIONS-(Continued)
  - 1.6.4 Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)
  - G. Acoustic or Inductive Connections-(Continued)
- Public Service Commission

- 1. General-(Continued)
  - b. (Continued)
    - (1) (Continued)
      - (a) The normal mode of operation of the customer-provided communications system shall be to provide communications originating or terminating at the premises on which the connection is made.
      - (b) The connection shall be to channels of voice grade or less or to channels of voice grade or less furnished in connection with TELPAK service furnished by the Telephone Company.
  - c. At the customer's request and where a private line is arranged for joint use, a joint user of such service may acoustically or inductively connect his own communications system to such jointly used private line on the same basis as set forth for the customer in b. preceding.
  - d. A communications system provided by an authorized user may be acoustically or inductively connected at the premises of the authorized user with Telephone Company facilities for private line service, on which the authorized user has a station, provided that:

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## REGULATIONS

# 1.6 CONNECTIONS-(Continued)

1.6.14 Customer Provided Communication Systems-(Continued)

A. Direct Electrical Connections-(Continued)

## 2. (Continued)

- a. The normal mode of operation of the communications systems shall be to provide communications originating or terminating at the premises on which the connection is made.
- b. The connection shall be made through switching equipment provided either by the customer, authorized user or by the Telephone Company.
- c. The connection shall be to channels of voice grade or less or to channels of voice grade or less furnished in connection with TELPAK service.
- 3. Minimum Protection Criteria

Customer-provided communications systems which involve direct electrical connection must comply with the minimum protection criteria set forth in Paragraph 1.6.5 preceding.

- 4. At the customer's request and where a Private Line service is arranged for joint use, a joint user of such service may connect a communications system to such jointly used private line on the same basis as set forth for the customer in Paragraph 1.6.14A.2 and 1.6.14A.3 preceding.
- B. Acoustic, Inductive Connections

Customer-provided communications systems may be acoustically or inductively connected with Telephone Company furnished Private Line service as specified in Paragraph 1.6.14B.1 and 1.6.14B.2 following, provided the acoustic or inductive connection is made externally to Telephone Company voice transmitting and receiving equipment.

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## **REGULATIONS**

1.6 CONNECTIONS - (Continued)

(CT) 1.6.4. Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program - (Continued)

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Private Line Service Tariff
Section 1
2nd Revised Sheet 56
Replacing 1st Revised Sheet 56

REGULATIONS

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- 1.6 CONNECTIONS-(Continued)
  - 1.6.4 Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)
  - G. Acoustic or Inductive Connections-(Continued)
    - General-(Continued)
      - d. (Continued)
        - (1) The normal mode of operation of the authorized userprovided communications system shall be to provide communications originating or terminating at the premises on which the connection is made:
        - (2) The customer has a regular and continuing requirement for communications originating or terminating at the authorized user's premises at which the connection is made.
        - (3) The connection shall be to channels of voice grade or less or to channels of voice grade or less furnished in connection with TELPAK service furnished by the Telephone Company.
        - (4) The connection shall be made on the same basis as set forth for the customer in (b), preceding.
        - (5) All communications over the interconnected facilities shall be between the customer and authorized user and relate directly to the customer's business.
      - e. Customer-provided tone-type address signaling is permitted through such connections; however, the services of the Telephone Company are not designed for such use, and the Telephone Company makes no representation as to the reliability of address signaling manner.

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BY R. R. SHOCKLEY, Vice President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

(CT)

Private Line Service Tariff
Section 1
1st Revised Sheet 56
Replacing Original Sheet 56

## REGULATIONS

- (CT) 1.6 CONNECTIONS-(Continued)
  - 1.6.4 Connections of Customer-Provided Terminal Equipment and Communications

    Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)
  - G. Acoustic or Inductive Connections-(Continued)

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1. General-(Continued)

d. (Continued)

- (1) The normal mode of operation of the authorized userprovided communications system shall be to provide communications originating or terminating at the premises on which the connection is made.
- (2) The customer has a regular and continuing requirement for communications originating or terminating at the authorized user's premises at which the connection is made.
- (3) The connection shall be to channels of voice grade or less or to channels of voice grade or less furnished in connection with TELPAK service furnished by the Telephone Company.
- (4) The connection shall be made on the same basis as set forth for the customer in (2), preceding.
- (5) All communications over the interconnected facilities shall be between the customer and authorized user and relate directly to the customer's business.
- e. Customer-provided tone-type address signaling is permitted through such connections; however, the services of the Telephone Company are not designed for such use, and the Telephone Company makes no propresentation as to the reliability of address signal head that is performed in such manner.

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Effective: SEP 2 9 1980

Private Line Service Tariff Section 1 Original Sheet 56

## REGULATIONS

- 1.6 CONNECTIONS-(Continued)
- 1.6.14 Customer Provided Communication Systems-(Continued)
  - B. Acoustic, Inductive Connections-(Continued)
    - 1. Customer or authorized user-provided communications systems may be connected to Private Line services furnished to the same customer at premises of the customer or authorized user where the customer has a regular and continuing requirement for the origination or termination of communications over the customer or authorized userprovided communications systems provided that:
      - The normal mode of operation of the communications systems shall be to provide communications originating or terminating at the premises on which the connection is made.
      - The connection shall be to channels of voice grade or less, a channel of voice grade or less furnished in connection with TELPAK service or an entrance facility.
    - 2. Customer-provided communications systems which involve acoustic or inductive connectors must comply with the minimum protection criteria set forth in Paragraph 1.6.5 preceding.
    - 3. At the customer's request and where a private line is arranged for joint use, a joint user of such service may acoustically or inductively connect a communications system to such jointly used Private Line service on the same basis as set forth for the customer.

