UNITED TELEPHONE COMPANY OF MISSOURI D/B/A SPRINT Original Adoption Notice Page

ADOPTION NOTICE (N)

Effective July 5, 1996, United Telephone Company of Missouri registered the fictitious name Sprint. United Telephone of Missouri d/b/a Sprint hereby adopts, ratifies, and makes its own, in every respect as if the same had been originally filed by it, all schedules, rules, notices, concurrences, schedule agreements, divisions, authorities or other instruments whatsoever, filed with the Public Service Commission, State of Missouri, by United Telephone Company of Missouri prior to September 9, 1996.

By this notice it also adopts and ratifies all supplements or amendments to any of the above schedules, etc., which the United Telephone Company of Missouri has heretofore filed with said Commission. (N)

## RECEIVED

AUG 08 1996

P.S.C.MO.-No. 26

MISSOUR: Public Service Commission

UNITED TELEPHONE COMPANY OF MISSOURI D/B/A SPRINT

Original Adoption Notice Page

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By this notice it also adopts and ratifies all supplements or amendments to any of the above schedules, etc., which the United Telephone Company of Missouri has heretofore filed with said Commission.

**CANCELLED** 

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Public Service Commission

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MO.PUBLICSERVICE COMM

ISSUED: August 8, 1996

> BY: John L. Roe Vice President - Carrrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

SEP 2 3 1996

EFFECTIVE:

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#### ACCESS SERVICE

## REGULATIONS, RATES AND CHANGES

Applying to

the provision of Access Services within an exchange

for connection to Intrastate Communications Facilities for Intrastate Customers in the operating territory of United Telephone Company of Missouri in the state of Missouri

as set forth on title page 2

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

#### ACCESS SERVICE

Following are the exchanges in which Access Services are available in Missouri. The exchange areas are as defined by maps filed with the Missouri Public Service Commission as part of the Telephone Company's Local Exchange Tariff.

> Appleton City Blackburn Blairstown Brazito Buckner Butler Calhoun California Camden Point Centertown Centerview Chilhowee Clarksburg Clinton Coal Cole Camp Craiq Dearborn Deepwater Edgerton Eugene Fairfax Ferrelview Ft. Leonard Wood Green Ridge Hardin Harrisonville

Henrietta Holden Holt Hopkins Houstonia Ionia Jefferson City Kearney King City Kingsville Lake Lotawana Lebanon Leeton Lexington Lincoln Lone Jack Malta Bend Maryville Missouri City Montrose Mound City New Bloomfield Newburg Norborne Oak Grove Odessa Orrick

Otterville Pickering Platte City Pleasant Hill Richland Rolla Russellville St. Robert St. Thomas Salem Smithton Strasburg Sweet Springs Syracuse Taos Tarkio Tipton Urich Warrensburg Warsaw Waverly Waynesville Wellington Weston

Windsor

Following is the exchange in which Access Services are available in Iowa. The exchange area is as defined by a map filed with the Iowa State Commerce Commission as part of the Telephone Company's Local Exchange Tariff.

North Hopkins

SPRINT MISSOURI, INC. d/b/a SPRINT

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 NOV 7/

UNITED TELEPHONE COMPANY OF MISSOURI D/B/A SPRINT

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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ISSUED: November 29, 2000 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: December 29, 2000

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ISSUED: November 29, 2000 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: December 29, 2000

Missouri Public Service Commission

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**ISSUED:** 

September 4, 1997 BY: John L. Roe

VP - Carrier & Regulatory Services

5454 West 110th Street

Overland Park, Kansas 66211

GÉFFE ÉTÉR: October 6, 1997 MISSOURI Public Service Commission

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Communications System

Data Transmission (107 Type) Test Line

Customer(s)

Decibel

MAR 3 1 1995

MISSOURI Public Service Commission

ISSUED:

**EFFECTIVE:** March 31, 1995

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February 28, 1995 BY: John L. Roe

Vice President - Carrier and Regulatory Services

5454 West 110th Street

Overland Park, Kansas 66211

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ISSUE DATE: December 23, 1993 BY: John L. Roe Public Service Confrictive DATE:
Vice President - Administration January 24, 1994
5454 West 110th Street

Overland Park, Kansas 66211

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ISSUED:

BY: John L. Roe September 17, 1992 Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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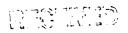
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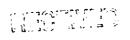
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OF MISSOURI

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ISSUED: March 27, 1996 John L. Roe EFFECTIVE:
April 29, 1996

BY: John L. Roe Apr Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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ISSUED: March 27, 1996 EFFECTIVE: April 29, 1996

BY: John L. Roe Apr Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211 6.

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By: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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BY: John L. Roe
Vice President - Carrier and Regulatory Services
5454 West 110th Street
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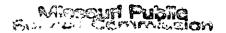
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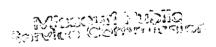
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Purchase of Accounts Receivable

Service mark of United Telecommunications, Inc.

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Public Service Comingation MISSOURI

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ISSUED: April 26, 1996

BY: John L. Roe
Vice President - Carrier and Regulatory Services
5454 West 110th Street
Overland Park, Kansas 66211

JUN 10 1996

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ACCESS SERVICE

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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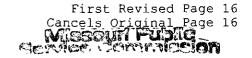
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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

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Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE:

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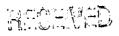
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By 2ND RP 16.2

Public Service Commission

MISSOURI

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NOV 6 1994

MISSOURI Public Service Commission

ISSUE DATE: October 6, 1994 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: November 6, 1994

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Public Service Commission

MISSOURI

OCT - 3 1994

ISSUED: September 2, 1994

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 MISSOURI Public Serrica Commission October 3, 1994

CONCURRING CARRIERS

NO CONCURRING CARRIERS

CONNECTING CARRIERS

NO CONNECTING CARRIERS

OTHER PARTICIPATING CARRIERS

NO OTHER PARTICIPATING CARRIERS

# UNITED TELEPHONE COMPANY OF MISSOURI

#### ACCESS SERVICE

#### EXPLANATION OF SYMBOLS

(C)	_	То	signify changed regulation
(D)	-	То	signify discontinued rate or regulation
(I)	-	То	signify increase
(M)	-	То	signify matter relocated without change
(N)	_	To	signify new rate or regulation
(R)	_	To	signify reduction
(S)	_	To	signify reissued matter
(T)	_	To	signify a change in text but no change in rate or
regul	ation		
(Z)	-	То	signify a correction
EXPLANATION		OF	ABBREVIATIONS

ac - alternating current

AML - Actual Measured Loss

ANI - Automatic Number Identification

AP - Program Audio

AT&T - American Telephone and Telegraph Company

AUL - Annual Underutilization Liability
BHMC - Busy Hour Minutes of Capacity

BD - Business Day

CNCC - Customer Network Control Center

COCTX - Central Office Centrex

Cont'd - Continued

CSACC - Customer Service Administration Control Center

Ctx - Centrex

DA - Digital Data Access

db - decibel

dBrnCO - Decibel Reference Noise C-Message Weighted O

dc - direct current

EML - Expected Measured Loss
ESS - Electronic Switching System

ESSX - Electronic Switching System Exchange

f - frequency

F.C.C. - Federal Communications Commission

FX - Foreign Exchange HC - High Capacity

Hz - Hertz

IXC - Intrastate Customer
ICB - Individual Case Basis
ILP - Initial Liability Period
kbps - kilobits per second

kHz - kilohertz

LATA - Local Access and Transport Area

LDMTS - Long Distance Message Telecommunications Service(s)

Ma - milliamperes

Mbps - Megabits per second

MHz - Megahertz

SPRINT MISSOURI, INC. d/b/a SPRINT

(N)

First Revised Page 18 Cancels Original Page 18

#### ACCESS SERVICE

## EXPLANATION OF SYMBOLS

Missouri Public

(C) To signify changed regulation

(D) To signify discontinued rate or regulation **REC'D** APR 1 0 2002

To signify increase (1)

To signify matter relocated without change (M) To signify new rate or regulation

Service Commission

CANCELLED

To signify reduction (R)

To signify reissued matter **(S)** 

(T)To signify a change in text but no change in rate or regulation

To signify a correction

#### **EXPLANATION OF ABBREVIATIONS**

alternating current ac **AML Actual Measured Loss** 

ANI **Automatic Number Identification** 

AΡ Program Audio

T&TA American Telephone and Telegraph Company

AUL Annual Underutilization Liability

BD **Business Day** 

**Customer Network Control Center** CNCC

Central Office Centrex COCTX

Cont'd Continued

**CSACC** Customer Service Administration Control Center

Ctx Centrex

DA **Digital Data Access** 

db decibel

Decibel Reference Noise C-Message Weighted O dBrnCO

direct current dc

**EML Expected Measured Loss** ESS **Electronic Switching System** 

ESSX Electronic Switching System Exchange

f frequency

F.C.C. **Federal Communications Commission** 

FΧ Foreign Exchange **High Capacity** HC

Hertz Hz

IXC Intrastate Customer Individual Case Basis **ICB** ILP Initial Liability Period kilobits per second kbps

kilohertz kHz

Service Commission Local Access and Transport Area LATA

Long Distance Message Telecommunications Service(s) **LDMTS** 

milliamperes Ma

Megabits per second Mbps

MHz Megahertz

ISSUED: April 10, 2002

Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101

EFFECTIVE: May 11, 2002

Missouri Public

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#### EXPLANATION OF SYMBOLS

SEP 17 1992

(C)	•	To signify changed regulation To signify discontinued rate or regulation MISSOURI To signify increase Public Service Commission
(D)	-	To signify discontinued rate or regulation WISSUURI
(I)	-	To signify increase Public Service Commission
(M)	-	To signify matter relocated without change
(N)	-	To signify new rate or regulation
(R)	=	To signify reduction
(S)	-	To signify reissued matter
(T)	-	To signify a change in text but no change in rate or regulation
(Z)	<u></u>	To signify a correction

