

P.S.C. MO. NO. 6

Original Title Page

ACCESS SERVICE

Regulations, Rates and Charges  
applying to the provision of Access Service  
for connection to intrastate communications facilities  
for Intrastate Customers within the  
operating territory of the

OREGON FARMERS MUTUAL TELEPHONE COMPANY

in the State of

MISSOURI

as provided herein.

Rate Center:

Oregon

Access Services are provided by means of wire, fiber optics, radio  
or any other suitable technology or a combination thereof.

RECEIVED

NOV 3 1986

MISSOURI  
Public Service Commission

FILED

JUL - 6 2012

Missouri Public  
Service Commission

*Halo* Exhibit No. 17A  
Date 6-27-12 Reporter PL  
File No. C-2012-0331

JAN - 1 1987

Public Service Commission

Issued: 11/3/86

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective: 1/1/87

P.S.C. MO. No. 6

Oregon Farmers Mutual Tel. Co.

ACCESS SERVICE

REFERENCE TO OTHER TARIFFS

Whenever reference is made in this tariff to other tariffs of the Telephone Company, the reference is to the tariffs in force as of the effective date of this tariff, and to amendments thereto and successive issues thereof.

USE OF THE TARIFF

This tariff contains the regulations, rates and charges applicable to the provision of Access Service by the Telephone Company.

The regulations applicable to the provision of Access Service are contained in Sections 2 through 9.

Rates and charges for all Access Services are shown in Section 12. In the right hand margin of Section 12, a Tariff Section Reference is shown which references the appropriate tariff section where the application of the rate is located.

Original Sheet 9  
For Area Served

RECEIVED

NOV 3 1986

MISSOURI  
Public Service Commission

EXHIBIT NO. 1  
DATE 11/3/86  
FILE NO. 64473

FILED

JAN - 1 1987

Public Service Commission

Issued: 11/3/86

Robert Williams, Manager

Effective: 1/1/87

P. O. Box 227

Oregon, Missouri 64473

P.S.C. MO. No. 6

1st Revised Sheet 11  
Cancels Original Sheet 11  
For Area Served

Oregon Farmers Mutual Tel. Co.

ACCESS SERVICE

RECEIVED

MAY 2 1988

1. Application of Tariff

- 1.1 This tariff contains regulations, rates and charges applicable to the provision of Carrier Common Line, ~~Switchboard~~ Access and Special Access Services, and other ~~miscellaneous~~ services, hereinafter referred to collectively as service(s), provided by the Telephone Company, to Customer(s).
- 1.2 The provision of such services by the Telephone Company as set forth in this tariff does not constitute a joint undertaking with the customer for the furnishing of any service.
- 1.3 Local Exchange Carriers (LEC's) subject to this tariff are also subject to terms and conditions of the Conceptual Framework, Missouri Intrastate, IntraLATA Primary Carrier By Toll Center Plan filed in Case No. TO-84-222 et al., as modified and approved by the Missouri Public Service Commission.

(N)  
|  
(N)

FILED

JUL 1 1988  
84-222 et al.  
Public Service Commission

Issued: 5/2/88 Robert Williams, Manager Effective: 7/1/88  
P. O. Box 227  
Oregon, Missouri 64473

Oregon Farmers Mutual Tel. Co.

ACCESS SERVICE

RECEIVED

MAY 2 1988

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.9 Jurisdictional Report Requirements

MISSOURI  
Public Service Commission.

A. Jurisdictional Reports

- (1) When a customer orders switched access service for both intrastate and interstate use, the projected interstate percentage of use and intrastate percentage of use must be provided to the Telephone Company. In addition, the intrastate percentage of use must be further separated into the percent intrastate intraLATA and the percent intrastate interLATA use.

(N)  
|  
(N)

- (2) Determination of the jurisdictional basis of the usage will be based on the following requirements:

- a. Sixty-six and six tenths percent (66.6%) of all usage which originates on the customer's network in the Missouri portion of the Kansas City Standard Metropolitan Statistical Area (SMSA) and terminates at a telephone number in Missouri will be reported as intrastate.
- b. Seventy-five and nine tenths percent (75.9%) of all usage which originates on the customer's network in the Missouri portion of the St. Louis Standard Metropolitan Statistical Area (SMSA) and terminates at a telephone number in Missouri will be reported as intrastate.
- c. One hundred percent (100%) of all other usage which originates on the customer's network in Missouri and terminates at a telephone number in Missouri will be reported as intrastate.

FILED

87-122 et al.  
Public Service Commission

Issued: 5/2/88

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective: 7/1/88

P.S.C. MO. No. 6

1st Revised Sheet 23  
Cancels Original Sheet 23  
For Area Served

Oregon Farmers Mutual Tel. Co.

ACCESS SERVICE

RECEIVED

JUL 13 1987

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.9 Jurisdictional Report Requirements (Cont'd)

MISSOURI  
Public Service Commission

A. Jurisdictional Reports (Cont'd)

- d. If a customer establishes a point of inter-connection between its facilities and those of a local exchange telephone company in a state which adjoins Missouri and to which Missouri customers may gain access on a toll free basis, the usage which gains access at such points of interconnection and terminate at a Missouri telephone number shall be reported as intrastate messages. Such traffic from the Kansas City and St. Louis SMSAs shall be apportioned in accordance with paragraphs a. and b. above.
  - e. All usage which originates on the customer's network in the Missouri portion of a LATA and terminates at a telephone number in the same LATA in Missouri will be reported as intrastate intraLATA. Usage terminating at a telephone number in a different LATA in Missouri will be reported as intrastate interLATA. Wire centers and their corresponding LATA's may be found in EXCHANGE CARRIER ASSOCIATION TARIFF - WIRE CENTER & INTERCONNECTION INFORMATION.
  - f. All intrastate usage will be reported as such whether or not the customer has the proper state certification or an effective intrastate tariff.
- (3) Effective on the first of January, April, July and October of each year the customer shall update the interstate and intrastate jurisdictional report. The customer shall forward to the Telephone Company, to be received no later than 15 days after the first of each such month, a revised report showing the

Issued: 7/13/87

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective: 8/12/87

FILED

AUG 12 1987  
70-84.223 et al.  
Public Service Commission

Oregon Farmers Mutual Tel. Co.

For Area Served

**ACCESS SERVICE****2. General Regulations (Cont'd)****2.3 Obligations of the Customer (Cont'd)****2.3.11 Identification and Rating of Intrastate Toll VoIP-PSTN Traffic**

VoIP-PSTN Traffic is defined as traffic exchanged between a Company end user and the customer in Time Division Multiplexing (TDM) format that originates and/or terminates in Internet Protocol (IP) format. This section governs the identification of Intrastate Toll VoIP-PSTN Traffic that is required to be compensated at interstate access rates, unless the parties have agreed otherwise, by the FCC in its Report and Order in WC Dockets Nos. 10-90, etc., FCC Release No 11-161 (November 18, 2011) (FCC Order), as it may hereafter be amended, clarified or otherwise changed or abrogated by the FCC or a court or a regulatory body of competent jurisdiction. Specifically, this section establishes the method of separating Toll VoIP-PSTN Traffic from the customer's traditional intrastate access traffic, so that Toll VoIP-PSTN Traffic can be billed in accordance with the FCC Order.

Toll VoIP Traffic identified in accordance with the following tariff sections will be billed at rates equal to the Company's applicable tariffed interstate switched access rates.

In the event the FCC Order's requirement that intrastate Toll VoIP-PSTN traffic be billed at interstate rates is reversed by a final order of a court of competent jurisdiction, the Company reserves the right to revise its billings to the customer at intrastate access rates back to January 1, 2012.

**(A) Calculation and Application of Percent-VoIP-Usage Factors**

- (1) The Company will determine the number of Intrastate Toll VoIP-PSTN Traffic minutes of use (MOU) to which interstate rates will be applied by applying an originating Percent VoIP Usage (PVU) factor to the total intrastate access MOU originated by a Company end user and delivered to the customer and by applying a terminating PVU factor to the total intrastate access MOU terminated by the customer to the Company's end user.
- (2) The customer will calculate and furnish to the Company, along with supporting documentation, an originating PVU factor representing the whole number percentage of the customer's total originating intrastate access MOU that the customer exchanges with the Company that is received from the Company and that is terminated in IP format and that would otherwise be billed by the Company as intrastate access MOU.