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Private Line Service Tariff
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2nd Revised Sheet 57
Replacing 1st Revised Sheet 57

## **REGULATIONS**

1.6 CONNECTIONS - (Continued)

(CT) 1.6.4. Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program - (Continued)

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Issued: December 29, 1983 Effective: January 1, 1984

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1st Revised Shect 57
Replacing Original Sheet 57

## REGULATIONS

CT) 1.6 CONNECTIONS-(Continued)

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- 1.6.4 Connections of Customer-Provided Terminal Equipment and Communications
  Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)

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- G. Acoustic or Inductive Connections-(Continued)

2. Minimum Protection Criteria

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- a. Since private line services utilize Telephone Company channels and equipment in common with other services, it is necessary in order to prevent excessive noise and crosstalk that the power of the signal applied to the Telephone Company private line service be limited. Because each private line service is individually engineered, a single valued limit for all applications cannot be specified. Therefore, the power of the signal which may be applied by the customer-provided equipment to the interface will be specified by the Telephone Company for each application to be consistent with the signal power allowed on the telecommunications network.
- b. To protect other services, it is necessary that the signal of the which is applied by the customer-provided equipment to the following limits at the output of the network control signal of the naling unit:
  - (1) The power in the band from 3,995 Hertz to 4,003YHertz Shall be at least 18dB below the power of the STRAGISERVICE COMMISSION as specified in a., preceding.
  - (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 above 40,000 Hertz shall not exceed 50dB below one milliwatt.

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REGULATIONS

1.6 CONNECTIONS-(Continued)

1.6.15 Entrance Facilities - Series 1000

A. Description

Entrance facility channels are furnished to the customer by the Telephone Company for the purpose of extending customer-provided communications systems to a service point of the customer, authorized user or to Centrex Control Switching Equipment serving the premises of the customer or authorized user for use at such premises.

These channels are furnished for half-duplex or duplex operation on a two-point basis. The approximate bandwith is 300-3000 Hertz.

B. Regulations

Customer-provided communications systems may be connected through connecting arrangements furnished by the Telephone Company with entrance facilities furnished to the same customer for the purpose of extending the customer-provided communications systems to a service point of the customer or authorized user. The channels created therefrom, in accordance with Paragraph 1.6.8 preceding, may be connected at such customer's or authorized user's service point to other customer-provided communications systems in accordance with Paragraph 1.6.14A.2a, 1.6.14A.2b and 1.6.14A.2c preceding.

Entrance facilities are furnished (1) within an exchange, or (2) where the customer's or authorized user's service point is located 25 airline miles or less from the point at which the customer-provided communications channel is connected to the Telephone Company entrance facility.

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OF MISSOURI

78-235

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Private Line Service Tariff
Section 1
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Replacing 3rd Revised Sheet 58

#### REGULATIONS

- 1.6 CONNECTIONS (Continued)
- (CT) 1.6.4. Connections of Customer Premises Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program (Continued)
  - 1.6.5 Channel Derivation Devices

Customer-provided channel derivation devices which are used to create additional channels in accordance with Paragraphs 1.6.5, A. and B., following, may be connected to Private Line Services subject to Paragraphs 1.6.1, 1.6.2 and 1.6.3, preceding

- A. Subject to the normal transmission characteristics of the Private Line Service ordered, the customer may create additional channels from the service ordered through the use of channel derivation equipment located at his premises. Channel derivation equipment can be used with any service except Medium Speed Facsimile.
- B. The Telephone Company makes no representation as to: (1) the suitability of the channels it provides for such subdivision into additional channels by derivation equipment or (2) the suitability of the resultant derived channels for any communications purpose.

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3rd Revised Sheet 58
Replacing 2nd Revised Sheet 58

REGULATIONS

1.6 CONNECTIONS-(Continued)

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Public Service Commission

(CT) 1.6.4 Connections of Customer Premises Equipment and Communications Systems
Not Subject to the Federal Communications Commission's Registration
Program-(Continued)

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(RT)

1.6.5 Channel Derivation Devices

(C) Customer-provided channel derivation devices which are used to create additional channels in accordance with Paragraphs 1.6.5, A. and B., following, may be connected to Private Line Services subject to Paragraphs 1.6.1, 1.6.2 and 1.6.3, preceding.

- A. Subject to the normal transmission characteristics of the Private Line Service ordered, the customer may create additional channels from the service ordered through the use of channel derivation equipment located at his premises. Channel derivation equipment can be used with any service except TELPAK (Series 500) and Medium Speed Facsimile.
  - B. The Telephone Company makes no representation as to: (1) the suitability of the channels it provides for such subdivision into additional channels by derivation equipment or (2) the suitability of the resultant derived channels for any communications purpose.