#### EXPLANATION OF ABBREVIATIONS

ac	_	alternating current
AML	-	Actual Measured Loss
ANI	-	Automatic Number Identification
AP	-	Program Audio
T&TA	-	American Telephone and Telegraph Company
AUL	_	Annual Underutilization Liability
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Ctx	-	Centrex
DA	-	Digital Data Access
db	-	decibel
dBrnCO	-	Decibel Reference Noise C-Message Weighted O
dc	-	direct current
EML	-	Expected Measured Loss
ESS	-	Electronic Switching System
ESSX	-	Electronic Switching System Exchange
f	-	frequency CANCELLED
F.C.C.	-	Federal Communications Commission
FX	-	Foreign Exchange MAY 1 1 2002
HC	-	
Hz	-	High Capacity Hertz Intrastate Customer  Line Service Commission
IXC	-	Intrastate Customer ublic Service Commission
ICB	-	Individual Case Basis MISSOURI
ILP	-	Initial Liability Period
kbps	-	kilobits per second
kHz	-	kilohertz
LATA	-	Local Access and Transport Area
LDMTS	-	Long Distance Message Telecommunications Service(s)
Ма	-	milliamperes
Mbps	-	Megabits per second
MHz	-	Megahertz Ellipsia
		. 02

MOV 7 1992

ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 MO. PUDLO SERVICE SERVICE:

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SPRINT MISSOURI, INC. d/b/a SPRINT

Fourth Revised Page 19 Cancels Third Revised Page 19

(Z)

(Z)

#### ACCESS SERVICE

#### **EXPLANATION OF ABBREVIATIONS**

MOU - Minutes of Use

MRC - Monthly Recurring Charge
MTL - Maximum Termination Liability

MTS - Message Telecommunications Service(s)

MTS/WATS - Message Telecommunications Service and/or Wide Area

Telecommunications Service

MTS/WATS - Execunet/Sprint-type Intrastate Services which MCI type Telecommunications

Corporation presently markets as Execunent and Network Service and which GTE Sprint formerly South Pacific markets as Sprint IV and V or any other like services which

may be offered by those two carriers or any other common carriers.

N/A - Not Available at this time
 NPA - Numbering Plan Area
 NRC - Nonrecurring Charge
 NTS - Non-Traffic Sensitive

NXX - Three Digit Central Office Code

PBX - Private Branch Exchange
PCM - Pulse Code Modulation
PI - Priority Installation
PLR - Private Line Ringdown
PR - Priority Restoration

RMC - Recurring Monthly Charge

rms - root-mean-square

SSN - Switched Service Network

SWC - Serving Wire Center

TES - Telephone Exchange Service(s)

TLP - Transmission Level Point
TSP - Telecommunications Service(s)
TSPS - Traffic Service Position System

USOC - Uniform Service Order Code

VG - Voice Grade

V & H - Vertical & Horizontal

WATS - Wide Area Telecommunications Service(s)

## 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.

ISSUED: May 27, 2005 Richard D. Lawson
State Executive, External Affairs
319 Madison
Jefferson City, MO 65101

EFFECTIVE: June 30, 2005



SPRINT MISSOURI, INC. d/b/a SPRINT

Third Revised Page 19 Cancels Second Revised Page 19

#### **ACCESS SERVICE**

Missouri Public

**EXPLANATION OF ABBREVIATIONS** 

RECO JUL 02 2002

MOU - Minutes of Use

MRC - Monthly Recurring Charge
MTL - Maximum Termination Liability

Service Commission

MTS - Message Telecommunications Service(s)

MTS/WATS - Message Telecommunications Service and/or Wide Area

Telecommunications Service

MTS/WATS - Execunet/Sprint-type Intrastate Services which MCI

type and

Telecommunications Corporation presently markets as Execunent and Network Service and which GTE Sprint formerly South Pacific

markets as Sprint IV

be offered by those two carriers or any

CANCELLED

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other common carriers.

N/A - Not Available at this time
NPA - Numbering Plan Area
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NXX - Three Digit Central Office Code
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USOC - Uniform Service Order Code

VG - Voice Grade

V & H - Vertical & Horizontal

WATS - Wide Area Telecommunications Service(s)

Missouri Public

(D)

FILED AUG 1 2 2002

Service Commission

#### 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.

ISSUED: July 2, 2002 Richard D. Lawson
State Executive, External Affairs
319 Madison
Jefferson City, MO 65101

EFFECTIVE:

AUG 1 2 2002

SPRINT MISSOURI, INC. d/b/a SPRINT

MOU

Second Revised Page 19 Cancels First Revised Page 19

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AUG 1 2 2002

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#### ACCESS SERVICE

# Wissouri Public Service Commission

#### EXPLANATION OF ABBREVIATIONS

REC'D FEB 09 2000

Minutes of Use MRC Monthly Recurring Charge MTL Maximum Termination Liability MTS Message Telecommunications Service(s)

MTS/WATS -Message Telecommunications Service and/or Wide Area

Telecommunications Service

MTS/WATS -Execunet/Sprint-type Intrastate Services which MCI

Telecommunications Corporation presently markets as Execument and type and Network Service and which GTE Sprint formerly South Pacific markets as Sprint IV and V or any other like services which may be offered by those two carriers or any other common carriers.

N/A Not Available at this time

NPA Numbering Plan Area NRC Nonrecurring Charge NTS Non-Traffic Sensitive

NXXThree Digit Central Office Code

PBX Private Branch Exchange PCM Pulse Code Modulation PΙ Priority Installation PLR Private Line Ringdown PR Priority Restoration

RMC Recurring Monthly Charge

root-mean-square rms

SSN Switched Service Network

SWC Serving Wire Center

TES Telephone Exchange Service(s)

TLPTransmission Level Point TSP Telecommunications Service(s)

TSPS -Traffic Service Position System

TV Television

USOC -Uniform Service Order Code

VG Voice Grade

V & H -Vertical & Horizontal

WATS -Wide Area Telecommunications Service(s)

#### 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.

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FILED MAR 1 0 2000

ISSUED: February 9, 2000

Richard D. Lawson State Executive, External Affairs

EFFECTIVE: March 10, 2000

First Revised Page 19 Cancels Original Page 19

#### ACCESS SERVICE

#### EXPLANATION OF ABBREVIATIONS

MOU Minutes of Use

MRC Monthly Recurring Charge RECT) SEP 10 1999 (D)

MTL Maximum Termination Liability

MTS Message Telecommunications Service(s)

Message Telecommunications Service and/or Wide Area MTS/WATS -

Telecommunications Service

MTS/WATS - Execunet/Sprint-type Intrastate Services which MCI

Telecommunications Corporation presently markets as Execument and type and Network Service and which GTE Sprint formerly South Pacific markets as Sprint IV and V or any other like services which may be offered by those two carriers or any other common carriers.

N/A Not Available at this time

NPA Numbering Plan Area NRC Nonrecurring Charge NTSNon-Traffic Sensitive

NXXThree Digit Central Office Code

PBX Private Branch Exchange PCM Pulse Code Modulation Priority Installation PΙ PLR Private Line Ringdown PŘ Priority Restoration

RMC Recurring Monthly Charge

Rms root-mean-square

SSN Switched Service Network

SWC Serving Wire Center

TES Telephone Exchange Service(s)

TG Telegraph Grade

TLP Transmission Level Point

TSP Telecommunications Service(s) TSPS Traffic Service Position System

 $\nabla \mathbf{r}$ Television

USOC -Uniform Service Order Code

Voice Grade

V & H -Vertical & Horizontal

ATS -Wide Area Telecommunications Service(s) (D) (D)

## 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.

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MAR 1 0 2000 By 2Nd RP19 **Public Service Commission** MISSOURI

FILED HITT 15 1999

ISSUED:

Richard D. Lawson September 10, 1999 State Executive, External Affairs



# UNITED TELEPHONE COMPANY OF MISSOURI

### ACCESS SERVICE

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# EXPLANATION OF ABBREVIATIONS

SEP 17 1992

MOII		Minutes of To-	MISSOURI
MOU MRC	-	Minutes of Use	Oublic Service Commission
MT	<u>-</u>	Monthly Recurring Charge Metallic	dome service Commission
MTL	_	Maximum Termination Liability	
MTS	_	Message Telecommunications Service	2/0)
MTS/WATS	-	Message Telecommunications Service	
HIS/MAIS	<del></del>	Telecommunications Service	s and/or wide wies
MTS/WATS-type	_	Execunet/Sprint-type Intrastate Se	arrices which MCT
mointo-cybe	-	Telecommunications Corporation pre	
		Execunet and Network Service and v	•
		South Pacific markets as Sprint IV	• • • • • • • • • • • • • • • • • • •
		services which may be offered by t	
		other common carriers.	chose two carriers of any
N/A	_	Not Available at this time	
NPA	_	Numbering Plan Area	
NRC	-	Nonrecurring Charge	
NTS	-	Non-Traffic Sensitive	
NXX	-	Three Digit Central Office Code	
PBX	_	Private Branch Exchange	
PCM	-	Pulse Code Modulation	
PI	<u>.</u>	Priority Installation	
PLR	-	Private Line Ringdown	
PR	-	Priority Restoration	
RMC	-	Recurring Monthly Charge	SIGNIED
rms	-	root-mean-square	CANCELLED
SSN	-	Switched Service Network	
SWC	, <b>-</b>	Serving Wire Center	OOT 1 5 1999
TES	-	Telephone Exchange Service(s)	OCT 1 5 1999  By Caprice Continuation
TG	-	Telegraph Grade	
TLP	_	Transmission Level Point	By Strong Continuation Public Service Continuation MISSOURI
TSP	-	Telecommunications Service(s)	Public Service OURI
TSPS	_	Traffic Service Position System	<b>10</b> =
TV	-	Television	
USOC	-	Uniform Service Order Code	
VG		Voice Grade	
V & H	-	Vertical & Horizontal	
WA	-	Wideband Analog	•
WATS	-	Wide Area Telecommunications Servi	ice(s)
WD	-	Wideband Data	

### 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.

MOV ? 1992

Mo. Public service comm.

ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

NOV 7 1982

## 1. Application of Tariff

- 1.1 This tariff contains regulations, rates and charges applicable to the provision of Carrier Common Line, End User Access, Switched Access and Special Access Services, and other miscellaneous services, hereinafter referred to collectively as service(s), provided by the Telephone Company, to Customers(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 Whenever reference is made in this Company's tariffs to other tariffs of the company or other tariffs in which the company concurs, the reference is to the tariffs in force as of the effective date of those tariffs in force as of the effective date tariffs, and the amendments thereto and successive issues thereof.

(D) (D)

ISSUED: May 27, 2005

Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: June 30, 2005



UNITED TELEPHONE COMPANY
OF MISSOURI

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SEP 17 1992

MISSOURI

## ACCESS SERVICE

provided by the Telephone Company, to Customers(s).

## 1. Application of Tariff

- 1.1 This tariff contains regulations, rates and charges applicable to the provision of Carrier Common Line, End User Access, Switched Access and Special Access Services, and other miscellaneous services, hereinafter referred to collectively as service(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 Whenever reference is made in this Company's tariffs to other tariffs of the company or other tariffs in which the company concurs, the reference is to the tariffs in force as of the effective date of those tariffs in force as of the effective date tariffs, and the amendments thereto and successive issues thereof.

Local exchange carriers (LECs), subject to this tariff, are also subject to terms and conditions of the Conceptual Framework, Missouri Intrastate, Intra LATA Primary Carrier By Toll Center Plan filed in Case N. TO-84-222 et al., as modified and approved by the Missouri Public Service Commission.

FILED

NOV 7 1992

ISSUED: September 17, 1992 BY: John L. Roe Vice President 5454 West 110th Street Overland Park, Kansas 66211 MO. PUBLIC SETUPE COMM.

CCCORD 17: 1992

NOV 7 1992

#### 2. General Regulations

## Undertaking of the Telephone Company

## 2.1.1 Scope

- (A) Reserved For Future Use
- (B) The Telephone Company does not undertake to transmit messages under this tariff.
- (C) The Telephone Company shall be responsible only for the installation, operation and maintenance of the services it provides.
- (D) The Telephone Company will, for maintenance purposes, test its services only to the extent necessary to detect and/or clear troubles.
- (E) Services are provided 24 hours daily, seven days per week, except as set forth in other applicable sections of this tariff.
- (F) The Telephone Company does not warrant that its facilities and services meet standards other than those set forth in this tariff.

## 2.1.2 Limitations

- (A) The customer may not assign or transfer the use of services provided under this tariff; however, where there is no interruption of use or relocation of the services, such assignment or transfer may be made to:
  - (1) another customer, whether an individual, partnership, association or corporation, provided the assignee or

- 2. General Regulations (Cont'd)
  - 2.1 Undertaking of the Telephone Company (Cont'd)
    - 2.1.2 Limitations (Cont'd)
      - (A) (Cont'd)
        - (1) (Cont'd)

transferee assumes all outstanding indebtedness for such services, and the unexpired portion of the minimum period and the termination liability applicable to such services, if any; or

(2) a court-appointed receiver, trustee or other person acting pursuant to law in bankruptcy, receivership, reorganization, insolvency, liquidation or other similar proceedings, provided the assignee or transferee assumes the unexpired portion of the minimum period and the termination liability applicable to such services, if any.

In all cases of assignment or transfer, the written acknowledgment of the Telephone Company is required prior to such assignment or transfer which acknowl-edgement shall be made within 15 days from the receipt of notification. All regulations and conditions contained in this tariff shall apply to such assignee or transferee.

The assignment or transfer of services does not relieve or discharge the assignor or transferor from remaining jointly or severally liable with the assignee or transferee for any obligations existing at the time of the assignment or transfer.

(B) The installation, use, and restoration of services shall be in accordance with the Federal Communi-cations Commission's Rules and shall be subject to the regulations set forth following in the Tele-communications Service Priority (TSP) System.

ISSUED: Richard D. Lawson EFFECTIVE: September 17, 1992State Executive, External AffairsNovember 7, 1992

- 2. General Regulations (Cont'd)
  - 2.1 Undertaking of the Telephone Company (Cont'd)
    - 2.1.2 Limitations (Cont'd)
      - (C) Subject to compliance with the rules mentioned in (B) preceding, the services offered herein will be provided to customers on a first-come, first-served basis.
      - (D) The sharing of Switched and Access Services may not include the sharing and reselling of Community Optional Service (COS), a Local Exchange Service.

2.1.3 Liability

- (A) The Telephone Company's liability, if any, for its willful misconduct is not limited by this tariff. With respect to any other claim or suit, by a customer or by any others, for damages associated with the installation, provision, termination, maintenance, repair or restoration of service, and subject to the provisions of (B) through (K) following, the Telephone Company's liability except as set forth in 8.1.3 following, if any, shall not exceed an amount equal to the proportionate charge for the service for the period during which the service was affected. This liability for damages shall be in addition to any amounts that may otherwise be due the customer under this tariff as a Credit Allowance for a Service Interruption.
- (B) The Telephone Company shall not be liable for any act or omission of any other carrier or customer providing a portion of a service, nor shall the Telephone Company for its own act or omission hold liable any other carrier or customer providing a portion of a service.
- (C) The Telephone Company shall not be liable for any act or omission concerning the implementation of Presubscription as set forth in 13.3.3 following, unless the damage is caused by the Telephone Company's negligence.
- (D) The Telephone Company is not liable for damages to the customer premises resulting from the furnishing of a service, including the installation and removal of equipment and associated wiring, unless the damage is caused by the Telephone Company's negligence.

ISSUED: April 20, 1999 Richard D. Lawson EFFECTIVE: State Executive, External AffairsJuly 1, 1999 319 Madison Jefferson City, MO. 65101

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General Regulations (Cont'd)

SEP 171992

2.1 <u>Undertaking of the Telephone Company</u> (Cont'd)

MISSOURI
Public Service Commission

2.1.2 Limitations (Cont'd)

- (C) Subject to compliance with the rules mentioned in (B) preceding, the services offered herein will be provided to customers on a first-come. first-served basis.
- (D) The sharing of Switched and Access Services may not include the sharing and reselling of Community Optional Service (COS), a Local Exchange Service.

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- (B) The Telephone Company shall not be liable for any act or omission of any other carrier or customer providing a portion of a service, nor shall the Telephone Company for its own act or omission hold liable any other carrier or customer providing a portion of a service.

The Telephone Company shall not be liable for any act or omission concerning the implementation of Presubscription as set forth in 13.3.3 following, unless the damage is caused by the Telephone Company's negligence.

(D) The Telephone Company is not liable for damages to the customer premises resulting from the furnishing of a service, including the installation and removal of equipment and associated wiring, unless the damage is caused by the Telephone Company's negligence.

NOV 7 1992

MO. PUBLIC SERVICE COMM.

ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

NOV 7 1990

- 2. General Regulations (Cont'd)
  - Undertaking of the Telephone Company (Cont'd) 2.1.3 Liability (Cont'd)
    - (E) The Telephone Company will not be liable for any consequential, incidental or indirect damages for any cause of action, whether in contract or tort. Consequential, incidental, and indirect damages include, but are not limited to, lost projects, lost revenues, and loss of business opportunity, whether or not the Telephone Company was aware or should have been aware of the possibility of these damages.
    - (F) The Telephone Company shall be indemnified, defended and held harmless by the end user against any claim, loss or damage arising from the end user's use of services offered under this tariff, involving:
      - (1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the end user's own communications;
      - (2) Claims for patent infringement arising from the end user's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end user or IC or;
      - (3) All other claims arising out of any act or omission of the end user in the course of using services provided pursuant to this tariff.
    - (G) The Telephone Company shall be indemnified, defended and held harmless by the IC against any claim, loss or damage arising from the IC's use of services offered under this tariff, involving:
      - (1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the IC's own communications;
      - (2) Claims for patent infringement arising from the IC's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end user or IC or;
      - (3) All other claims arising out of any act or omission of the IC in the course of using services provided pursuant to this tariff.

ISSUED: April 20, 1999

Richard D. Lawson State Executive, External Affairs

319 Madison

Jefferson City, MO. 65101

**EFFECTIVE:** July 1, 1999 (T)

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#### ACCESS SERVICE

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2. General Regulations (Cont'd)

SEP 171992

2.1 <u>Undertaking of the Telephone Company</u> (Cont'd)

MISSOURI
Public Service Commission

2.1.3 Liability (Cont'd)

- (E) The Telephone Company shall be indemnified, defended and held harmless by the end user against any claim, loss or damage arising from the end user's use of services offered under this tariff, involving:
  - (1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the end user's own communications;
  - (2) Claims for patent infringement arising from the end user's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end user or IC or;
  - (3) All other claims arising out of any act or omission of the end user in the course of using services provided pursuant to this tariff.
- (F) The Telephone Company shall be indemnified, defended and held harmless by the IC against any claim, loss or damage arising from the IC's use of services offered under this tariff, involving:
  - (1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the IC's own communications;
  - (2) Claims for patent infringement arising from the IC's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end user or IC or;

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(3) All other claims arising out of any act or omission of the IC in the course of using services provided pursuant to this tariff.

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Public Service Commission
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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 MO. PUBLIC SERVICE GOMM. EFFECTIVE:

October 17 1992

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#### ACCESS SERVICE

- 2. General Regulations (Cont'd)
  - Undertaking of the Telephone Company (Cont'd) 2.1.3 Liability (Cont'd)
    - (H) No license under patents (other than the limited license to use) is granted by the Telephone Company or shall be implied or arise by estoppel, with respect to any service offered under this tariff. Telephone Company will defend the customer against claims of patent infringement arising solely from the use by the customer of services offered under this tariff and will indemnify such customer for any damages

awarded based solely on such claims.