Oregon Farmers Mutual Tel. Co.

## ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.11 Identification and Rating of Intrastate Toll VoIP-PSTN Traffic (Cont'd)

## (A) Calculation and Application of Percent-VoIP-Usage Factors (Cont'd)

- (3) The customer will calculate and furnish to the Company, along with supporting documenting, a terminating PVU factor representing the whole number percentage of the customer's total terminating intrastate access MOU that the customer exchanges with the Company that is sent to the Company and which originated in IP format and that would otherwise be billed by the Company as intrastate access MOU.
- (4) At the present time, the Company neither originates calls from nor terminates calls to its customers in IP format. At such time as the Company originates and/or terminates calls to its customers in IP format, it will calculate an originating and/or terminating PVU factor to apply, in conjunction with a customer's PVU factor(s), to develop the appropriate originating or terminating PVU factor to apply to the customer's originating or terminating intrastate Toll VoIP-PSTN Traffic.
- (5) The customer shall not modify its reported PIU factor to account for Toll VoIP-PSTN Traffic.
- (6) Both the customer provided originating PVU and the terminating PVU shall be based on relevant and verifiable information such as the number of the customer's retail VoIP subscriptions in the state (e.g. as reported on the FCC Form 477), traffic studies, actual call detail or other relevant and verifiable information which will be provided to the Company upon request.
- (7) The customer shall retain the call detail, work papers, and information used to develop the PVU factors for a minimum of one year.
- (8) If the customer does not furnish the Company with a PVU factor, the Company will utilize a PVU equal to zero.
- (9) If the customer does not supply sufficient supporting documentation, the Company will not accept or apply a customer supplied originating or terminating PVU greater than the applicable State percentage as identified in Paragraph 963 of the FCC Order.

Issued: 1/25/12

Janet Bathurst, Manager  
P.O. Box 227  
Oregon, Missouri 64473

March 16, 2012

Effective: ~~2/24/12~~FILED  
Missouri Public  
Service Commission  
JI-2012-0356

Oregon Farmers Mutual Tel. Co.

For Area Served

**ACCESS SERVICE**2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.11 Identification and Rating of Intrastate Toll VoIP-PSTN Traffic (Cont'd)

## (B) Initial Implementation of PVU Factors

- (1) If the originating and terminating PVU factors cannot be implemented in the Company's billing for Toll VoIP-PSTN traffic delivered on and after January 1, 2012, once the factors can be implemented, the Company will adjust the customer's bills retroactive to January 1, 2012, provided that the customer provides the PVU factors to the Company prior to April 15, 2012. Otherwise, the Company will set the initial PVU factors as specified in (A) (7).
- (2) In making retroactive adjustments to bills, the Company may choose to provide credits based on a quarterly basis or such other billing interval as is reasonable in the circumstances.

## (C) PVU Factor Updates

The customer may update the originating and terminating PVU factors quarterly using the method set forth in (A) (2) and (A) (3), preceding. If the customer chooses to submit such updates, it shall forward to the Company, no later than 15 days after the first day of January, April, July and/or October of each year, revised PVU factors based on data for the prior three months, ending the last day of December, March, June and September, respectively. The revised PVU factors will serve as the basis for future billing and will be effective on the bill date of each such month and shall serve as the basis for subsequent monthly billing until superseded by new PVU factors. No prorating or back billing will be done on the updated PVU factors.



Oregon Farmers Mutual Tel. Co.

For Area Served

**ACCESS SERVICE**

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Identification and Rating of Intrastate Toll VoIP-PSTN Traffic (Cont'd)

(D) PVU Factor Verification

- (1) Not more than four times in any year, the Company may request from the customer an overview of the process used to determine the PVU factors, the call detail records, description of the method for determining how the end user originates and terminates calls in IP format, and other information used to determine the customer's PVU factors furnished to the Company in order to validate the PVU factors supplied. The customer shall comply, and shall reasonably supply the requested data and information within 15 days of the Company's request.
- (2) The Company may dispute the Customer's PVU factor based upon relevant and verifiable information, including, but not limited to, the following:
  - A review of the requested data and information provided by the customer.
  - The Company's reasonable review of other market information, FCC reports on VoIP lines, such as FCC Form 477 or state level results based on the FCC Local Competition Report or other relevant data.
  - A change in the reported PVU factor by more than five percentage points from the preceding quarter.
- (3) If after review of the data and information, the customer and the Company agree to establish revised PVU factors, the Company will begin using those revised PVU factors with the next bill period.

Oregon Farmers Mutual Tel. Co.

For Area Served

**ACCESS SERVICE**

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Identification and Rating of Intrastate Toll VoIP-PSTN Traffic (Cont'd)

(D) PVU Factor Verification (Cont'd)

(4) If the dispute is unresolved, the Company may initiate an audit. The Company shall limit audits of the customer's PVU factors to no more than twice per year. The customer may request that the audit be conducted by an independent auditor. In such cases, the associated auditing expenses will be paid by the customer.

- In the event that the customer fails to provide adequate records to enable the Company or an independent auditor to conduct an audit verifying the customer's PVU factors, the Company will bill the usage for all contested periods using the most recent undisputed PVU factors reported by the customer. These PVU factors will remain in effect until the audit can be completed.
- During the audit, the most recent undisputed PVU factors from the previous reporting period will be used by the Company.
- The Company will adjust the customer's PVU factors based on the results of the audit and implement the revised PVU in the next billing period or quarterly report date, whichever is first. The revised PVU factors will apply for the next two quarters before new factors can be submitted by the customer.
- If the audit supports the customer's PVU factors, the usage for the contested periods will be adjusted to reflect the customer's audited PVU factors.

March 16, 2012

Issued: 1/25/12

Janet Bathurst, Manager  
P.O. Box 227  
Oregon, Missouri 64473

Effective: ~~2/24/12~~

FILED  
Missouri Public  
Service Commission  
JI-2012-0356

Oregon Farmers Mutual Tel. Co.

For Area Served

**ACCESS SERVICE**2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.11 Identification and Rating of Intrastate Toll VoIP-PSTN Traffic (Cont'd)(E) Rate Categories(1) End Office

The End Office rate category establishes the charges related to the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The End Office rate category includes the Local Switching and Information Surcharge rate elements.

(a) Local Switching

The Local Switching rate element establishes the charges related to the use of end office switching equipment, the terminations in the end office of end user lines, the terminations of calls at Telephone Company Intercept Operators or recordings, the STP costs, and the SS7 signaling function between the end office and the Signaling Transfer Point.

(b) Information Surcharge

Information Surcharge rates are assessed to a customer based on the total number of access minutes.

Oregon Farmers Mutual Tel. Co.

For Area Served

**ACCESS SERVICE**2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.11 Identification and Rating of Intrastate Toll VoIP-PSTN Traffic (Cont'd)(E) Rate Categories (Cont'd)(2) Billing of Transport for Toll VoIP-PSTN Traffic

The Toll VoIP-PSTN Traffic Tandem Switched Facility rate recovers a portion of the costs of transmission facilities, including intermediate transmission circuit equipment, between the end points of interoffice circuits. The Toll VoIP-PSTN Traffic Tandem Switched Facility rate is applied on a per access minute per mile basis for all originating and terminating minutes of use routed over the facility.

The Toll VoIP-PSTN Traffic Tandem Switched Termination rate recovers a portion of the costs of the circuit equipment necessary for the termination of each end of each measured segment of the Toll VoIP-PSTN Traffic Tandem Switched Facility. The Toll VoIP-PSTN Traffic Tandem Switched Termination rate is applied on a per access minute basis (for all originating and terminating minutes of use routed over the facility) at each end of each measured segment of the Toll VoIP-PSTN Traffic Tandem Switched Facility (e.g., at the end office, Feature Group A dial tone office, host office, remote office and the access tandem). When the Toll VoIP-PSTN Traffic Tandem Switched Facility mileage is zero, neither the Toll VoIP-PSTN Traffic Tandem Switched Facility rate nor the Toll VoIP-PSTN Traffic Tandem Switched Termination rate will apply.