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Private Line Service Tariff
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### REGULATIONS

1.6 CONNECTIONS-(Continued)

JAN 21 1981

- 1.6.4 Connections of Customer-Provided Terminal Equipment and Communications Systems Not Subject to the Federal Communications Commission's Registration Program-(Continued)
- G. Acoustic or Inductive Connections-(Continued)
  - 2. Minimum Protection Criteria-(Continued)
    - c. When there is connection to telecommunications service 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 Telephone Company-provided voice transmitting and receiving equipment located on the customer's premises be limited so that the signal at the output of the Telephone Company-provided voice transmitting and receiving equipment shall at no time have energy solely in the 2450 to 2750 Hertz band. If there is signal power at the output of the Telephone Company-provided voice transmitting and receiving equipment 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.
- 1.6.5 Channel Derivation Devices

Customer-provided channel derivation devices which are used to create additional channels in accordance with A. and B. following may be connected to private line services subject to 1.6.1, 1.6.2 and 1.6.3 preceding.

- (CT) A. Subject to the normal transmission characteristics of the private line service ordered, the customer, authorized user or joint user may create additional channels from the service ordered through the use of channel derivation equipment located at his premises. Channel derivation equipment can be used with any service except TELPAK (Series 500) and Medium Speed Facsimile.
- (CT) B. The Telephone Company makes no representation as to: (1) the suitability of the channels it provides for such subdivision into additional channels by derivation equipment, or (2) the suitability of the resultant derived channels for any communications purpose.

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REGULATIONS

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- (CT) 1.6 CONNECTIONS-(Continued)
  - 1.6.4 Connections of Customer-Provided Terminal Equipment and Communications
    Systems Not Subject to the Federal Communications Commission is Registration Program-(Continued)

    Public Service Commission
  - G. Acoustic or Inductive Connections-(Continued)
    - Minimum Protection Criteria-(Continued)
      - c. When there is connection to telecommunications service 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 Telephone Company-provided voice transmitting and receiving equipment located on the customer's premises be limited so that the signal at the output of the Telephone Company-provided voice transmitting and receiving equipment shall at no time have energy solely in the 2450 to 2750 Hertz band. If there is signal power at the output of the Telephone Company-provided voice transmitting and receiving equipment 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.
  - 1.6.5 Channel Derivation Devices

Customer-provided channel derivation devices which are used to create additional channels in accordance with A. and B. following may be connected to private line services subject to 1.6.1, 1.6.2 and 1.6.3 preceding.

- A. The customer, authorized user or joint user by use of equipment in accordance with the normal transmission characteristics of the grade of channel ordered may create additional channels for any type of communication by subdividing a channel or voice grade or less or an Entrance Facility. However, such channels may not be created from a TELPAK (Series 500) channel of less than voice grade or medium Speed Facsimile Channels.
- B. The Telephone Company makes no representation as to the suitability of private line services provided by the Telephone Company for such subdivision into additional charges by such customer-provided equipment.

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Private Line Service Tariff Section 1 11 Original Sheet 58

# REGULATIONS

1.6 CONNECTIONS-(Continued)

1.6.15 Entrance Facilities - Series 1000-(Continued)

- Connection of Customer-Provided Terminal Equipment or Communications Systems to Telephone Company Entrance Facilities
  - Customer-provided communications channels may be connected with entrance facilities furnished by the Telephone Company for the purpose of extending the customer-provided communications channels. The connection shall be through connecting arrangements furnished, installed and maintained by the Telephone Company.
  - Entrance facilities may be connected to customer-provided transmitting and receiving terminal equipment or to customer-provided communications systems for the purpose of communicating with transmitting and receiving terminal equipment located on the premises on which the service point is located. The connection shall be through connecting arrangements furnished, installed and maintained by the Telephone Company.
- Minimum Protection Criteria D.

Customer-provided channels, communications systems or terminal equipment must comply with the minimum protection criteria set forth in Paragraph 1.6.5 preceding.

E. Rates and Charges - Monthly Service ,

Special equipment and arrangement charges are applied for entrance facilities on a case-by-case basis.

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PUBLIC SERVICE COMMISSION

OF MISSOURI

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Private Line Service Tariff Section 1 1st Revised Sheet 58.01 Replacing Original Sheet 58.01

**REGULATIONS** 

1.6 CONNECTIONS - (Continued)

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Private Line Service Tariff Section 1 Original Sheet 58.01

## REGULATIONS

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1.6 CONNECTIONS-(Continued)

(AT) 1.6.6 Equipment-to-Equipment Connections

- A. Equipment-to-Equipment connections, as defined in 1.5 preceding, will only be permitted with Telephone Company-provided host terminal equipment and communications systems when:
  - The supplier of the added equipment insures compliance of the combined host and added equipment, including wiring, with the Federal Communications Commission's Rules and Regulations and Section 1.6 of this tariff.
  - Connection 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 housings.
    - b. Permits reasonable trouble isolation, as determined by the Telephone Company.
    - c. Is otherwise acceptable to the Telephone Company for the specific connection to be accomplished.
  - 3. Such permission does not necessitate disclosure, by the Telephone Company, of information which is proprietary in nature.
  - 4. The customer subscribing to the host notifies the Telephone Company of the added equipment and the host terminal equipment or communications system 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.
- B. The Telephone Company reserves the right to not allow, or to require disconnection of, an equipment-to-equipment connection to any Telephone Company-provided host terminal equipment or communications system for reasons including, but not limited to:
  - 1. Incompatibility of a specific equipment ftd equipment connection with the design and/or functioning of a specific host or impairment in the performance of a specific host following such connection.