- (I) The Telephone Company's failure to provide or maintain services under this tariff shall be excused by labor difficulties, governmental orders, civil commotions, (T) criminal actions taken against the Telephone Company, acts of God and other circumstances beyond the Telephone Company's reasonable control, subject to the Credit Allowance for a Service Interruption as set forth in 2.4.4 following.
- (J) The Telephone Company does not guarantee or make any warranty with respect to its services when used in an explosive atmosphere. The Telephone Company shall be indemnified, defended and held harmless by (T) the customer from any and all claims by any person relating to such customer's use of services so provided.
- (K) The Telephone Company will make reasonable efforts to cure any material failure to provide service caused solely by year 2000 defects in Telephone Company hardware, software or systems. Due to the interdependence among telecommunications providers and the interrelationship with non-Telephone Company processes, equipment and systems, the Telephone Company is not responsible for failures caused by circumstances beyond its control including, but not limited to, failures caused by: (1) the Customer; (2) other telecommunications companies as defined by Missouri statute; or(3) customer premises equipment. addition, the Telephone Company does not ensure compatibility between Telephone Company and non-Telephone Company services used by the Customer.

ISSUED: EFFECTIVE: April 20, 1999 Richard D. Lawson

State Executive, External Affairs 319 Madison Jefferson City, MO 65101 July 1, 1999

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#### ACCESS SERVICE

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2. General Regulations (Cont'd)

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2.1 <u>Undertaking of the Telephone Company</u> (Cont'd)

MISSOURI Public Service Commission

## 2.1.3 Liability (Cont'd)

- (G) No license under patents (other than the limited license to use) is granted by the Telephone Company or shall be implied or arise by estoppel, with respect to any service offered under this tariff. The Telephone Company will defend the customer against claims of patent infringement arising solely from the use by the customer of services offered under this tariff and will indemnify such customer for any damages awarded based solely on such claims.
- (H) The Telephone Company's failure to provide or maintain services under this tariff shall be excused by labor difficulties, governmental orders, civil commotions, criminal actions taken against the Telephone Company, acts of God and other circumstances beyond the Telephone Company's reasonable control, subject to the Credit Allowance for a Service Interruption as set forth in 2.4.4 following.
- (I) The Telephone Company does not guarantee or make any warranty with respect to its services when used in an explosive atmosphere. The Telephone Company shall be indemnified, defended and held harmless by the customer from any and all claims by any person relating to such customer's use of services so provided.

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Public Service Commission MISSOURI

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NOV 7

ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

- 2. General Regulations (Cont'd)
  - 2.1 Undertaking of the Telephone Company (Cont'd)
    - 2.1.4 Provision of Services
      The Telephone Company, to the extent that such services are or can be made available with reasonable effort, and after provision has been made for the Telephone Company's Telephone Exchange Services, will provide to the customer, upon reasonable notice, services offered in other applicable sections of this tariff at rates and charges specified therein.
    - 2.1.5 Installation and Termination of Services The Access Services provided under this tariff (A) will include any entrance cable or drop wiring and wire or intrabuilding cable to that point where provision is made for termination of the Telephone Company's outside distribution network facilities at a suitable location inside a customerdesignated premises and (B) will be installed by the Telephone Company to such Point of Termination. Access Service has only one Point of Termination per customer premises. additional terminations beyond such Point of Termination are the sole responsibility of the customer. The Point of Termination is an inherent part of Switched and Special Access Services, therefore, the preceding does not preclude the customer's ability to have the Point of Termination moved as set forth in 6.7.7 and 7.4.5 following for Switched and Special Services, respectively.
    - 2.1.6 Maintenance of Services
      The services provided under this tariff shall be maintained by the Telephone Company. The customer or others may not rearrange, move, disconnect, remove or attempt to repair any facilities provided by the Telephone Company, other than by connection or disconnection to any interface means used, except with the written consent of the Telephone Company.

ISSUED: Richard D. Lawson EFFECTIVE: September 17, 1992 State Executive, External Affairs November 7, 1992

SPRINT MISSOURI, INC. d/b/a SPRINT

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#### ACCESS SERVICE

- 2. General Regulations (Cont'd)
  - 2.1 Undertaking of the Telephone Company (Cont'd)

## 2.1.7 Changes and Substitutions

Except as provided for equipment and systems subject to FCC Part 68 Regulations at 47 C.F.R. Section 68.110(b), the Telephone Company may, where such action is reasonably required in the operation of its business, (A) substitute, change or rearrange any facilities used in providing service under this tariff, (B) change minimum protection criteria, (C) change operating or maintenance characteristics of facilities or (D) change operations or procedures of the Telephone Company. any such substitution, change or rearrangement, the transmission parameters will be within the range as set forth in 6. and 7. following. The Telephone Company shall not be responsible if any such substitution, change or rearrangement renders any customer furnished services obsolete or requires modification or alteration thereof or otherwise affects their use or performance. If such substitution, change or rearrangement materially affects the operating characteristics of the facility, the Telephone Company will provide reasonable notification to the customer in writing. Reasonable time will be allowed for any redesign and implementation required by the change in operating characteristics. The Telephone Company will work cooperatively with the customer to determine reasonable notification requirements.

ISSUED:

Richard D. Lawson September 10, 1999 State Executive, External Affairs October 15, 1999

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ACCESS SERVICE

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2. <u>General Regulations</u> (Cont'd)

SEP 171992

2.1 <u>Undertaking of the Telephone Company</u> (Cont'd)

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Public Service Commission

## 2.1.7 Changes and Substitutions

Except as provided for equipment and systems subject to FCC Part 68 Regulations at 47 C.F.R. Section 68.110(b), the Telephone Company may, where such action is reasonably required in the operation of its business, (A) substitute, change or rearrange any facilities used in providing service under this tariff, including but not limited to, (1) substitution of different metallic facilities, (2) substitution of carrier or derived facilities for metallic facilities used to provide other than metallic facilities and (3) substitution of metallic facilities for carrier or derived facilities used to provide other than metallic facilities, (B) change minimum protection criteria, (C) change operating or maintenance characteristics of facilities or (D) change operations or procedures of the Telephone Company. In case of any such substitution, change or rearrangement, the transmission parameters will be within the range as set forth in 6. and 7. following. The Telephone Company shall not be responsible if any such substitution, change or rearrangement renders any customer furnished services obsolete or requires modification or alteration thereof or otherwise affects their use or performance. If such substitution, change or rearrangement materially affects the operating characteristics of the facility, the Telephone Company will provide reasonable notification to the customer in writing. Reasonable time will be allowed for any redesign and implementation required by the change in operating characteristics. The Telephone Company will work cooperatively with the customer to determine reasonable notification requirements.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 MO. PUBLIC SETMOE COMM EFFECTIVE:

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#### ACCESS SERVICE

- 2. General Regulations (Cont'd)
  - Undertaking of the Telephone Company (Cont'd)
    - 2.1.8 Refusal and Discontinuance of Service
      - (A) If a customer fails to comply with the provisions set forth in this tariff, including any payments to be made by it on the dates and times herein specified, the Telephone Company may, on thirty (30) days written notice by Certified U.S. Mail to the person designated by that customer to receive such notice of noncompliance, refuse additional applications for service and/or refuse to complete any pending orders for service by the noncomplying customer at any time thereafter.

If the Telephone Company does not refuse additional applications for service on the date specified in the thirty (30) days notice, and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to refuse additional applications for service to the noncomplying customer without further notice.

(B) If a customer fails to comply with the provisions set forth in this tariff, including any payments to be made by it on the dates and times herein specified, the Telephone Company may, on thirty (30) days written notice by Certified U.S. Mail to the person designated by that customer to receive such notices of noncompliance, discontinue the provision of the services to the noncomplying customer at any time thereafter. In the case of such discontinuance, all applicable charges,

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#### ACCESS SERVICE

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2. General Regulations (Cont'd)

SEP 17 1992

2.1 <u>Undertaking of the Telephone Company</u> (Cont'd)

MISSOURI Public Service Commission

2.1.8 Refusal and Discontinuance of Service

(A) Unless the provisions of 2.2.2(B) or 2.5 following apply, if a customer fails to comply with 2.1.6 preceding or 2.2.3, 2.3.1, 2.3.6, 2.3.7 or 2.4 following, including any payments to be made by it on the dates and times herein specified, the Telephone Company may, on thirty (30) days written notice by Certified U.S. Mail to the person designated by that customer to receive such notice of noncompliance, refuse additional applications for service and/or refuse to complete any pending orders for service by the noncomplying customer at any time thereafter.

If the Telephone Company does not refuse additional applications for service on the date specified in the thirty (30) days notice, and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to refuse additional applications for service to the noncomplying customer without further notice.

(B) Unless the provisions of 2.2.2(B) or 2.5 following apply, if a customer fails to comply with 2.1.6 preceding or 2.2.3, 2.3.1, 2.3.6, 2.3.7, or 2.4 following, including any payments to be made by it on the dates and times herein specified, the Telephone Company may, on thirty (30) days written notice by Certified U.S. Mail to the person designated by that customer to receive such notices of noncompliance, discontinue the provision of the services to the noncomplying customer at any time thereafter. In the case of such discontinuance, all applicable charges,

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 SPRINT MISSOURI, INC. d/b/a SPRINT

Second Revised Page 29 Cancels First Revised Page 29

## **ACCESS SERVICE**

- 2. General Regulations (Cont'd)
  - 2.1 <u>Undertaking of the Telephone Company</u> (Cont'd)
    - 2.1.8 Refusal and Discontinuance of Service (Cont'd)
      - (B) (Cont'd)

including termination charges, shall become due. If the Telephone Company does not discontinue the provision of the services involved on the date specified in the thirty (30) days notice, and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to discontinue the provision of the services to the noncomplying customer without further notice.

## 2.1.9 <u>Limitation of Use of Metallic Facilities</u>

Signals applied to a metallic facility shall conform to the limitations set forth in Technical Reference Publication *PUB* AS No. 1.

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SPRINT MISSOURI, INC. d/b/a SPRINT

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#### ACCESS SERVICE

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- General Regulations (Cont'd)
  - RECTU SEP 10 1999 Undertaking of the Telephone Company (Cont'd)
    - Refusal and Discontinuance of Service (Cont'd)
      - (B) (Cont'd)

including termination charges, shall become due. If the Telephone Company does not discontinue the provision of the services involved on the date specified in the thirty (30) days notice, and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to discontinue the provision of the services to the noncomplying customer without further notice.

2.1.9 Limitation of Use of Metallic Facilities

Signals applied to a metallic facility shall conform to the limitations set forth in Technical Reference Publication AS No. 1.