The Toll VoIP-PSTN Traffic Tandem Switching rate recovers a portion of the costs of switching traffic through an access tandem. The Toll VoIP-PSTN Traffic Tandem Switching rate is applied on a per access minute per tandem basis for all originating and all terminating minutes of use switched at the tandem.

Oregon Farmers Mutual Tel. Co.

Original Sheet 34  
For Area Served

## ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowance (Cont'd)2.4.5 Access Services Provided by More Than One Telephone Company

When an Access Service is provided by more than one Telephone Company, the Telephone Companies involved will mutually agree upon one of the billing methods described in (A) or (B) following based upon the interconnection arrangements between the Telephone Companies. The Single Company Billing method will only be used where technical limitations prohibit interconnection billing.

The Telephone Company will notify the customer which of the billing methods will be used. The customer will place the order for the service as set forth in 5.9 dependent upon the billing method. The Telephone Company receiving the order or copy of the order from the customer will be responsible for billing the customer.

(A) Single Company Billing:

- (1) The Telephone Company receiving the order from the customer, as specified in 5.9, will arrange to provide the service, determine the applicable charges and bill the customer for the entire service in accordance with its Access Services tariff.

(B) Multiple Company (Interconnection Point) Billing:

- (1) Each Telephone Company receiving an order or copy of the order from the customer, as specified in 5.9 following will determine the applicable charges for the portion of the service it provides and bill in accordance with its Access Services tariff as follows:

JAN - 1 1987

Missouri Public Service Commission

Issued: 11/3/86

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective: 1/1/87

RECEIVED

NOV 3 - 1986

MISSOURI  
Public Service Commission

Oregon Farmers Mutual Tel. Co.

ACCESS SERVICE

RECEIVED

MAY 2 1988

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowance (Cont'd)

2.4.5 Access Services Provided by More Than One Telephone Company  
(Cont'd)

MISSOURI

(B) Multiple Company (Interconnection Point) Billing:  
(Cont'd)

(a) For Switched Access

(i) For Feature Group C Switched Access service, the portion of the Local Transport provided by the Telephone Company is not distance sensitive. The Local Transport rate described in 12.1.2(B) will apply to the total number of access minutes. The rate charged for the portion of Local Transport provided by a connecting exchange Telephone Company will be based on the connecting exchange Telephone Company's access tariff and may be distance sensitive.

(ii) For Feature Group A and B Switched Access service, determine the appropriate Local Transport by computing the number of airline miles between the Telephone Company premises as set forth in 6.7.6 using the V&H method set forth in EXCHANGE CARRIER ASSOCIATION TARIFF -- WIRE CENTER & INTERCONNECTION INFORMATION. Determine the billing percentage (BP), as set forth in EXCHANGE CARRIER ASSOCIATION TARIFF -- WIRE CENTER & INTERCONNECTION INFORMATION, which represents the portion of the service provided by each Telephone Company;

(T)  
(T)

Multiply the number of access minutes of use times the number of airline miles, as set forth above, times the BP for each Telephone Company as set forth above, times the Local Transport rate.

For intraLATA LEC to LEC traffic, V&H coordinates and billing percentages will be determined from the Missouri PTC Plan IntraLATA Data Base.

(N)  
1  
(N)

Issued: 5/2/88

Robert Williams, Manager

Effective: 7/1/88

P. O. Box 227

Oregon, Missouri 64473

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Busy Hour Minutes of Capacity (BHMC)

The customer specified maximum amount of Switched Access Service access minutes the customer expects to be handled in an end office switch during any hour in an 8:00 A.M. to 11:00 P.M. period for the Switched Access Service ordered. This customer furnished BHMC quantity is the input data the Telephone Company uses to determine the number of transmission paths for the Switched Access Service ordered.

Call

A customer attempt for which the complete address code (e.g., 0-, 911, or 10 digits) is provided to the serving dial tone office.

Carrier or Common Carrier

See Interexchange Carrier.

CCS

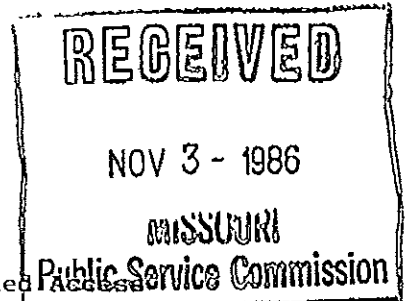
A standard unit of traffic load that is equal to 100 seconds of usage or capacity of a group of servers (e.g., trunks). Also known as "100 call seconds".

Central Office

A local Telephone Company switching system where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to each other and to trunks.

Centrex CO Service

A service that (1) uses a portion of a Telephone Company switch located at the Telephone Company central office to meet the customer's internal needs and serves as the customer's interface with the local and interexchange networks and (2) links the customer's main stations to the Telephone Company switch with subscriber loops.



Oregon Farmers Mutual Tel. Co.

## ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Channels

A communications path between two or more points of termination.

Coin Station

A location where Telephone Company equipment is provided in a public or semi-public place where Telephone Company customers can originate telephonic communications and pay the applicable charges by inserting coins into the equipment.

Common Channel Signaling (CCS)

The term "Common Channel Signaling" (CCS) denotes a high speed packet switched communications network which is separate (out of band) from the public packet switched and message networks. Its purpose is to carry addressed signaling messages for individual trunk circuits and/or database related services between Signaling Points in the CCS network.

Common Channel Signaling Access Capability (CCSAC)

The term "Common Channel Signaling Access Capability" denotes the connection between the customer's point of presence and the Signal Transfer Point (STP) designated by the Telephone Company for the transport of signaling information.

Common Line

A line, trunk, pay telephone line or other facility provided under the general and/or local exchange service tariffs of the Telephone Company, terminated on a central office switch.

Communications System

Channels and other facilities which are capable of communications between terminal equipment provided by other than the Telephone Company.

(M) Material previously appearing on this sheet now appears on 2nd  
Revised Sheet 41.

Issued: 4/1/93

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective:

MAY 01 1993

(N)

(N)

(M)

MAY 01 1993

MAY 01 1993



## ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Conventional Signaling

The inter-machine signaling system which has been traditionally used in North America for the purpose of transmitting the called number's address digits from the originating end office to the switching machine that will terminate the call. In this system, all of the dialed digits are received by the originating switching machine, a path is selected, and the sequence of supervisory signals and outpulsed digits is initiated. No overlap outpulsing, ten-digit ANI, ANI information digits, or acknowledgement wink are included in this signaling sequence.

(M)  
|  
(M)Customer Message

A completed intrastate call originated by a customer's end user. A customer message begins when answer supervision from the premise of the ordering customer is received by Telephone Company recording equipment indicating that the called party has answered. A message ends when disconnect supervision is received by Telephone Company recording equipment from either the premise of the ordering customer or the customer's end user premise from which the call originated.

Customer Designated Premises

The premises specified by the customer for the provision of Access Service.

Customer(s)

Any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or other entity which subscribes to the services offered under this tariff, including both Interexchange Customers (ICs) and End Users.

MAY 01 1993

(M) Material previously appearing on Original Sheet 40 now appears on this sheet.

Issued: 4/1/93

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective:

MAY 01 1993

Oregon Farmers Mutual Tel. Co.

## ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)End User

Any customer of an intrastate telecommunications service that is not a carrier, except that a carrier shall be deemed to be an "end user" to the extent that such carrier uses a telecommunications service for administrative purposes, without making such service available to others, directly or indirectly.

Entry Switch

See First Point of Switching

Exchange

A unit generally smaller than a local access and transport area, established by the Telephone Company for the administration of communications service in a specified area which usually embraces a city, town or village and its environs. It consists of one or more central offices together with the associated facilities used in furnishing communications service within that area.