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**REGULATIONS** 

1.6 CONNECTIONS - (Continued)

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Issued: December 29, 1983 Effective: January 1, 1984

Private Line Service Tariff
Section 1
Original Sheet 58.02

REGULATIONS

1.6 CONNECTIONS-(Continued)

JAN 21 1981

- (AT) 1.6.6 Equipment-to-Equipment Connections-(Continued)
  - B. (Continued)
    - 2. Inability to accommodate an equipment-to-equipment connection without manufacturing or other modifications to the host which, in the opinion of the Telephone Company, are unwarranted.
  - C. Rates and charges for equipment-to-equipment connections 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 of Service Charge specified in 1.6.1, B.3, 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.

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Effective: FEB 2 1 1981

Private Line Service Tariff
Section 1
3rd Revised Sheet 59
Replacing 2nd Revised Sheet 59

## REGULATIONS

- 1.6 CONNECTIONS (Continued)
- (CP) 1.6.7 Connections of Certain Facilities of Power, Pipeline and Railroad Companies(1)

Service components 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 Paragraphs 1.6.3 and 1.6.4, D., preceding, be connected with services furnished by the Telephone Company to the same customer, subject to the following:

- A. Such connections will be made by means of switching or connecting equipment furnished by the Telephone Company.
- B. Such customer telephone service components will be connected to private line services furnished by the Telephone Company for voice transmission and utilizing a Series 300(1) or 400 channel when furnished to the same customer, for communications with service points associated with such services; provided, however, that service components of the customer will not be connected to a local or toll central office line to form a through connection except as follows:
  - 1. In cases of emergency involving safety of life or property;
  - 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;
  - In cases where the customer service components serve locations where it is impracticable because of hazard or inaccessibility for the Telephone Company to furnish its service components; and
  - 4. During an interim period in cases where the customer has arranged for replacement of said customer service components with service components of the Telephone Company.
- (CP) C. Telephone circuits of such companies will be connected to a local or toll central office line to form a through connection only through manual switching equipment or an attendant's position of dial PBX equipment. Such equipment or position may be located at either or both ends of the customer's circuit.
- (AT) (1) Obsolete-applicable to existing installations at existing locations for existing customers.

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Private Line Service Tariff
Section 1
2nd Revised Sheet 59
Replacing 1st Revised Sheet 59

REGULATIONS

JAN 21 1981

- 1.6 CONNECTIONS-(Continued)
- (FC) 1.6.7 Connections of Certain Facilities of Power, Pipeline and Railroad Companies

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 1.6.3 and 1.6.4, D, preceding, be connected with services furnished by the Telephone Company to the same customer, subject to the following:

- A. Such connections will be made by means of switching or connecting equipment furnished by the Telephone Company.
- B. Such customer telephone facilities will be connected to private line services furnished by the Telephone Company for voice transmission and utilizing a Series 300 or 400 channel when furnished to the same customer, for communications with stations associated with such services; provided, however, that facilities of the customer will not be connected to a local or toll central office line to form a through connection except as follows:
  - In cases of emergency involving safety of life or property;

GANGELLE 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 Grailroad, or the repair, maintenance or construction of railroad rights-of-way, structures or equipment;

PUBLIC SERVICE COMMISSION

- OF MISSOURE 3. In cases where the customer facilities serve locations where it is impracticable because of hazard or inaccessibility for the Telephone Company to furnish its facilities; and
  - 4. During an interim period in cases where the customer has arranged for replacement of said customer facilities with facilties of the Telephone Company.
  - C. Telephone circuits of such companies will be connected to a local or toll central office line to form a through connection only through manual switching equipment or an attendant's position of dial PBX equipment furnished to the customer by the Telephone Company. Such equipment or position may be located at either or both ends of the customer's circuit.

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Private Line Service Tariff
Section 1
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Replacing=Original Sheet 59

## REGULATIONS

(CT) 1.6 CONNECTIONS-(Continued)

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1.6.6 Connections of Certain Facilities of Power, Pipeline and Railroad Companies

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 1.6.3 and 1.6.4, D, preceding, be connected in the following:

- A. Such connections will be made by means of switching 20r connecting equipment furnished by the Telephone Company.
- B. Such customer telephone facilities will be to be the customer telephone Company for the customer and utilizing a Series 300 or 400 channel when furnished to the same customer, for communications with stations associated with such services; provided, however, that facilities of the customer will not be connected to a local or toll central office line to form a through connection except as follows:
  - 1. In cases of emergency involving safety of life or property;
  - 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;
  - In cases where the customer facilities serve locations where it is impracticable because of hazard or inaccessibility for the Telephone Company to furnish its facilities; and
  - 4. During an interim period in cases where the customer has arranged for replacement of said customer facilities with facilties of the Telephone Company.
- C. Telephone circuits of such companies will be connected to a local or toll central office line to form a through connection only through manual switching equipment or an attendant's position of dial PBX equipment furnished to the customer by the Telephone Company. Such equipment or position may be located at either or both ends of the customer's circuit.