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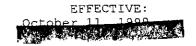
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Public Service Commission MISSOURI

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ISSUED:

Richard D. Lawson September 10, 1999 State Executive, External Affairs



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General Regulations (Cont'd)

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2.1 Undertaking of the Telephone Company (Cont'd)

SEP 17 1992

2.1.8 Refusal and Discontinuance of Service (Cont'd)

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including termination charges, shall become due. If the Telephone Company does not discontinue the provision of the services involved on the date specified in the thirty (30) days notice, and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to discontinue the provision of the services to the noncomplying customer without further notice.

2.1.9 Limitation of Use of Metallic Facilities

Signals applied to a metallic facility shall conform to the limitations set forth in Technical Reference Publication AS No. 1. In the case of application of dc telegraph signaling systems, the customer shall be responsible, at its expense, for the provision of current limiting devices to protect the Telephone Company facilities from excessive current due to abnormal conditions and for the provision of noise mitigation networks when required to reduce excessive noise.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

#### 2. General Regulations (Cont'd)

#### Undertaking of the Telephone Company (Cont'd) 2.1

## 2.1.10 Notification of Service-Affecting Activities

The Telephone Company will provide the customer reason-able notification of service-affecting activities that may occur in normal operation of its business. Such activities may include, but are not limited to, equipment or facilities additions, removals or rearrangements, routine preventative maintenance and major switching machine change-out. Generally, such activities are not individual customer service specific, they affect many customer services. No specific advance notification period is applicable to all service activities. The Telephone Company will work cooperatively with the customer to determine reasonable notification require-ments.

## 2.1.11 Coordination with Respect to Network Contingencies

The Telephone Company intends to work cooperatively with the customer to develop network contingency plans in order to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

## 2.1.12 Provision and Ownership of Telephone Numbers

The Telephone Company reserves the reasonable right to assign, designate or change telephone numbers, any other call number designations associated with Access Services, or the Telephone Company serving central office prefixes associated with such numbers, when necessary in the conduct of its business. Should it become necessary to make a change in such number(s), the Telephone Company will furnish to the customer 6 months notice, by certi-fied U.S. Mail, of the effective date and an explanation of the reason(s) for such change(s).

#### 2.2 Use

#### 2.2.1 Reserved For Future Use

- 2. General Regulations (Cont'd)
  - 2.2 Use (Cont'd)

## 2.2.2 Interference or Impairment

- (A) The characteristics and methods of operation of any circuits, facilities or equipment provided by other than the Telephone Company and associated with the facilities utilized to provide services under this tariff shall not interfere with or impair service over any facilities of the Telephone Company, its affiliated companies, or its connecting and con-curring carriers involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public.
- (B) Except as provided for equipment or systems subject to the FCC Part 68 Rules in 47 C.F.R. Section 68.108, if such characteristics or methods of operation are not in accordance with (A) preceding, the Telephone Company will, where practicable, notify the customer that temporary discontinuance of the use of a service may be required; however, where prior notice is not practicable, nothing contained herein shall be deemed to preclude the Telephone Company's right to tempo-rarily discontinue forthwith the use of a service if such action is reasonable under the circumstances. In case of such temporary discontinuance, the cus-tomer will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. During such period of temporary discontinuance, credit allowance for service interruptions as set forth in 2.4.4 (A) and (B) following is not applicable.

#### 2.2.3 Unlawful Use

The service provided under this tariff shall not be used for an unlawful purpose.

#### 2. General Regulations (Cont'd)

#### 2.3 Obligations of the Customer

## 2.3.1 Damages

The customer shall reimburse the Telephone Company for damages to Telephone Company facilities utilized to provide services under this tariff caused by the negligence or willful act of the customer, or resulting from the customer's improper use of the Telephone Company facilities, or due to malfunction of any facilities or equipment provided by other than the Telephone Company. Nothing in the foregoing provision shall be interpreted to hold one customer liable for another customer's actions. The Telephone Company will, upon reimbursement for damages, cooperate with the customer in prosecuting a claim against the person causing such damage and the customer shall be subrogated to the right of recovery by the Telephone Company for the damages to the extent of such payment.

#### 2.3.2 Ownership of Facilities and Theft

Facilities utilized by the Telephone Company to provide service under the provisions of this tariff shall remain the property of the Telephone Company. Such facilities shall be returned to the Telephone Company by the customer, whenever requested, within a reasonable period following the request in as good condition as reasonable wear will permit.

## 2.3.3 Equipment Space and Power

The customer shall furnish or arrange to have furnished to the Telephone Company, at no charge, equipment space and electrical power required by the Telephone Company to provide services under this tariff at the points of termination of such services. The selection of ac or dc power shall be mutually agreed to by the customer and the Telephone Company. customer shall also make neces-sary arrangements in order that the Telephone Company will have access to such spaces at reasonable times for installing, testing, repairing or removing Telephone Company Services.

SPRINT MISSOURI, INC. d/b/a SPRINT

First Revised Page 33 Cancels Original Page 33

#### ACCESS SERVICE

- 2. General Regulations (Cont'd)
  - 2.3 Obligations of the Customer (Cont'd)
    - 2.3.4 Reserved For Future Use
    - 2.3.5 Reserved For Future Use
    - 2.3.6 Availability for Testing

The services provided under this tariff shall be available to the Telephone Company at times mutually agreed upon in order to permit the Telephone Company to make tests and adjustments appropriate for maintaining the services in satisfactory operating condition. Such tests and adjustments shall be completed within a reasonable time. No credit will be allowed for any interruptions involved during such tests and adjustments.

## 2.3.7 Balance

All signals for transmission over the services provided under this tariff shall be delivered by (C) the customer balanced to ground except for ground start, duplex (DX) and McCulloh-Loop (Alarm System) type signaling.

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#### ACCESS SERVICE

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2. General Regulations (Cont'd)

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2.3 Obligations of the Customer (Cont'd)

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2.3.4 Reserved For Future Use

2.3.5 Reserved For Future Use

## 2.3.6 Availability for Testing

The services provided under this tariff shall be available to the Telephone Company at times mutually agreed upon in order to permit the Telephone Company to make tests and adjustments appropriate for maintaining the services in satisfactory operating condition. Such tests and adjustments shall be completed within a reasonable time. No credit will be allowed for any interruptions involved during such tests and adjustments.

#### 2.3.7 Balance

All signals for transmission over the services provided under this tariff shall be delivered by the customer balanced to ground except for ground start, duplex (DX) and McCulloh-Loop (Alarm System) type signaling and dc telegraph transmission at speeds of 75 baud or less.

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Public Service Commission MISSOURI

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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- 2. General Regulations (Cont'd)
  - Obligations of the Customer (Cont'd)
    - 2.3.8 Design of Customer Services

Subject to the provisions of 2.1.7 preceding, the customer shall be solely responsible, at its own expense, for the overall design of its services and for any redesigning or rearrangement of its services which may be required because of changes in facilities, operations or procedures of the Telephone Company, minimum protection criteria or operating or maintenance characteristics of the facilities.

2.3.9 References to the Telephone Company

The customer may advise end users that certain services are provided by the Telephone Company in connection with the service the customer furnishes to end users; however, the customer shall not represent that the Telephone Company jointly participates in the customer's services.

2.3.10 Reserved For Future Use

- 2.3.11 Claims and Demands for Damages
  - (A) With respect to claims of patent infringement made by third persons, the customer shall defend, indemnify, protect and save harmless the Telephone Company from and against all claims arising out of the combining with, or use in connection with, the services provided under this tariff, any circuit, apparatus, system or method provided by the customer.

- 2. General Regulations (Cont'd)
  - Obligations of the Customer (Cont'd)
    - 2.3.11 Claims and Demands for Damages (Cont'd)
      - (B) The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including punitive damages, attorney fees and court costs by third persons arising out of the construction, installa-tion, operation, maintenance, or removal of the customer's circuits, facilities, or equipment connected to the Telephone Company's services pro-vided under this tariff, including, without limita-tion, Workmen's Compensation claims, actions for infringement of copyright and/or unauthorized use of program material, libel and slander actions based on the content of communications transmitted over the customer's circuits, facilities or equipment, and proceedings to recover taxes, fines, or penalties for failure of the customer to obtain or maintain in effect any necessary certificates, permits, licenses, or other authority to acquire or operate the services provided under this tariff; provided, however, the foregoing indemnification shall not apply to suits, claims, and demands to recover damages for damage to property, death, or personal injury unless such suits, claims or demands are based on the tortious conduct of the customer, its officers, agents or employees.
      - (C) Reserved For Future Use
      - (D) The customers shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including punitive damages, attorney fees and court costs by the customer or third parties arising out of any act or omission of the customer in the course of using services provided under this tariff.

SPRINT MISSOURI, INC. d/b/a SPRINT

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ACCESS SERVICE

2. General Regulations (Cont'd)

Obligations of the Customer (Cont'd) 2.3.12 Reserved For Future Use

2.3.13

Coordination with Respect to Network Contingencies The customer shall, in cooperation with the Telephone Company, coordinate in planning the actions to be taken to maintain maximum network capability following natural or manmade disasters which affect telecommunications services.

#### 2.3.14 Jurisdictional Report Requirements

## (A) Percent Interstate Usage (PIU)

- (1) Pursuant to Federal Communications Commission order F.C.C. 85-145 adopted April 16, 1985, interstate usage is to be developed as though every call that enters a customer network at a point within the same state as that in which the called station (as designated by the called station number) is situated is an intrastate communication and every call for which the point of entry is in a state other than that where the called station (as designated by the called station number) is situated is an interstate communication.
- The projected interstate percentages will be used by the Telephone Company to apportion the usage between interstate and intrastate until a revised report is received as set forth in (B)(7) following.

## (B) Jurisdictional Reports

When the Telephone Company receives sufficient call detail to permit it to determine the jurisdiction of originating and terminating access minutes of use, the Telephone Company will bill using a PIU factor developed from these actual minutes of use and will not use the customer provided PIU factors provided as set forth in (1) through (8) following.