Exit Message

The term "Exit Message" denotes an SS7 message sent to an end office by the Telephone Company's tandem switch to mark the Carrier Connect Time when the Telephone Company's tandem switch sends an Initial Address Message to an interexchange customer.

(N)

(N)

Feature Group D

Trunk side access to Telephone Company end office switches with an associated uniform 10XXX access code for the customer's use in originating and terminating communications.

(M)

(M) Material previously appearing on this sheet now appears on 4th Revised Sheet 44.

Issued: 4/1/93

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective:

MAY 01 1993

4th Revised Sheet 44  
 Cancels 3rd Revised Sheet 44  
 For Area Served

Oregon Farmers Mutual Tel. Co.

## ACCESS SERVICE

APR - 1993

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)First Point of Switching

The first Telephone Company location at which switching occurs on the terminating path of a call proceeding from the customer premises to the terminating end office, and at the same time, the last Telephone Company location at which switching occurs on the originating path of a call proceeding from the originating end office to the IC or customer premises.

(M)

(M)

Host Office

An electronic switching system which provides call processing capabilities for one or more Remote Switching Modules or Remote Switching Systems.

Immediately Available Funds

A corporate or personal check drawn on a bank account for which funds are available for use by the receiving party on the same day on which they are received and include U.S. Federal Reserve bank wire transfers, U.S. Federal Reserve notes (paper cash), U.S. coins, U.S. Postal Money Orders and New York Certificates of Deposit.

Individual Case Basis

A condition in which the regulations, if applicable, rates and charges for an offering under the provisions of this tariff are developed based on the circumstances in each case.

Initial Address Message

The term "Initial Address Message" denotes an SS7 message sent in the forward direction to initiate trunk set up, reserve an outgoing trunk and process the information about that trunk along with other data relating to the routing and handling of the call to the next switch.

(N)

(N)

(M)

(M) Material previously appearing on Original Sheet 43 now appears on this sheet and material previously appearing on this sheet now appears on Original Sheet 44.1.

MAY 01 1993

Issued: 4/1/93

Robert Williams, Manager  
 P. O. Box 227  
 Oregon, Missouri 64473

Effective:

MAY 01 1993

Oregon Farmers Mutual Tel. Co.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Interconnection Point

The V and H coordinate as determined in EXCHANGE CARRIERS ASSOCIATION TARIFF - WIRE CENTER & INTERCONNECTION INFORMATION of a point where facilities of the Telephone Company meets facilities of a connecting exchange telephone company.

Interexchange Customer(s)(IC)

Denotes any interexchange carrier (facility based or reseller) engaged for hire, which subscribes to the services offered under this Tariff to provide intrastate telecommunications services for its own use or for the use of its End Users. For purposes of this tariff, Primary Toll Carriers are also included in this definition.

(M)

(M)

(M) Material previously appearing on 3rd Revised Sheet 44 now appears on this sheet.

MAY 01 1993

MISSOURI PUBLIC SERVICE COMMISSION

Issued: 4/1/93

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective:

MAY 01 1993

Oregon Farmers Mutual Tel. Co.

ACCESS SERVICE

RECEIVED

MAY 2 1988

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

MISSOURI

Public Service Commission

Intrastate Call

Any Communications originating and terminating within the state subject to oversight by the Missouri Public Service Commission as provided by laws of the State of Missouri.

Line Side Connection

A connection of a transmission path to the line side of a local exchange switching system.

Local Access and Transport Area (LATA)

A geographic area established for the provision and administration of communications service. It encompasses one or more designated exchanges, which are grouped to serve common social, economic and other purposes.

Local Calling Area

The geographical area in which the Telephone Company provides local exchange service to customers, including any Extended Area Service (EAS) area.

Local Exchange Carrier (LEC)

The certificated provider of basic local exchange telephone service.

(N)  
|  
(N)

Loop Around Test Line

An arrangement utilizing a Telephone Company central office to provide a means to make certain two-way transmission tests on a manual basis. This arrangement has two central office terminations, each reached by means of separate telephone numbers and does not require any specific customer premises equipment. Equipment subject to this test arrangement is at the discretion of the customer.

FILED

JUN 1 1988

84-222 et al.

Public Service Commission

Message

See "Call".

Issued: 5/2/88 Robert Williams, Manager Effective: 7/1/88  
P. O. Box 227  
Oregon, Missouri 64473

Oregon Farmers Mutual Tel. Co.

ACCESS SERVICE

RECEIVED

2. General Regulations (Cont'd)

JUL 7 1995

2.6 Definitions (Cont'd)

MISSOURI  
Public Service Commission

Off-Hook

The active condition of Switched Access or a Telephone Exchange Service line.

On-Hook

The idle condition of Switched Access or a Telephone Exchange Service line.

Open Circuit Test Line

An arrangement in an end office which provides an ac open circuit termination of a trunk or line by means of an inductor of several Henries.

Operator Transfer Service

The term "Operator Transfer Service denotes the transfer of an end user call to a specific IC by a Telephone Company operator.

(N)  
|  
(N)

Originating Direction

The use of access service for the origination of calls from an End User Premises to an IC Premises.

Overlap Outpulsing

The feature of the exchange access signalling system which permits initiation of pulsing to the customer's premises before the calling subscriber has completed dialing an originating call.

Pay Telephone

Telephone Company provided instruments and related facilities that are available to the general public for public convenience and necessity, including public and semi-public telephones, and coinless telephones.

Point of Termination

The point of demarcation at or within a customer-designated premises at which the Telephone Company's responsibility for the provision of Access Service ends.

301610  
AUG 7 1995

PUBLIC SERVICE COMMISSION

## ACCESS SERVICE

2. General Regulations (Cont'd)

APR 1 1993

2.6 Definitions (Cont'd)Reseller

Denotes any individual, partnership, association, joint-stock company, trust or corporation engaged for hire to provide intrastate, interstate, and/or foreign communications by means of reselling services of other carriers.

(M)

(M)

Secondary Exchange Carrier

Denotes the Local Exchange Telephone Company in whose exchange a customer's end users end office is located and where the customer's first point of switching is provided by a Primary Exchange Carrier who is not the same Exchange Carrier as the Secondary Exchange Carrier.

Service Switching Point (SSP)

A Service Switching Point denotes an end office or tandem which, in addition to having SS7 and SP capabilities, is also equipped to query centralized data bases.

(N)

(N)

Serving Wire Center

The wire center from which the customer designated premises would normally obtain dial tone from the Telephone Company.

Signaling Point (SP)

The term "Signaling Point (SP)" denotes an SS7 network interface element capable of originating and terminating SS7 trunk signaling messages.

(N)

Signaling Point Of Interface (SPOI)

The term "Signaling Point of Interface" (SPOI) denotes the interface point between the Telephone Company and its Access customers for purposes of exchanging SS7 Signaling messages for CCS services.

(N)

(M) Material previously appearing on 2nd Revised Sheet 48 now appears on this sheet.

MAY 01 1993

Issued: 4/1/93

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective:

MAY 01 1993

Oregon Farmers Mutual Tel. Co.

Original Sheet 48.2  
For Area Served

(N)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Signaling System Seven (SS7)

The term "Signaling System Seven" (SS7) denotes the layered protocol used for standardized Common Channel Signaling in the United States.

Signaling Transfer Point (STP)

The term "Signaling Transfer Point" (STP) denotes a packet switch providing CCS Network Access that performs CCS message routing and screening.

Issued: 4/1/93

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective:

MAY 01 1993



Oregon Farmers Mutual Tel. Co.

**ACCESS SERVICE**

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Shortage of Facilities or Equipment

A condition which occurs when the Telephone Company does not have appropriate cable, switching capacity, bridging or, multiplexing equipment, etc., necessary to provide the Access Service requested by the customer.

Short Circuit Test Line

An arrangement in an end office which provides for an ac short circuit termination of a trunk or line by means of a capacitor of at least four microfarads.