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REGULATIONS

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Section 1
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# 1.6 CONNECTIONS-(Continued)

1.6.16 Connections With Certain Facilities of Customers

Customer facilities for private line telephone, data transmission, teletypewriter or remote metering, supervisory control and miscellaneous signaling purposes, in lieu of Paragraph 1.6.9 through 1.6.15 preceding, may be connected, as provided in Paragraphs 1.6.16A, 1.6.16B and 1.6.16C below, with Telephone Company voice grade or less Private Line services furnished for communication among three or more stations for such purposes under this Tariff. In all such cases, the customer's facilities will be so constructed, maintained and operated as to work satisfactorily with the facilities of the Telephone Company.

# A. U.S. Army, Navy and Air Force

- 1. Facilities of the U.S. Department of the Army, Navy or Air Force will be connected with facilities of the Telephone Company, subject to the regulations and conditions stated in the following where the Secretary of the Department or his authorized representative notifies the Telephone Company, in writing, that such connection is required for reasons of military necessity. Such connections will be made by means of switching or connecting equipment furnished by the Telephone Company.
- 2. Such telephone facilities will be connected to Private Line Telephone services and to telephone services and channels provided in connection with TELPAK service furnished by the Telephone Company for communication with stations associated with such Private Line Telephone service, provided however, that the Department facilities will not be connected to the telecommunications network to form a through connection except in cases of emergency involving safety of life or property, unless the aforesaid facilities are provided by the Department in locations where it is impracticable for the Telephone Company to furnish its facilities.

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OF MISSOURI

78-235

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Private Line Service Tariff
Section 1
3rd Revised Sheet 60
Replacing 2nd Revised Sheet 60

#### REGULATIONS

# 1.6 CONNECTIONS - (Continued)

- (CP) 1.6.7 Connections of Certain Facilities of Power, Pipeline and Railroad Companies(1) (Continued)
  - D. Connection of a telephone circuit of such companies as specified in Paragraph 1.6.7, B.2., 3. Or 4., preceding, may be established at either end of such circuit, but shall not be established at both ends simultaneously.
- E. Customer teletypewriter or Morse, telephotograph, data transmission, remote metering, supervisory control or miscellaneous signaling service components will be connected to Private Line Service furnished by the telephone Company for such purposes to the same customer.
  - F. Telephone Company-provide private line services, when connected with service components of the customer, will not be used for communication of other than the customer, except that such services may be used for the communications of, and be connected with services furnished by the Telephone Company, to other companies which:
    - 1. are operated with the customer as parts of an integrated electric power, oil, oil products or natural gas system or railroad system under direct or common ownership or control; or
- (CT) 2. own or operate an electric power or pipe line or railroad service components interconnected with those of the customer.
  - Telephone Company-provided line services when so connected may be connected to a local or toll central office line to form a through connection for communications of other companies specified in Paragraph 1.6.7, F.1., 2. Or 3., preceding, including calls originated by employees of such companies only under the circumstances set forth in Paragraphs 1.6.7, B.1. and 2., preceding.
- (CT) G. Customer Premises Equipment and Communications Systems connected to the private line services specified in Paragraphs 1.6.2, B., preceding, in accordance with Paragraphs 1.6.7, A. through F., preceding, prior to January 1, 1980, may remain connected and be moved and reconnected for the life of the equipment without registrations unless subsequently modified. New installations of Customer Premises Equipment or Communications systems subject to the Federal Communications Commission's Rules and Regulations connected to such private line services must meet the requirements of the Federal Communications Commission's Rules and Regulation.
- (AT) (1) Obsolete-applicable to existing installations at existing locations for existing customers.

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Private Line Service Tariff
Section 1
[2nd Revised Sheet 60
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REGULATIONS

JAN 21 1981

- 1.6 CONNECTIONS-(Continued)
- (FC) 1.6.7 Connections of Certain Facilities of Power, Pipeline and Railroad Companies-(Continued)
  - D. Connection of a telephone circuit of such companies as specified in B.2, 3 or 4 preceding, may be established at either end of such circuit but shall not be established at both ends simultaneously.
  - E. Customer teletypewriter or morse, telephotograph, data transmission, remote metering, supervisory control or miscellaneous signaling facidAN 1 1984 lities will be connected to private line service furnished by the Telephone Company for such purposes to the same customer.

    PIRLIC SERVICE COMMISSION
  - F. Telephone Company-provided private line services, when connected with of MISSOURI facilities of the customer, will not be used for communications of other than the customer, except that such services may be used for the communications of, and be connected with services furnished by the Telephone Company, to other companies which:
    - are operated with the customer as parts of an integrated electric power, oil, oil products or natural gas system or railroad system under direct or common ownership or control; or
    - 2. own or operate an electric power or pipe line or railroad system jointly with the customer; or
    - 3. own or operate electric power or pipe line or railroad facilities interconnected with those of the customer.