The Telephone Company developed PIU for access minutes of use will be determined at a statewide level. When the access minutes are measured, the interstate percentage will be developed on a quarterly basis by dividing the measured interstate originating or terminating access minutes (the access minutes where the calling number is in one state and the called number is in another state) by the total measured originating or terminating access minutes.

(M) Certain material has been relocated to page 37.

ISSUED: December 6, 2000

Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 **EFFECTIVE:** January 5, 2001 (M)

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General Regulations (Cont'd)

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- 2.3 Obligations of the Customer (Cont'd)
  - 2.3.12 Reserved For Future Use
  - 2.3.13 Coordination with Respect to Network Contingencies

The customer shall, in cooperation with the Telephone Company, coordinate in planning the actions to be taken to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

2.3.14 <u>Jurisdictional Report Requirements</u>

#### (A) Percent Interstate Usage (PIU)

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Public State Commission

- (1) Pursuant to Federal Communications Commission order F.C.C. 85-145 adopted April 16, 1985, interstate usage is to be developed as though every call that enters a customer network at a point within the same state as that in which the called station (as designated by the called station number) is situated is an intrastate communication and every call for which the point of entry is in a state other than that where the called station (as designated by the called station number) is situated is an interstate communication.
- (2) The projected interstate percentages will be used by the Telephone Company to apportion the usage between interstate and intrastate until a revised report is received as set forth in (B)(7) following.

(B) Jurisdictional Reports

(D)

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When the Telephone Company receives sufficient call detail to permit it to determine the jurisdiction of originating and terminating access minutes of use, the Telephone Company will bill using a PIU factor developed from these actual minutes of use and will not use the customer provided PIU factors provided as set forth in (1) through (8) following.

The Telephone Company developed PIU for access minutes of use will be determined at a statewide level. When the access minutes are measured, the interstate percentage will be developed on a quarterly basis by dividing the measured interstate originating or terminating access minutes (the access minutes where the calling number is in one state and the called number is in another state) by the total measured originating or terminating access minutes.

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(M) Certain material has been relocated to page 37.

ISSUED: December 6, 2000 Richard D. Lawson
State Executive, External Affairs
319 Madison \*\*\*
Jefferson City, MO 65101

EFFECTIVE: January 5, 2001 Missouri Public Service Gemmission

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- 2. General Regulations (Cont'd)
  - 2.3 Obligations of the Customer (Cont'd)

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2.3.12 Reserved For Future Use

Missouri Public Service Commission Network Contingencies

2.3.13 Coordination with Respect

The customer shall, in cooperation with the Telephone Company, coordinate in planning the actions to be taken to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

- 2.3.14 Jurisdictional Report Requirements
  - (A) Jurisdictional Reports
    - 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.

The intrastate percentage of use must then be further separated into the percent intrastate intraLATA and the percent intrastate interLATA. These LATA percentages will equal 100% to the total intrastate percentage of use.

The interexchange customer should not include non-jointly provided intrastate intraLATA
Originating Toll Free Code (TFC) Access Service
usage in the calculation of intrastate jurisdictional percentages reported to the Company and used to determine the appropriate charges for the interexchange customer's intrastate switched access usage for services other that non-jointly provided intrastate intraLATA originating Toll Free Code (TFC) Access Service.

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

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ISSUED: BY: John L. Roe March 27, 1996 Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE:

April 29, 1996

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#### ACCESS SERVICE

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2. General Regulations (Cont'd) SEP 17 1992

2.3 Obligations of the Customer (Cont'd)

W.EFIK 32.7M Public Service Commission

2.3.12 Reserved For Future Use

2.3.13 Coordination with Respect to Network Contingencies

The customer shall, in cooperation with the Telephone Company coordinate in planning the actions to be taken to reinfellED maximum network capability following natural or man made disasters which affect telecommunications services.

2.3.14 <u>Jurisdictional Report Requirements</u>

APR 2 9 1996 BY ISTRIS #3

(A) <u>Jurisdictional Reports</u>

When a customer orders switched access servi MISSOURI (1) interstate percentage of use and intrastate percentage of use must be provided to the Telephone Company.

The intrastate percentage of use must then be further separated into the percent intrastate intraLATA and the percent intrastate interLATA. These LATA percentages will equal 100% to the total intrastate percentage of use.

The interexchange customer should not include nonjointly provided intrastate intraLATA Originating 800 service usage in the calculation of intrastate jurisdictional percentages reported to the Company and used to determine the appropriate charges for the interexchange customer's intrastate switched access usage for services other that non-jointly provided intrastate intraLATA originating 800 Service.

- (2) Determination of the jurisdictional basis of the usage will be based on the following requirements:
  - 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 Missburi will be reported as intrastate.

ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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Third Revised Page 37 Cancels Second Revised Page 37

#### ACCESS SERVICE

- 2. General Regulations (Cont'd)
  - 2.3 Obligations of the Customer (Cont'd)
    - 2.3.14 <u>Jurisdictional Report Requirements</u> (Cont'd)
      - (B) Jurisdictional Reports (Cont'd)

The Telephone Company will begin to utilize the Telephone Company developed PIU factors as soon as sufficient call detail is available and will implement subsequent Telephone Company developed PIU factors on a quarterly basis in accordance with the provisions set forth in (7) following.

When the Telephone Company receives insufficient call detail to identify the calling station to determine the jurisdiction, the Telephone Company will charge the applicable rates for terminating switched access as set forth in this Tariff. It is not possible for customers using multifrequency address signaling to transmit calling party number (CPN) to interconnecting carriers. In addition, there may be a percentage of usage where it is not possible for customers using CCS7 to know and therefore to send to the Telephone Company, the needed originating information. Accordingly, the Telephone Company will charge the intrastate terminating switched access rates to customers using CCS7 only for those minutes lacking originating information that are in excess of the average percentage of minutes for which CPN is not transmitted, initially 24% (the floor). For example, if 40% of a customers minutes sent to the Telephone Company do not contain sufficient originating information to allow the Telephone Company to determine the originating location, then the Telephone Company would apply these provisions to those minutes exceeding the "floor", or 16% in this example. The Telephone Company will apply the customers provided PIU to the residual traffic that does not apply to the provision of this tariff section (84% in this example).

Minor fluctuations in the "floor" are expected. As a result, the Telephone Company will not apply charges based on the floor when the customer's percentage of calls lacking sufficient originating information is within 2 percentage points of the floor.

(N)

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The Telephone Company will recalculate the overall switched access customer average "floor" quarterly.

In the event that the Telephone Company applies the intrastate terminating access rates to calls without sufficient originating information as specified herein, customers will have the opportunity to request backup documentation of the Telephone Company's basis for such application. The customer can request that the Telephone Company change the application of the intrastate access rates upon acceptable showing of why the intrastate rate should not be applied.

(M)

(M) Material omitted from this page now appears on Third Revised Page 38.

ISSUED: May 27, 2005 Richard D. Lawson
State Executive, External Affairs
319 Madison
Jefferson City, MO 65101

EFFECTIVE: June 30, 2005



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Second Revised Page 37 Cancels First Revised Page 37

#### **ACCESS SERVICE**

# Missouri Public

- 2. General Regulations (Cont'd)
  - 2.3 Obligations of the Customer (Cont'd)

REC'D JUL 0 8 2002

2.3.14 <u>Jurisdictional Report Requirements</u> (Cont'd) Service Commission

Jurisdictional Reports (Cont'd)

The Telephone Company will begin to utilize the Telephone Company developed PIU factors as soon as sufficient call detail is available and will implement subsequent Telephone Company developed PIU factors on a quarterly basis in accordance with the provisions set forth in (7) following.

When the Telephone Company receives insufficient call detail to identify the calling station to determine the jurisdiction, the Telephone Company will charge the applicable rates for terminating switched access as set forth in this Tariff. It is not possible for customers using multifrequency address signaling to transmit calling party number (CPN) to interconnecting carriers. In addition, there may be a percentage of usage where it is not possible for customers using CCS7 to know and therefore to send to the Telephone Company, the needed originating information. Accordingly, the Telephone Company will charge the intrastate terminating switched access rates to customers using CCS7 only for those minutes lacking originating information that are in excess of the average percentage of minutes for which CPN is not transmitted, initially 24% (the floor). For example, if 40% of a customers minutes sent to the Telephone Company do not contain sufficient originating information to allow the Telephone Company to determine the originating location, then the Telephone Company would apply these provisions to those minutes exceeding the "floor", or 16% in this example. The Telephone Company will apply the customers provided PIU to the residual traffic that does not apply to the provision of this tariff section (84% in this example).

The Telephone Company will recalculate the overall switched access customer average "floor" quarterly.

In the event that the Telephone Company applies the intrastate terminating access rates to calls without sufficient originating information as specified herein, customers will have the opportunity to request backup documentation of the Telephone Company's basis for such application. The customer can request that the Telephone Company change the application of the intrastate access rates upon acceptable showing of why the intrastate rate should not be applied.

For all other minutes of use for which the Telephone Company receives insufficient call detail to determine the jurisdiction, the Telephone Company will apply the customer's projected PIU factor, provided as set for in (1) through (8) following, to apportion the usage between interstate and interstate Publication intrastate.

(M) Material previously appearing on this page now appears on Second Revised Page 38FILED AUG 0 7 2002

ISSUED: July 8, 2002

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First Revised Page 37 Cancels Original Page 37

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#### **ACCESS SERVICE**

2. General Regulations (Cont'd) RECTI DEC 0 6 2000

- 2.3 Obligations of the Customer (Cont'd)
  - 2.3.14 Jurisdictional Report Requirements (Cont'd)
    - (B)Jurisdictional Reports (Cont'd)

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(N)

The Telephone Company will begin to utilize the Telephone Company developed PIU factors as soon as sufficient call detail is available and will implement subsequent Telephone Company developed PIU factors on a quarterly basis in accordance with the provisions set forth in (7) following.

When the Telephone Company receives insufficient call detail to (D) determine the jurisdiction, the Telephone Company will apply the customer's projected PIU factor, provided as set forth in (1) through (8) following, to apportion the usage between interstate and intrastate.