Subtending End Office of an Access Tandem

An end office that has final trunk group routing through that tandem.

Synchronous Test Line

An arrangement in an end office which performs marginal operational tests of supervisory and ring-tripping functions.

Telephone Company

The Telephone Company for purposes of this tariff is Oregon Farmers Mutual Telephone Company.

Terminating Direction

The use of Access Service for the completion of calls from an IC premises to an End User Premises.

Termination Liability

The amount which will be billed if services using specially constructed facilities are terminated prior to the expiration of the Termination Liability Period.

Toll VoIP-PSTN Traffic

The term Toll VoIP-PSTN Traffic denotes a customer's interexchange voice traffic exchanged with the Telephone Company in Time Division Multiplexing format over PSTN facilities, which originates and/or terminates in Internet Protocol (IP) format. Toll VoIP-PSTN Traffic originates and /or terminates in IP format when it originates from and/or terminates to an end user customer of a service that requires IP-compatible customer premises equipment.

(N)

(N)

March 16, 2012

Issued: 1/25/12

Janet Bathurst, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective: 2/24/12

FILED  
Missouri Public  
Service Commission  
JI-2012-0356

Oregon Farmers Mutual Tel. Co.

## ACCESS SERVICE

RECEIVED

JUN 1 1990

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Transmission Measuring (105 Type) Test LineMISSOURI  
Public Service Commissior

An arrangement in an end office which provides far-end access to a recorder and permits two-way loss and noise measurements to be made on trunks from a near end office.

Transmission Path

An electrical path capable of transmitting signals within the range of the service offering, e.g., a voice grade transmission path is capable of transmitting voice frequencies within the approximate range of 300 to 3000 Hz. A transmission path is comprised of physical or derived facilities consisting of any form or configuration of plant typically used in the telecommunications industry.

Trunk

A communications path connecting two switching systems in a network, used in the establishment of an end-to-end connection.

Trunk Group

A set of trunks which are traffic engineered as a unit for the establishment of connections between switching systems in which all of the communications paths are interchangeable.

Trunk Side Connection

The connection of a transmission path to the trunk side of a local exchange switching system. This type of connection is used when providing FGB, FGC, and FGD Switched Access Service.

(C)

Two-Wire to Four-Wire Conversion

An arrangement which converts a four-wire transmission path to a two-wire transmission path to allow a four-wire facility to terminate in a two-wire entity (e.g., a central office switch).

Issued: 6/1/90

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective: 7/1/90

FILED

JUL 1 1990

Public Service Commissior

Oregon Farmers Mutual Tel. Co.

Original Sheet 70  
For Area Served

## ACCESS SERVICE

6. Switched Access Service6.1 General

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a communication path between a customer's premises and an end user's premises. It provides for the use of common terminating, switching and trunking facilities and common subscriber plant of the Telephone Company. Switched Access Service provides for the ability to originate calls from an end user's premises to a customer's premises, and to terminate calls from a customer's premises to an end user's premises in the LATA where it is provided. Specific references to material describing the elements of Switched Access Service are provided in 6.2.

Rates and charges for Switched Access Service depend generally on the specific Feature Group ordered by the customer, e.g., for MTS or WATS services or MTS/WATS equivalent services. Rates and charges for Switched Access Service are set forth in 12.1.2 following. The application of rates for Switched Access Service is described in 6.7 following.

6.2 Rate Categories

There are three rate categories which apply to Switched Access Service:

- Local Transport
- End Office
  - Local Switching
  - Line Termination
- Common Line (described in Section 3 preceding)

RECEIVED

NOV 3 1986

MISSOURI

Public Service Commission

JAN - 1 1987

Issued: 11/3/86

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective: 1/1/87

MISSOURI

Oregon Farmers Mutual Tel. Co.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)

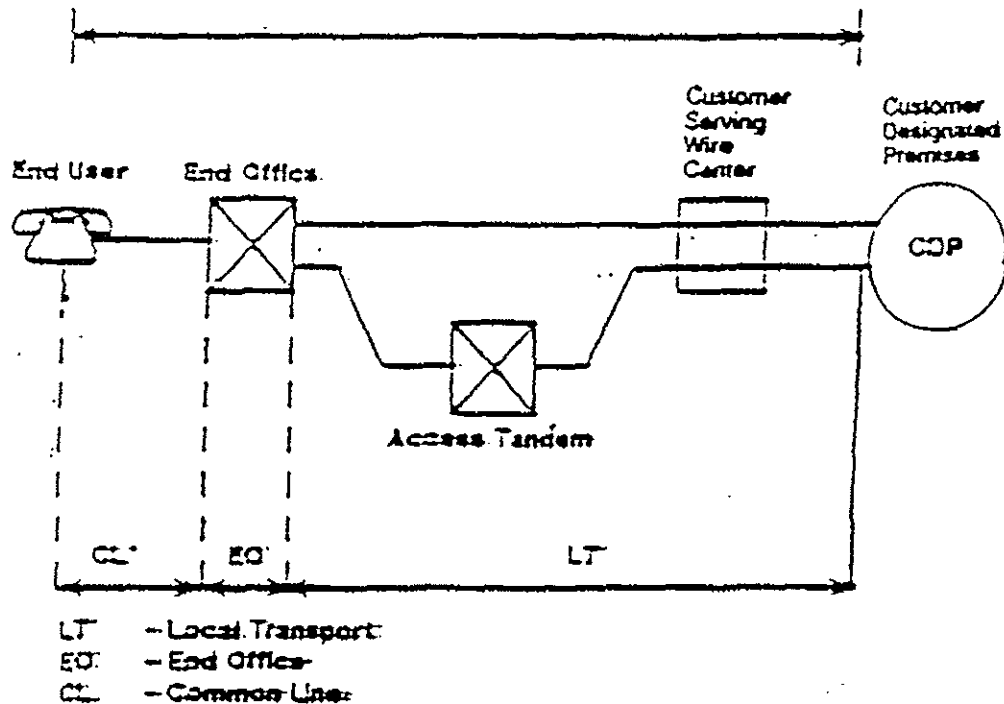
RECEIVED

MAY 11 1993

6.2 Rate Categories (Cont'd)

The Feature Groups offered by the Telephone Company are described in Section 6.3. Premium rates apply for all Feature Group A, B, C & D Switched Access connections on an access minute basis. Originating FGC or PGD access is available to all customers when used to provide the Interim NXX Customer Identification optional feature. Transitional rates will apply to all non AT&T originating Interim NXX access minutes. Transitional rates apply for all Feature Group A and B Switched Access connections on an access minute basis. Access minutes are determined as described in Section 6.7.4. Premium and Transitional rate classifications are described in Section 6.7.1(C) & (D). The following diagram depicts a generic view of the components of Switched Access Service and the manner in which the components are combined to provide a complete Access Service.

## SWITCHED ACCESS SERVICE



\*Common Line access is provided under Section 5..

FILED

JUN 12 1993

Issued: 5/11/93

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective: 6/12/93

MO. PUBLIC SERVICE COMM.

Oregon Farmers Mutual Tel. Co.

## ACCESS SERVICE

RECEIVED

6. Switched Access Service (Cont'd)

JUN 1 1990

6.2 Rate Categories (Cont'd)

MISSOURI

(A) Local Transport

Public Service Commission

Local Transport provides the transmission facilities between the customer designated premises and each end office switch of the Telephone Company where the customer's traffic is switched when originating and terminating the customer's traffic. The Local Transport charge is distance sensitive for FGA and FGB calls and not distance sensitive for FGC and FGD calls.

(C)

If the customer utilizes the facilities of another connecting exchange carrier to access the Telephone Company end office switch for the provision of switched access service, the Local Transport charge will provide facilities between the end office switch and the interconnection point with the connecting exchange carrier.

If the Telephone Company utilizes the facilities of another connecting exchange carrier to transmit calls under the provisions of this tariff (i.e. FGA LATA wide access), the Local Transport charge provides transmission facilities between the IC terminal location and the end office switch(es) where the IC's traffic is switched to originate or terminate its communication.