Telephone Company-provided line services when so connected may be connected to a local or toll central office line to form a through connection for communications of other companies specified in 1, 2 or 3 preceding, including calls originated by employees of such companies only under the circumstances set forth in B.1 and 2, preceding.

G. Customer-provided terminal equipment and communications systems connected to the private line services specified in 1.6.2, B, preceding in accordance with A. through F. preceding prior to January 1, 1980, may remain connected and be moved and reconnected for the life of the equipment without registration unless subsequently modified. New installations of customer-provided terminal equipment or communications systems subject to the Federal Communications Commission's Rules and Regulations connected to such private line services must meet the requirements of the Federal Communications Commission's Rules and Regulations.

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Private Line Service Tariff
Section 1
1st Revised Sheet 60
Replacing Original Sheet 60

# REGULATIONS

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- CT) 1.6 CONNECTIONS-(Continued)
  - 1.6.6 Connections of Certain Facilities of Power, Pipeline and Railread Companies(Continued)
  - B.2, 3 or 4 preceding may be established at either end of such circuit, but shall not be established at both ends simultaneously.
  - E. Customer teletypewriter or morse, telephotograph, data transmission, remote metering, supervisory control or miscellaneous signaling facilities will be connected to private line service furnished by the Telephone Company for such purposes to the same customer.
  - F. Telephone Company-provided private line services, when connected with facilities of the customer, will not be used for communications of other than the customer, except that such services may be used for the communications of, and be connected with services furnished by the Telephone Company, to other companies which:
    - 1. are operated with the customer as parts of an interfaced electric power, oil, oil products or natural gas experimental participal system under direct or common ownership or participal of
    - 2. own or operate an electric power or pipe line or railroad system jointly with the customer; or
    - 3. own or operate electric power or pipe line served food facilities interconnected with those of the customer of whise of white server in the customer of the

Telephone Company-provided line services when so connected may be connected to a local or toll central office line to form a through connection for communications of other companies specified in 1, 2 or 3 preceding, including calls originated by employees of such companies only under the circumstances set forth in B.1 and 2, preceding.

G. Customer-provided terminal equipment and communications systems connected to the private line services specified in 1.6.2, B, preceding in accordance with A. through F. preceding prior to January 1, 1980, may remain connected and be moved and reconnected for the life of the equipment without registration unless subsequently modified. New installations of customer-provided terminal equipment or communications systems subject to the Federal Communications Commission's Rules and Regulations connected to such private line services must meet the requirements of the Federal Communications Commission's Rules and Regulations.

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## REGULATIONS

- 1.6 CONNECTIONS-(Continued)
- 1.6.16 Connections with Certain Facilities of Customers-(Continued)
  - U.S. Army, Navy and Air Force-(Continued)
    - Equipment provided on the Department's facilities for the purpose of deriving telephone, teletypewriter, remote metering, supervisory control, telewriting, miscellaneous signaling or data transmission channels may be used, if suitable for such use to derive such channels over private line channels furnished by the Telephone Company.
  - B. U.S. Government Executive Departments and Agencies

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 be connected to Telephone Company services, subject to the regulations and conditions below:

- The head of the Department or Agency whose equipment is to be connected, or his authorized representative, shall notify the Telephone 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.
- The Government equipment shall be so constructed, maintained and operated as to work satisfactorily with the facilities of the Telephone Company.
- The connection shall be made by means of connecting equipment or arrangements furnished by the Telephone Company.

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OF MISSOURI

78-235

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Private Line Service Tariff
Section 1
3rd Revised Sheet 61
Replacing 2nd Revised Sheet 61

## REGULATIONS

- 1.6 CONNECTIONS (Continued)
- (CP) 1.6.7 Connections of Certain Facilities of Power, Pipeline and Railroad Companies(1) (Continued)
- (CT) H. Effective May 1, 1983, new installations of or additions to Customer Premises Equipment and Communications Systems subject to the Federal Communications Commission's Rules and Regulations, connected to the private line services specified in Paragraph 1.6.2, C. or 1.6.2, D., preceding, in accordance with Paragraphs 1.6.7, A. through F., preceding, must meet the requirements of the Federal Communications Commission's Rules and Regulations
- (CP) 1.6.8 Connections of Certain Facilities of the U.S. Army, Navy and Air Force(1)

Service components of the U. S. Department of the Army, Navy or Air Force will be connected with services furnished by the Telephone Company, in lieu of the provisions of Paragraphs 1.6.3 and 1.6.4, D., preceding, as provided in Paragraphs 1.6.9, A. and B., following, 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 connections will be made by means of switching or connecting equipment furnished by the Telephone Company.

- A. Telephone service components of the aforesaid Departments will be connection to private line services furnished by the Telephone Company for voice transmission and utilizing a Series 300(1) or 400 channel for communications with service points associated with such services; provided, however, that such department service points will not be connected to a local or toll central office line to form a through connection, except in cases of emergency involving safety of life or property, unless such service components are provided in locations where it is impracticable for the Telephone Company to furnish its services.
  - B. Teletypewriter or Morse, telephotograph, data transmission, remote metering, supervisory control or miscellaneous signaling service components of the aforesaid departments will be connected to private line services furnished for such purposes.