(D) (N)

(M) (C)

When a customer orders Feature Group A, Feature Group B, 500 Access Service and/or Toll Free Code (TFC) Access Service, the customer shall state in its order the projected interstate percentage for interstate usage for each Feature Group A, Feature Group B, 500 Access Service and/or TFC Access Service ordered. If the customer discontinues some but not all of the Feature Group A, Feature Group B, 500 Access Service and/or TFC Access Service in a group, it shall provide an updated projected interstate percentage for the remaining services in the group. Additionally, upon employing the 700 access code over Feature Group D, the customer must provide a projected interstate percentage for the 700 calls. If the customer fails to provide a 700 projected interstate percentage, a default percentage of 100% interstate will be assumed.

In addition the intrastate percentage must be further separated into the percent intrastate InterLata and intrastate intraLata use.

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(M) Certain material moved from page 36.

ISSUED: December 6, 2000

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Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101

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Missouri Public Service Cemmission

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ACCESS SERVICE

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2. General Regulations (Cont'd) SEP 171992

- 2.3 Obligations of the Customer (Cont'd)
- MESSOURI 2.3.14 Jurisdictional Report Requirements (Cont'd) Public Commission
  - - (A) Jurisdictional Reports (Cont'd)
      - (2) (Cont'd)
        - 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.

**CANCELLED** 

JAN 05 2001 15 RP 37 Public Service Commission MISSOURI

NOV 7 1992

ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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- 2. General Regulations (Cont'd)
  - 2.3 Obligations of the Customer (Cont'd)
    - 2.3.14 <u>Jurisdictional Report Requirements</u> (Cont'd)
      - (B) Jurisdictional Reports (Cont'd)

For all other minutes of use for which the Telephone Company receives insufficient call detail to determine the jurisdiction, the Telephone Company will apply the customer's projected PIU factor, provided as set for in (1) through (8) following, to apportion the usage between interstate and intrastate.

(M1) | | | | | | |

- (1) When a customer orders Feature Group A, Feature Group B, 500 Access Service and/or Toll Free Code (TFC) Access Service, the customer shall state in its order the projected interstate percentage for interstate usage for each Feature Group A, Feature Group B, 500 Access Service and/or TFC Access Service ordered. If the customer discontinues some but not all of the Feature Group A, Feature Group B, 500 Access Service and/or TFC Access Service in a group, it shall provide an updated projected interstate percentage for the remaining services in the group. Additionally, upon employing the 700 access code over Feature Group D, the customer must provide a projected interstate percentage for the 700 calls. If the customer fails to provide a 700 projected interstate percentage, a default percentage of 100% interstate will be assumed.
- (2) For single connection arrangements, the interstate Feature Group A, Feature Group B, and/or TFC Access Service information reported as set forth in (1) preceding will be used to determine the charges. The number of access minutes (either the measured minutes or the assumed minutes) for a connection will be multiplied by the projected interstate percentage to develop the interstate access minutes. The number of access minutes for the connection minus the developed interstate access minutes for the connection will be the developed intrastate access minutes.
- (3) For multiline hunt group or trunk group arrangements, the interstate Feature Group A, Feature Group B, and/or TFC Access Service information reported as set forth in (1) preceding will be used to determine the charges. The number of access minutes (either the measured minutes or the assumed minutes) for a service will be multiplied by the projected interstate percentage to develop the interstate access minutes. The number of access minutes for the service minus the developed interstate access minutes.
- (M1) Certain material found on this page formerly appeared on Second Revised Page 37.

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EFFECTIVE: June 30, 2005



# Missouri Public

- 2. General Regulations (Cont'd)
  - 2.3 Obligations of the Customer (Cont'd)

- **REC'D JUL 082002**
- Jurisdictional Report Requirements (Cont'd)
- Service Commission

- <u>Jurisdictional Reports</u> (Cont'd)
  - (1) When a customer orders Feature Group A, Feature Group B, 500 Access Service and/or Toll Free Code (TFC) Access Service, the customer shall state in its order the projected interstate percentage for interstate usage for each Feature Group A, Feature Group B, 500 Access Service and/or TFC Access Service ordered. If the customer discontinues some but not all of the Feature Group A, Feature Group B, 500 Access Service and/or TFC Access Service in a group, it shall provide an updated projected interstate percentage for the remaining services in the group. Additionally, upon employing the 700 access code over Feature Group D, the customer must provide a projected interstate percentage for the 700 calls. If the customer fails to provide a 700 projected interstate percentage, a default percentage of 100% interstate will be assumed.

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For single connection arrangements, the interstate Feature (2) Group A, Feature Group B, and/or TFC Access Service information reported as set forth in (1) preceding will be used to determine the charges. The number of access minutes (either the measured minutes or the assumed minutes) for a connection will be multiplied by the projected interstate percentage to develop the interstate access minutes. The number of access minutes for the connection minus the developed interstate access minutes for the connection will be the developed intrastate access minutes.

(3) For multiline hunt group or trunk group arrangements, the interstate Feature Group A, Feature Group B, and/or TFC Access Service information reported as set forth in (1) preceding will be used to determine the charges. The number of access minutes (either the measured minutes or the assumed minutes) for a service will be multiplied by the projected interstate percentage to develop the interstate access minutes. number of access minutes for the service minus the developed interstate access minutes for the service will be the developed intrastate access minutes.

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(M1) Material now appearing on this page previously appeared on First Revised Page 37. FILED AUG 0 7 2002

ISSUED: July 8, 2002

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Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101

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- 2. <u>General Regulations</u> (Cont'd)
  - 2.3 Obligations of the Customer (Cont'd)

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- 2.3.14 <u>Jurisdictional Report Requirements</u> (Cont'd)
  - (B) Jurisdictional Reports (Cont'd)

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- (2) For single connection arrangements, the interstate Feature Group A, Feature Group B, and/or TFC Access Service information reported as set forth in (1) preceding will be used to determine the charges. The number of access minutes (either the measured minutes or the assumed minutes) for a connection will be multiplied by the projected interstate percentage to develop the interstate access minutes. The number of access minutes for the connection minus the developed interstate access minutes.
- (3) For multiline hunt group or trunk group arrangements, the interstate Feature Group A, Feature Group B, and/or TFC Access Service information reported as set forth in (1) preceding will be used to determine the charges. The number of access minutes (either the measured minutes or the assumed minutes) for a service will be multiplied by the projected interstate percentage to develop the interstate access minutes. The number of access minutes for the service minus the developed interstate access minutes for the service will be the developed intrastate access minutes.

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When a customer orders Feature Group C, Feature Group D, TFC or 900 Access Services, the projected interstate percentage will be determined as set forth in (a) through (c) following:

(D)

- (a) For originating Feature Group C and originating Feature Group D used in the provision of MTS/MTS-like service, the Telephone Company will determine the projected interstate percentage of use from the call detail.
- (b) For terminating Feature Group C used in the provision of MTS/MTS-like service, and terminating Feature Group C used in the provision of 900 service, the projected interstate percentage of use will be determined through the factors as set forth in Section 6.7.8 following.

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ISSUED: December 6, 2000 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: January 5, 2001

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2. General Regulations (Cont'd)

SEP 17 1992

2.3 Obligations of the Customer (Cont'd)

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2.3.14 Jurisdictional Report Requirements (Cont. a) Disco Commission

- (A) <u>Jurisdictional Reports</u> (Cont'd)
  - (2) (Cont'd)
    - (c) One hundred percent (100%) of all other usage which originates or the customer's network in Missouri and terminates at telephone number in Missouri will be reported as intrastate.
    - (d) If a customer establishes a point of interconnection 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 gain 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. Usage terminating at a telephone number in a different LATA in Missouri will be reported as intrastate. Wire center and their corresponding LATA's may be found in the Exchange Carrier Association Tariff.
    - (f) All intrastate usage will be reported as such whether or not the customer has the proper state certification or an effective intrastate tariff.

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NOV 7 1992

ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.14 <u>Jurisdictional Report Requirements</u> (Cont'd)

- (B) <u>Jurisdictional Reports</u> (Cont'd)
  - (4) (Cont'd)
- (c) For terminating Feature Group D used in the provision of MTS/MTS-like service, terminating Feature Group D used in the provision of 900 service, originating Feature Group C and Feature Group D used in the provision of 900 service, and originating and terminating Feature Group D used in the provision of Toll Free Code (TFC) service, the customer shall provide the projected interstate usage percentage in its Access Service Order. In the event the customer fails to provide a projected interstate percentage, the Telephone Company will determine the projected interstate percentage as follows:
- For originating access minutes, the projected interstate percentage will be developed on a monthly basis when the Feature Group C or Feature Group D Switched Access Service minutes are measured by dividing the measured interstate originating minutes (the minutes where the calling number is in one state and the called number is in another state) by the total originating minutes when the call detail is adequate to determine the appropriate jurisdiction.

For terminating access minutes, the data used by the Telephone Company to develop the projected interstate percentage for originating access minutes will be used to develop projected interstate percentage for such terminating access minutes.

When originating call details are insufficient to determine the jurisdiction for the call, the prior month's projected interstate percentage shall be used by the Telephone Company as the projected interstate percentage for originating and terminating access minutes. The projected intrastate percentage of use will be obtained by subtracting the projected interstate percentage for originating and terminating access minutes from 100 (i.e., 100 – interstate percentage = intrastate percentage).

ISSUED: December 6, 2000 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: January 5, 2001

## Missouri Public Sarvise Commission

- General Regulations (Cont'd)
  - 2.3 Obligations of the Customer (Cont'd)

- RECD DEC 0 6 2000
- 2.3.14 <u>Jurisdictional Report Requirements</u> (Cont'd)
  - (B) Jurisdictional Reports (Cont'd)
    - (4) (Cont'd)
      - (c) For terminating Feature Group D used in the provision of MTS/MTS-like service, terminating Feature Group D used in the provision of 900 service, originating Feature Group C and Feature Group D used in the provision of 900 service, and originating and terminating Feature Group D used in the provision of Toll Free Code (TFC) service, the customer shall provide the projected interstate usage percentage in its Access Service Order. In the event the customer fails to provide a projected interstate percentage, the Telephone Company will determine the projected interstate percentage as follows:

For originating access minutes, the projected interstate percentage will be developed on a monthly basis when the Feature Group C or Feature Group D Switched Access Service minutes are measured by dividing the measured interstate originating minutes (the minutes where the calling number is in one state and the called number is in another state) by the total originating minutes when the call detail is adequate to determine the appropriate jurisdiction.