Local Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer's designated premises) and in the terminating direction (from the customer's designated premises to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any type of plant capable of the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 HZ.

The Telephone Company will work cooperatively with the customer to develop routing and other local transport arrangements. Rates for Local Transport are set forth in 12.1.2(B).

Issued: 6/1/90

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective: 7/1/90

FILED

JUL 1 1990

Public Service Commission

Oregon Farmers Mutual Tel. Co.

## ACCESS SERVICE

RECEIVED

6. Switched Access Service (Cont'd)

JUN 1 1990

6.2 Rate Categories (Cont'd)(A) Local Transport (Cont'd)MIC P 173  
Public Service Commissioner(1) Interface Groups

Interface Groups are provided for terminating the Local Transport at the customer's designated premises in accordance with provisions contained in the Telephone Company's interstate access tariff.

(2) Nonchargeable Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following nonchargeable optional features in association with Local Transport.

(a) Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability, the customer may order an optional supervisory signaling arrangement for each transmission path provided in accordance with current industry standards.

(B) End Office

The End Office rate category provides the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The End Office rate category includes the Local Switching and Line Termination rate elements.

(1) Local Switching

The Local Switching rate element provides the local end office switching functions associated with Feature Groups A,B,C, and D and the transport termination for the trunk side arrangements which terminate the Local Transport facilities. The LS2 rate applies to FGC and FGD Switched Access Service and for FGB when utilized to provide MTS/WATS service. The LS1 rate applies to FGA and all other FGB services. Rates for Local Switching are set forth in 12.1.2(C)(1).

(C)

(C)

Issued: 6/1/90

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective: 7/1/90

FILED

JUL 1 1990

Public Service Commissioner

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access Service  
Feature GroupsAPR 1 1993 (M)  
(M)

Switched Access Service is provided in four Feature Group arrangements: (T)  
(M)

- Feature Group A
- Feature Group B
- Feature Group C
- Feature Group D

The Local Transport, End Office, and Common Line rate categories described in Section 6.2. apply to all Switched Access Service.

6.3.1 Feature Group A (FGA)(A) Description

- (1) FGA is provided in connection with Telephone Company electronic and electromechanical end offices. At the option of the customer, FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling.
- (2) FGA provides a line side termination at the first point of switching (dial tone office). The line side termination will be provided with either ground start or loop start supervisory signaling. The type of signaling is at the option of the customer.

(M)

(M) Material previously appearing on 1st Revised Sheet 76 now appears on this sheet. MAY 01 1993

Issued: 4/1/93

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective:

MAY 01 1993

Oregon Farmers Mutual Tel. Co.

Original Sheet 77  
For Area Served

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access Service  
Feature Groups (Cont'd)6.3.1 Feature Group A (FGA) (Cont'd)(A) Description (Cont'd)

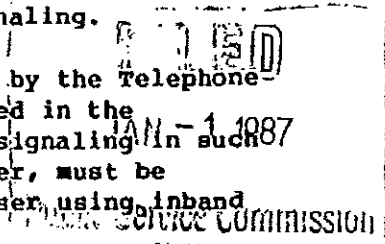
(3) The Telephone Company shall select the first point of switching, within the selected LATA, at which the line side termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities, where necessary, are available to accommodate such a request.

(4) A seven digit local telephone number assigned by the Telephone Company is provided for access to FGA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

If the customer requests a specific seven digit telephone number that is not currently assigned, and the Telephone Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

(5) FGA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction FGA switching may, at the option of the customer, be arranged for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching. When FGA switching is provided in a hunt group or uniform call distribution arrangement, all FGA switching will be arranged for the same type of address signaling.

(6) No address signaling is provided by the Telephone Company when FGA Switching is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques.





Oregon Farmers Mutual Tel. Co.

Original Sheet 78  
For Area Served

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access Service  
Feature Groups (Cont'd)

6.3.1 Feature Group A (FGA) (Cont'd)

(A) Description (Cont'd)

Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.

- (7) FGA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator service (0- and 0+), Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Telephone Company, community information services of an information service, other customers' services (by dialing the appropriate digits). Charges for terminating calls will be billed on a separate account for (1) an operator surcharge, as set forth in the local exchange tariffs, for local operator assistance (0- and 0+) calls, (2) calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, (3) calls from a FGA line to another customer's applicable service rates when the Telephone Company performs the billing function for that customer, and (4) calls to Directory Assistance (411 and 555-1212, whichever is available), according to applicable tariffs.

RECEIVED

NOV 3 1986

MISSOURI  
Public Service Commission

JAN - 1 1987

JAN - 1 1987

Public Service Commission

Issued: 11/3/86

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective: 1/1/87

Oregon Farmers Mutual Tel. Co.

Original Sheet 79  
For Area Served

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access Service  
Feature Groups (Cont'd)6.3.1 Feature Group A (FGA) (Cont'd)(A) Description (Cont'd)

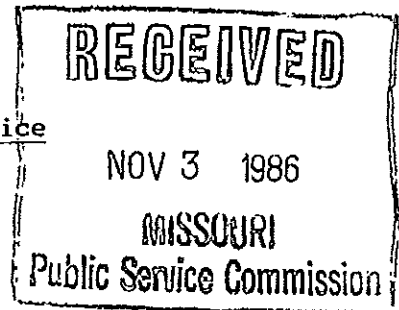
- (8) When a FGA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

(B) Testing Capabilities

FGA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. Additional testing services are available as set forth in Section 9. following for FGA.

6.3.2 Feature Group B (FGB)(A) Description

- (1) FGB, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company designated electronic access tandem switches, FGB switching is provided at Telephone Company electronic and electromechanical end office switches.
- (2) FGB is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
- (3) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions.



Issued: 11/3/86

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective: 1/1/87

 JAN - 1 1987  
 MISSOURI PUBLIC SERVICE COMMISSION

Oregon Farmers Mutual Tel. Co.

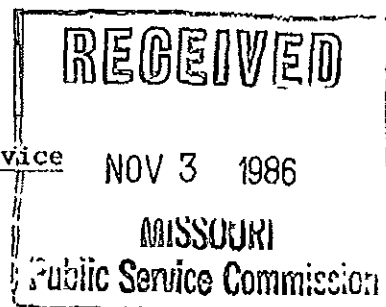
Original Sheet 80  
For Area Served

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access Service  
Feature Groups (Cont'd)6.3.2 Feature Group B (FGB) (Cont'd)(A) Description (Cont'd)

Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements, when available, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.

- (4) The access code for FGB switching is a uniform access code. The form of the uniform access code is 950-10XX for carriers. One uniform access code will be assigned to the customer for the customer's domestic communications and another will be assigned to the customer for its international communications, if required. These uniform access codes will be the assigned access numbers of all FGB switched access service provided to the customer by the Telephone Company.
- (5) FGB switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed.



Issued: 11/3/86

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective: 1/1/87

JAN - 1 1987

Oregon Farmers Mutual Tel. Co.

Original Sheet 81  
For Area Served

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access Service  
Feature Groups (Cont'd)6.3.2 Feature Group B (FGB) (Cont'd)(A) Description (Cont'd)

## (5) (Cont'd)

The customer will also be billed additional non access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a FGB trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 900 10XX access codes, local operator assistance (6 and 04), Directory Assistance (441 and 500-1200), special codes 611 and 911 or 10XXX access codes. FGB, in the terminating direction, may not be (1) switched to access another Feature Group B, C or D in the same LATA and (2) used to terminate originating FGC or FGD calls.

- (6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGB switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGB switching arrangement provided. Different types of FGB or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

- (7) When all FGB switching arrangements are discontinued at an end office and/or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

RECEIVED

NOV 3 1986

MISSOURI  
Public Service Commission

## ACCESS SERVICE

6. Switched Access Service (Cont'd)

APR 1 1993

6.3 Provision and Description of Switched Access Service Feature Groups (Cont'd)6.3.2 Feature Group B (FGB) (Cont'd)(B) Testing Capabilities

FGB is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Additional testing services are available as set forth in Section 9. following for FGB.