(AT) (1) Obsolete-applicable to existing installations at existing locations for existing customers.

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Missouri Public
Service Commission

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## REGULATIONS

JAN 21 1981

1.6 CONNECTIONS-(Continued)

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- (FC) 1.6.7 Connections of Certain Facilities of Power, Pipeline and Railroad Companies-(Continued)
  - H. Effective May 1, 1983, new installations of or additions to customer-provided terminal equipment and communications systems subject to the Federal Communications Commission's Rules and Regulations, connected to the private line services specified in 1.6.2, C or 1.6.2, D, preceding in accordance with A. through F. preceding, must meet the requirements of the Federal Communications Commission's Rules and Regulations.
- (FC) 1.6.8 Connections of Certain Facilities of the U.S. Army, Navy and Air Force

Facilities of the U.S. Department of the Army, Navy or Air Force will be connected with services furnished by the Telephone Company, in lieu of the provisions of 1.6.3 and 1.6.4, D, preceding, as provided in A. and B. following, 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 connections will be made by means of switching or connecting equipment furnished by the Telephone Company.

- A. Telephone facilities of the aforesaid Departments will be connected to private line services furnished by the Telephone Company for voice transmission and utilizing a Series 300 or 400 channel for communications with stations associated with such services; provided, however, that such Department facilities will not be connected to a local or toll central office line to form a through connection except in cases of emergency involving safety of life or property, unless such facilities are provided in locations where it is impracticable for the Telephone Company to furnish its services.
- B. Teletypewriter or morse, telephotograph, data transmission, remote metering, supervisory control or miscellaneous signaling facilities of the aforesaid Departments will be connected to private line services furnished CANGELLED for such purposes.

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Private Line Service Tariff
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## REGULATIONS

CT) 1.6 CONNECTIONS-(Continued)

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- 1.6.6 Connections of Certain Facilities of Power, Pipeline and Railroad Companies(Continued) MISSOUR!
  - H. Effective May 1, 1983, new installations of or additions to customer-provided terminal equipment and communications systems subject to the Federal Communications Commission's Rules and Regulations, connected to the private line services specified in 1.6.2, C or 1.6.2, D, preceding in accordance with A. through F. preceding, must meet the requirements of the Federal Communications Commission's Rules and Regulations.
- 1.6.7 Connections of Certain Facilities of the U.S. Army, Navy and Air Force

Facilities of the U.S. Department of the Army, Navy or Air Force will be connected with services furnished by the Telephone Company, in lieu of the provisions of 1.6.3 and 1.6.4, D, preceding, as provided in A. and B. following, 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 for the control of space vehicles. Such connections will be made by means of switching or connecting equipment furnished by the Telephone Company.

- A. Telephone facilities of the aforesaid Departments will be connected to private line services furnished by the Telephone Company for voice transmission and utilizing a Series 300 or 400 channel for communications with stations associated with such services; provided, however, that such Department facilities will not be connected to a local or toll central office line to form a through connection except in cases of emergency involving safety of life or property, unless such facilities are provided in locations where it is impracticable for the Telephone Company to furnish its services.
- B. Teletypewriter or morse, telephotograph, data transmission, remote metering, supervisory control or miscellaneous signaling facilities of the aforesaid Departments will be connected private line services furnished for such purposes.

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## REGULATIONS

- 1.6 CONNECTIONS-(Continued)
- 1.6.16 Connections With Certain Facilities of Customers-(Continued)
  - C. Power, Pipeline and Railroad Companies
    - 1. Facilities of an electric power, oil, oil products, natural gas pipeline, or 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 will be connected with facilities furnished by the Telephone Company to the same customer, subject to the regulations and conditions stated in Paragraph 1.6.16C.1 through 1.6.16C.4 inclusive, in addition to those specified in Paragraph 1.6.16 preceding. Such connections will be made by means of switching or connecting equipment furnished by the Telephone Company.
    - 2. Such customer telephone facilities will be connected to Private Line Telephone services furnished by the Telephone Company and to services furnished for similar purposes under Section 1 of this Tariff when furnished to the same customer for communications with stations associated with such Private Line Telephone services; provided, however, that facilities of the customer will not be connected to a local or long distance message telecommunications central office line to form a through connection except as follows:
      - a. In cases of emergency involving safety of life or property; in addition, 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.

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#### REGULATIONS

- 1.6 CONNECTIONS (Continued)
- (CP) 1.6.8 Connections of Certain Facilities of the U.S. Army, Navy and Air Force(1) - (Continued)
- (CT) C. Customer Premises Equipment and Communications Systems connected to the Private Line Services specified in Paragraph 1.6.2, B., preceding, in accordance with Paragraphs 1.6.8, A. and B., preceding, prior to January 1, 1980, may remain connected and be moved and reconnected for the life of the equipment without registration unless subsequently modified. New installations of Customer Premises Equipment or Communications Systems subject to the Federal Communications Commission's Rules and Regulations connected to such Private Line Services must meet the requirements of the Federal Communications Commission's Rules and Regulations.
- (CT) D. Effective May 1, 1983, new installations of, or additions to, Customer Premises Equipment and Communications Systems subject to the Federal Communications Commission's Rules and Regulations, connected to the Private Line Services specified in Paragraph 1.6.2, C. or 1.6.2, D., preceding, in accordance with Paragraphs 1.6.8, A. and B., preceding, must meet the requirements of the Federal Communications Commission's Rules and Regulations.
  - 1.6.9 Connection of Services Furnished by the Telephone Company to Different Customers
    - A. A Private Line Service furnished to a customer may be connected:
- With a Private Line Service furnished to a branch or agency of the United States Government for the purposes specified under Paragraphs 1.6.9, A.1. and 2., following, (C) provided such connection is authorized by the branch or agency to whose service the connection is made and connections are made by means of connecting or switching arrangements furnished by the Telephone Company, or
- With a Private Line Service, Long Distance Message Telecommunications Service, Local Exchange Service or WATS access line furnished to a different customer. (RT)

(1) Obsolete-applicable to existing installations at existing locations for existing customers. (AT)

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### REGULATIONS

1.6 CONNECTIONS-(Continued)

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- (FC) 1.6.8 Connections of Certain Facilities of the U.S. Army, Navy and Air Force-(Continued)
  - C. Customer-provided terminal equipment and communications systems connected to the private line services specified in 1.6.2, B, preceding in accordance with A. and B. preceding prior to January 1, 1980, may remain connected and be moved and reconnected for the life of the equipment without registration unless subsequently modified. New installations of customer-provided terminal equipment or communications systems subject to the Federal Communications Commission's Rules and Regulations connected to such private line services must meet the requirements of the Federal Communications Commission's Rules and Regulations.
  - D. Effective May 1, 1983, new installations of or additions to customer-provided terminal equipment and communications systems subject to the Federal Communications Commission's Rules and Regulations, connected to the private line services specified in 1.6.2, C or 1.6.2, D, preceding in accordance with A. and B. preceding, must meet the requirements of the Federal Communications Commission's Rules and Regulations.
- (FC) 1.6.9 Connection of Services Furnished by the Telephone Company to Different Customers
  - A. A private line service furnished to a customer may be connected:
    - With a private line service furnished to a branch or agency of the United States Government for the purposes specified under 1. and 2. following, provided such connection is authorized by the branch or agency to whose service the connection is made and connections are made by means of connecting or switching arrangements furnished by the Telephone Company or,
    - With a private line service, long distance message telecommunications service, local exchange service or WATS access line furnished to a different customer, provided such connection is made at premises of an authorized user of line list list last specified in 3. through 6. following or,

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## REGULATIONS

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(CT) 1.6 CONNECTIONS-(Continued)

- 1.6.7 Connections of Certain Facilities of the U.S. Army, Navy and Air Force (Continued)
  - C. Customer-provided terminal equipment and communications systems connected to the private line services specified in 1.6.2, B, preceding in accordance with A. and B. preceding prior to January 1, 1980, may remain connected and be moved and reconnected for the life of the equipment without registration unless subsequently modified. New installations of customer-provided terminal equipment or communications systems subject to the Federal Communications Commission's Rules and Regulations connected to such private line services must meet the requirements of the Federal Communications Commission's Rules and Regulations.
  - D. Effective May 1, 1983, new installations of or additions to customer-provided terminal equipment and communications systems subject to the Federal Communications Commission's Rules and Regulations, connected to the private line services specified in 1.6.2, C or 1.6.2, D, preceding in accordance with A. and B. preceding, must meet the requirements of the Federal Communications Commission's Rules and Regulations.
- 1.6.8 Connection of Services Furnished by the Telephone Company to Different Customers
- A. A private line service furnished to a customer may be connected:
  - With a private line service furnished to a branch or agency of the United States Government for the purposes specified under 1. and 2. following, provided such connection is authorized by the branch or agency to whose service the connection is made and connections are made by means of connecting or switching arrangements furnished by the Telephone Company or,
  - With a private line service, long distance message telecommunications service, local exchange survice or WATS access line furnished to a different customer browner such connection is made at premises of an authorized line for the point user as specified in 3. through 6. following or,

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## REGULATIONS

- 1.6 CONNECTIONS-(Continued)
- 1.6.16 Connections With Certain Facilities of Customers-(Continued)
  - C. Power, Pipeline and Railroad Companies-(Continued)
    - (Continued)
      - In cases where the customer facilities serve locations where it is impracticable because of hazard or inaccessibility for the Telephone Company to furnish its facilities.
      - c. During an interim period in cases where the customer has arranged for replacement of said customer facilities with facilities of the Telephone Company.
    - Telephone circuits of the customer will be connected to a local or long distance message telecommunications central office line to form a through connection only through manual switching equipment, or an attendant's position of dial PBX equipment furnished to the customer by the Telephone Company. Such equipment or position may be located at either or both ends of the customer's circuit.
    - Connection of a customer's telephone circuit, as specified in Paragraph 1.6.16C.2a, 1.6.16C.2b or 1.6.16C.2c preceding, may be established at either end of such circuit, but shall not be established at both ends simultaneously.
    - Facilities of the Telephone Company, when connected with facilities of the customer, will not be used for communications of other than the customer, except that such facilities may be used for the communications of, and be connected with facilities furnished by the Telephone Company to other companies which:

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