6.3.3 Feature Group C (FGC)(A) Description

- (1) FGC is provided at all Telephone Company end office switches. It is provided to the customer (i.e., provider of MTS) on a direct trunk basis or via Telephone Company designated access tandem switches. Originating FGC Access is available to all customers when used to provide the Interim NXX Translation optional features or 800 Data Base Access Service. Terminating FGC access is available to all customers other than providers of MTS and WATS when such access is used in conjunction with the provision of the Interim NXX Translation optional feature or 800 Data Base Access, but only for purposes of testing. Feature Group C switching is provided at an end office switch unless Feature Group D end office switching is provided in the same office. When FGD switching is available, FGC switching will not be provided.

(N)

(N)

- (2) FGC is provided as trunk side switching. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start start-pulsing signals are provided in all offices where available. In those offices where wink start start-pulsing signals are not available, immediate dial pulse signaling is provided. When FGC with SS7 Signal is provided, no inband signaling is provided.

(C)

(N)

(D)

Issued: 4/1/93

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective:

MAY 01 1993

Oregon Farmers Mutual Tel. Co.

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.3 Feature Group C (Cont'd)(A) Description (Cont'd)

- (3) FGC switching is provided with multifrequency address signaling or out of band SS7 signaling where technically feasible. With multifrequency address signaling and SS7 signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided. (N) (C) (C) (N) (C) (C) (N) (N) (N) (N)
- (4) The end user must dial a one digit access code to access the IC. In addition to the access code, the telephone number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed.
- (5) FGC switching when used in the terminating direction may be used to access valid telephone numbers in the local exchange area of the terminating end office switch.
- (6) Operator Trunk-Coin, Non-Coin, or Combined Coin and Non-Coin are optional features available with Feature Group C in electronic end offices and other-end offices where equipment is available. The arrangements provide for initial coin return control and routing of originating coin calls requiring operator assistance to the customer designated premises.

Issued: 4/1/93

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective:

MAY 01 1993

Oregon Farmers Mutual Tel. Co.

(N)

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provision and Description of Switched Access Service Feature Groups (Cont'd)

APR 1 1993

6.3.3 Feature Group C (FGC) (Cont'd)

ELECTRIC TELEPHONE CO.

(A) Description (Cont'd)

(7) Feature Group C switching is provided at all end office switches unless Feature Group D end office switching is provided in the same office. When FGD switching is available, FGC switching will not be provided. FGC is provided at Telephone Company end office switches on a direct trunk basis or via Telephone Company designated access tandem switches. Feature Group C switching is furnished to providers or MTS and WATS. Additionally, originating Feature Group C switching is available to all customers when used to provide the Interim NXX Translation optional feature of 800 Data Base service. Terminating Feature Group C switching is available to all customers who are not MTS and WATS providers only when such terminating access is for purposes of testing Feature Group C facilities provided in conjunction with the Interim NXX Translation optional feature or 800 Data Base Service.

(8) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGC switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGC switching arrangement provided. Different types of FGC or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

(9) Unless prohibited by technical limitations the providers of MTS and WATS may, at their option, combine Interim NXX Translation and/or 800 Data Base traffic in the same trunk group arrangement with their non-Interim NXX Translation traffic. When required by technical considerations, or when provided to a customer other than the provider of MTS and WATS, or at the request of the customer, (i.e., provider of MTS and WATS), a separate trunk group will be established for Interim NXX Translation traffic and/or 800 Data Base. E. ELECTRIC TELEPHONE CO.

C 1 1993

Issued: 4/1/93

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective:

MAY 01 1993

## ACCESS SERVICE

6. Switched Access Service (Cont'd)

APR 2 1993

6.3 Provision and Description of Switched Access Service Feature Groups (Cont'd)

P.S.C. MO. 83.283.001.001.

6.3.3 Feature Group C (Cont'd)(B) Testing Capabilities

(M)

FGC is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Additional testing services are available as set forth in Section 9. following for FGC.

(M)

(1) Acceptance Testing

(N)

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters: loss, C-notched noise, C-message noise, 3-tone slope, d.c. continuity and operational signaling.

When FGC with SS7 Signaling or CCSAC option is ordered, network compatibility and other operational tests will be performed cooperatively by the customer, the Telephone Company, and any agents contacted to provide CCSAC.

(2) Routine Testing

At no additional charge, the Telephone Company will, at the customer's request, test after installation on an automatic or manual basis, 1004 Hz loss, C-message noise and Balance (Return loss). In the case of automatic testing, the customer shall provide remote office test lines and 105 test lines with associated responders or their functional equivalent.

(N)

(M) Material previously appearing on 1st Revised Sheet 84 now appears on this sheet.

MAY 0 1 1993

P.S.C. MO. 83.283.001.001.

Issued: 4/1/93

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective:

MAY 0 1 1993



Oregon Farmers Mutual Tel. Co.

2nd Revised Sheet 84

1st Revised Sheet 84

For Area Served

## ACCESS SERVICE

6. Switched Access Service (Cont'd)

11-18-1993

APR 2 1993

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

MO. PUBLIC SERVICE COMMISSION

(M)  
|  
(M)6.3.4 Feature Group D (FGD)(A) Description

- (1) FGD is provided at Telephone Company designated office switches whether routed directly or via Telephone Company designated electronic access tandem switches. The Telephone Company will designate the first point(s) of switching for FGD services where the Telephone Company elects to provide equal access through a centralized equal access arrangement. Those Telephone Company offices providing equal access through centralized arrangements are identified in EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.
- (2) FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling. When FGD with SS7 signaling is ordered, no inband signaling is provided.
- (3) FGD switching is provided with multifrequency address signaling or out of band SS7 signaling. With multifrequency address signaling and SS7 signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

(N)  
|  
(N)(N)  
|  
(N)(C)  
(C)  
(C)  
(C)

(M) Material previously appearing on this sheet now appears on Original Sheet 83.2.

MAY 01 1993

MO. PUBLIC SERVICE COMMISSION

Issued: 4/1/93

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective:

MAY 01 1993

Oregon Farmers Mutual Tel. Co.

1st Revised Sheet 84.1  
 Cancels Original Sheet 84.1  
 For Area Served

## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

APR 1 1993

6.3.4 Feature Group D (FGD)

REGULATORY SERVICES

(A) Description

(4) FGD switching, when used in the originating direction, is provided with multifrequency address signaling. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency, dial pulse address signals, or common channel signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

(N)

(N)

(5) FGD switching, when used in the terminating direction, may be used to access valid NXX's in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX Codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed.

(T)

The customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a FGD trunk to another customer's service in accordance with that

(M)

(M) Material previously appearing on this sheet now appears on 1st Revised Sheet 84.2.

MAY 1 1993

Issued: 4/1/93

Robert Williams, Manager  
 P. O. Box 227  
 Oregon, Missouri 64473

Effective:

MAY 01 1993

REGULATORY SERVICES

Oregon Farmers Mutual Tel. Co.

1st Revised Sheet 84.2  
 Cancels Original Sheet 84.2  
 For Area Served

## ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.4 Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

## (5) (Cont'd)

customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911, and 10XXX access codes. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

(M)

(M)

(6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGD switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

(T)

(7) The access code for FGD switching is a uniform access code of the form 10XXX. A single access code will be the assigned number of all FGD access provided to the customer by the Telephone Company. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer, as set forth in 9.3.3 following.

(T)

(M)

(M) Material previously appearing on Original Sheet 84.1 now appears on this sheet and material previously appearing on this sheet now appears on 1st Revised Sheet 84.3.

Issued: 4/1/93

Robert Williams, Manager  
 P. O. Box 227  
 Oregon, Missouri 64473

Effective:

MAY 01 1993

1993

APR 1 1993

1993

MAY 01 1993

1993

P.S.C. MO. No. 6

Oregon Farmers Mutual Tel. Co.

1st Revised Sheet 84.3  
Cancels Original Sheet 84.3  
For Area Served

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

APR 2 1993

6.3.4 Feature Group D (FGD) (Cont'd)

MS. FERGUSON SERVICE FORM.

(A) Description (Cont'd)

(7) (Cont'd)

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP).

(M)

When the 10XXX access code is used, FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or the end-of-dialing digit (#) for cut-through access to the customer's premises.

(M)

- (8) FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing 10XXX uniform access code. Each telephone exchange service line may be marked with a code to identify which 10XXX code its calls will be directed to for interLATA service.

(T)

- (9) Unless prohibited by technical limitations, the customer's Interim NXX Translation and/or 800 Data Base traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's non-Interim NXX Translation and/or 800 Data Base traffic. When required by technical limitations, or at the request of the customer, a separate trunk group will be established for Interim NXX Translation and/or 800 Data Base traffic.

(T)

(C)

(C)

(C)

(C)

(C)

(C)

(M)

(M) Material previously appearing on Original Sheet 84.2 now appears on this sheet and material previously appearing on this sheet now appears on 1st Revised Sheet 84.4.

MS. FERGUSON SERVICE FORM.

Issued: 4/1/93

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective:

MAY 01 1993

Oregon Farmers Mutual Tel. Co.

1st Revised Sheet 84.4  
 Cancels Original Sheet 84.4  
 For Area Served

## ACCESS SERVICE

6. Switched Access Service (Cont'd)

REVISED

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd) APR 1 1993

MO. PUBLIC SERVICE COMM.

6.3.4 Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

(10) When a customer has had FGB access in an end office and subsequently replaces the FGB access with FGD access, at the mutual agreement of the customer and the Telephone Company, the Telephone Company will direct calls dialed by the customer's end users using the customer's previous FGB access code to the customer's FGD access service.

(T)(M)

(M)

The customer must be prepared to handle normally dialed FGD calls, as well as calls dialed with the FGB access code which requires the customer to receive additional address signaling from the end user. Such calls will be rated as FGD. The Telephone Company may, with 90 days' written notice to the customer, discontinue this arrangement.

(B) Testing Capabilities

FGD is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.3, which are included with the installation of service and as ongoing routine testing, additional testing of facilities is available as set forth in Section 9.

When FGD with SS7 signaling option is ordered, network compatibility and other operational tests will be performed cooperatively by the customer, the Telephone Company, and any agents contacted to provide CCSAC.

(N)

(N)

REVISED (M)

(M) Material previously appearing on Original Sheet 84.3 now appears on this sheet and material previously appearing on this sheet now appears on 1st Revised 84.5. MAY 0 1 1993

MO. PUBLIC SERVICE COMM.

Issued: 4/1/93

Robert Williams, Manager  
 P. O. Box 227  
 Oregon, Missouri 64473

Effective:

MAY 0 1 1993

1st Revised Sheet 84.5  
Cancels Original Sheet 84.5  
For Area Served

Oregon Farmers Mutual Tel. Co.

ACCESS SERVICE

APR 1 1993

6. Switched Access Service (Cont'd)

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.4 Feature Group D (FGD) (Cont'd)

(C) Transmission Specifications

FGD is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or C is provided.
- When routed to an access tandem only Type A is provided.
- Type A is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2 through 10.

Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office. Type DB Data Transmission Parameters are provided with FGD for the transmission path between the customer's premises and the end office when directly routed to the end office.

(D) Optional Features

Where facilities permit, the Telephone Company will, at the option of the customer, provide optional features. These optional features are described in Section 6.3.6 following.

(M) Material previously appearing on Original Sheet 84.4 now appears on this sheet and material previously appearing on this sheet now appears on 1st Revised Sheet 85.

Issued: 4/1/93

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective:

MAY 01 1993

MO. PUBLIC SERVICE COMM.

Oregon Farmers Mutual Tel. Co.

(N)

## ACCESS SERVICE

6. Switched Access Service (Cont'd)

APR 1 1993

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)6.3.6 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)(A) Optional Features (Cont'd)(1) Common Switching Nonchargeable Optional Features (Cont'd)(g) Multifrequency Address Signaling

Multifrequency Address Signaling is available as an optional feature with FGC and FGD. This feature provides for the transmission of number information and control signals (e.g., number address signals, automatic number identification) between the end office switch and the customer's premises (in either direction). Multifrequency signaling arrangements make use of pairs of frequencies out of a group of six frequencies. Specific information transmitted is dependent upon feature group and call type (i.e., POTS, coin or operator). This feature is not available in combination with SS7 signaling.

(h) Signaling System 7 (SS7) Signaling

This feature provides common channel out of band transmission of address and supervisory SS7 protocol signaling information between the end office switch or the tandem office switching system and the customer's designated premises. This feature is available only in offices where technically feasible as indicated in NATIONAL EXCHANGE CARRIER ASSOCIATION INC., TARIFF P.C.C. NO. 4. The signaling information is transmitted to the Telephone Company designated STP which may be provided by a separate entity. The customer must arrange CCSAC facilities with the entity providing the STP in order to receive SS7 signaling from the Telephone Company. This feature is available with FGC

MAY 01 1993

Issued: 4/1/93

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective: MAY 01 1993

Oregon Farmers Mutual Tel. Co.

(N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

APR 1 1993

6.3 Provisions and Description of Switched Access Service Feature Groups (Cont'd)

6.3.6 Common Switching Transport Termination and Interim NXX Translation Optional Features (Cont'd)

(A) Optional Features (Cont'd)

(1) Common Switching Nonchargeable Optional Features (Cont'd)

(h) Signaling System 7 (SS7) Signaling (Cont'd)

and FGD and will be provided in accordance with the SS7 Interconnect specifications described in Technical Reference TR-TSV-000905..

(i) Calling Party Number (CPN)

This feature provides for the automatic transmission of the ten digit directory number, associated with a calling station, to the customer's premises for calls originating in the LATA. The ten digit telephone number consists of the NPA plus the seven digit telephone number, which may or may not be the same number as the calling station's charge number. The ten digit telephone number will be coded as presented, or restricted via a "privacy indicator" for delivery to the called end user. This feature is provided with originating FGC and FGD with SS7 signaling. CPN is available where technically feasible.

(j) Carrier Selection Parameter (CSP)

This feature provides for the automatic transmission of a signaling indicator which signifies to the customer whether or not the call being processed originated from a presubscribed line. If the line was presubscribed, the indicator will signify if the end user did or did not dial 10XXX. This feature is provided with originating FGD with SS7 signaling.

\* CSP is available only at selected Telephone Company switches.

MAY 1 1993

Issued: 4/1/93

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective:

MAY 01 1993



P.S.C. MO. No. 6

Oregon Farmers Mutual Tel. Co.

1st Revised Sheet 103.1.3  
Cancels Original Sheet 103.1.3  
For Area Service

RECEIVED

ACCESS SERVICE

JUN 21 1995

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

MO. PUBLIC SERVICE COMM.

6.7.4 Determining Access Minutes (Cont'd)

(Z)

(F) Feature Group D Usage Measurement (Cont'd)

(2) Terminating Usage

For terminating calls over FGD the chargeable access minutes are either measured or derived.

For terminating calls over FGD provided with Multifrequency Signaling, where measurement capability exists, the measurement of chargeable access minutes begins when the terminating FGD first point of switching receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered. This measurement ends when the terminating FGD first point of switching receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the first point of switching.

For terminating calls over FGD, where measurement capability does not exist, terminating FGD usage is derived from originating usage, excluding usage from calls to closed end services or Directory Assistance Service.

For terminating calls over FGD with SS7 signaling, usage measurement begins when the terminating recording switch receives answer supervision from the terminating end user. The Telephone Company switch receives answer supervision and sends the indication to the customer in the form of an answer message. The measurement of terminating FGD call usage ends when the entry switch receives or sends a release message, whichever occurs first.

FILED

JUL 21 1995

MISSOURI  
Public Service Commission

Issued: June 21, 1995

Robert Williams, Manager  
P. O. Box 227  
Oregon, Missouri 64473

Effective: July 21, 1995