For terminating access minutes, the data used by the Telephone Company to develop the projected interstate percentage for originating access minutes will be used to develop projected interstate percentage for such terminating access minutes.

When originating call details are insufficient to determine the jurisdiction for the call, the prior month's projected interstate percentage shall be used by the Telephone Company as the projected interstate percentage for originating and terminating access minutes. The projected intrastate percentage of use will be obtained by subtracting the projected interstate percentage for originating and terminating access minutes from 100 (i.e., 100 – interstate percentage = intrastate percentage).

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ISSUED: December 6, 2000 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: January 5, 2001

Missouri Public Service Commission

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## ACCESS SERVICE

2. General Regulations (Cont'd)

Obligations of the Customer (Cont'd)

2.3.14 Jurisdictional Report Requirements (Cont'd)

Jurisdictional Reports (Cont'd)

- When a customer orders Directory Assistance Service, the customer shall state in its order the projected interstate percentage for terminating use for each Directory Access Service group ordered. (A method the customer may wish to adopt could be to use its terminating traffic from its premises to the Directory Assistance Location involved calculate the projected interstate percentage as set forth in (4) preceding). The Telephone Company will designate the number obtained by subtracting the projected interstate percentage furnished by the customer from 100 (100 - customer provided interstate percentage = intrastate percentage) as the projected intrastate percentage of use.
- Except where Telephone Company measured access minutes are used as set forth in (4) preceding, the customer reported number of interstate services or interstate percentage of use as set forth in (1), (4) or (5) preceding will be used until the customer reports a different projected interstate percentage for an in service end office. When the customer adds or discontinues lines or trunks to an existing end office, the customer shall furnish an updated projected interstate percentage that applies to the end office. The revised report will serve as the basis for future billing and will be effective on the next bill date. No prorating or back billing will be done based on the report.

ISSUED: December 6, 2000

Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 **EFFECTIVE:** January 5, 2001

2. <u>General Regulations</u> (Cont'd)

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2.3 <u>Obligations of the Customer</u> (Cont'd)

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- 2.3.14 <u>Jurisdictional Report Requirements</u> (Cont'd)
  - (B) <u>Jurisdictional Reports</u> (Cont'd)
    - (5) When a customer orders Directory Assistance Service, the customer shall state in its order the projected interstate percentage for terminating use for each Directory Access Service group ordered. (A method the customer may wish to adopt could be to use its terminating traffic from its premises to the involved Directory Assistance Location and calculate the projected interstate percentage as set forth in (4) preceding). The Telephone Company will designate the number obtained by subtracting the projected interstate percentage furnished by the customer from 100 (100 customer provided interstate percentage = intrastate percentage) as the projected intrastate percentage of use.
    - (6) Except where Telephone Company measured access minutes are used as set forth in (4) preceding, the customer reported number of interstate services or interstate percentage of use as set forth in (1), (4) or (5) preceding will be used until the customer reports a different projected interstate percentage for an in service end office. When the customer adds or discontinues lines or trunks to an existing end office, the customer shall furnish an updated projected interstate percentage that applies to the end office. The revised report will serve as the basis for future billing and will be effective on the next bill date. No prorating or back billing will be done based on the report.

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ISSUED: December 6, 2000 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101

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## **ACCESS SERVICE**

2. <u>General Regulations</u> (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.14 Jurisdictional Report Requirements (Cont'd)

(B) Jurisdictional Reports (Cont'd)

Effective on the first of January, April, July and October of each year, the customer shall provide a revised jurisdictional report showing the interstate and intrastate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each service arranged for interstate use. The customer shall forward *the revised report* to the Telephone Company, to be received no later than 15 days after the first of each such month, (i.e., January, April, July and October). The revised report will serve as the basis for the next three months billing (i.e., beginning the first of February, May, August and November) and will be effective on the customer's bill date for that service. No prorating or back billing will be done based on the report.

If the customer does not supply the **revised** reports, the Telephone Company will assume the percentages to be the same as those provided in the last quarterly report. For those cases in which a quarterly report has never been received from the customer, the Telephone Company will assume the percentages to be the same as those provided in the order for service as set forth in (1), (4) and (5) preceding.

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ISSUED: December 6, 2000 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: January 5, 2001

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## ACCESS SERVICE

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General Regulations (Cont'd)

SEP 17 1992

2.3 Obligations of the Customer (Cont'd)

MISSOURI Public Sarrisc Commission

2.3.14 <u>Jurisdictional Report Requirements</u> (Cont'd)

- (A) <u>Jurisdictional Reports</u> (Cont'd)
  - (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 intrastate and interstate percentage of use for the past three months. In addition, the intrastate use must be separated by intraLATA and interLATA. This usage will be from the most 3 recent month period for which this data exists and will be reported for each service arranged for interstate use. The revised report will serve as the basis for the next three months billing and will be effective on the bill date for that service. No prorating or back billing will be done based on the report.

If the customer does not supply the reports, the Telephone Company will assume the percentages to be the same as those provided in the last quarterly report. For those cases in which a quarterly report has never been received from the customer, the Telephone Company will assume the percentages to be the same as those provided in the order for service as set forth in (1) preceding.

(4) Where the customer utilizes FGA Switched Access
Service for calls between a Primary Exchange Carrier
and a Secondary Exchange Carrier within the same
Extended Area Service calling area, and/or Feature
Group B Switched Access Service for calls between a
Primary Exchange Carrier's access tandem and a
subtending Secondary Exchange Carrier, where the

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Public Service Commission

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ISSUED: September 17, 1992 BY: John L. Roe
Vice President - Administration
5454 West 110th Street
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ACCESS SERVICE

2. <u>General Regulations</u> (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.14 <u>Jurisdictional Report Requirements</u> (Cont'd)

(B) Jurisdictional Reports (Cont'd)

(8) When a customer orders Line Information Data Base (LIDB) Access Service, the customer shall in its order provide to the Telephone Company a LIDB Access Service Percent Interstate Usage (PIU) Report.

Customers who provide the LIDB Access Service PIU Report shall supply the Telephone Company with an interstate percentage, per originating point code (OPC) ordered. The LIDB Access Service PIU will be an average PIU based upon the jurisdiction (interstate versus intrastate) of those originating end user calls for which the Telephone Company LIDB is being queried.

The LIDB Access Service PIU Report must be provided to the Telephone Company upon ordering service, and thereafter, on a quarterly basis. Provisions for updating the interstate and intrastate jurisdictional report are as specified in Section 2.3.14(B)(7) preceding and will also apply for the LIDB Access Service PIU Report.

Verification provisions as specified in Section 2.3.14(C) following will also apply for the LIDB Access Service PIU Report.

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## ACCESS SERVICE

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2. General Regulations (Cont'd) SEP 17 1992

- 2.3 Obligations of the Customer (Cont'd)
  - MESCOURI 2.3.14 Jurisdictional Report Requirements (Contra) Commission
    - (A) <u>Jurisdictional Reports</u> (Cont'd)
      - (4) (Cont'd)

Primary and Secondary Carriers are not the same Telephone Company, a copy of the revised report will be provided by the customer to each Secondary Exchange Carrier.

- (5) The reports required in (3) above should be based on actual total customer usage data if at all possible. If that data is not reasonably available, the reports may be based on either statistically valid samples derived by the customer, or from sampling techniques agreed to by the Telephone Company. The allowable statistical parameters associated with the percentages produced from statistical sampling are a 95 percent confidence level and a +/- five (5) percent precision. If necessary, the Telephone Company will assist the IC in developing a sample procedure that will produce mutually acceptable statistical parameters.
- (6) Where a customer has previously obtained interstate service and subsequently applies for mixed interstate and intrastate service, the customer must provide and interim jurisdictional report for the previous three months usage that complies with the requirement of paragraphs (2) through (5) above.

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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SPRINT MISSOURI, INC. d/b/a SPRINT

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**ACCESS SERVICE** 

2.

General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.14 Jurisdictional Report Requirements (Cont'd)

(B) Reserved For Future Use

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## ACCESS SERVICE

- 2. General Regulations (Cont'd)
  - 2.3 Obligations of the Customer (Cont'd)

**Public Service Commission** 

## 2.3.14 Jurisdictional Report Requirements (Cont'd)

# (B) Maintenance of Customer Records

- For Switched Access, the customer shall maintain and 1. retain for a minimum of one year, complete, detailed and accurate records, workpapers and backup documentation in form and substance to evidence the percentage data provided to the Telephone Company as set forth in (A) preceding. All of the records, workpapers and backup documentation, including the sampling techniques and traffic data underlying samples, if used, shall be made available during normal business hours, at a location named in the report, upon reasonable request by the Telephone Company in order to permit a review by a Telephone Company auditor, an outside auditor under contract to the Telephone Company, or an auditor of a federal or state regulatory commission.
- 2. For Special Access, the customer shall retain, for a minimum of one year, accurate call detail records from which the percentage of interstate and intrastate usage can be derived. Such records shall be made available for inspection and audit within 30 days of the Telephone Company request for verification. The Telephone Company shall limit audits to one per year, except where additional audits may be required to verify allocation changes which represent a substantial shift from the customer's most recent reported figures, and such change is not the result of seasonal shifts or other identifiable reasons. customer may request that verification audits be conducted by an independent auditor. In such cases the associated auditing expense will be paid by the customer.

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BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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## **ACCESS SERVICE**

- 2. <u>General Regulations</u> (Cont'd)
  - 2.3 Obligations of the Customer (Cont'd)
    - 2.3.14 <u>Jurisdictional Report Requirements</u> (Cont'd)
      - (C) <u>Jurisdictional Report Verification</u>

If the Telephone Company disputes the reasonableness of the PIU provided by the customer as set forth in (B) preceding, or the reported PIU varies by more than five percentage points over the preceding PIU, the Telephone Company *may* ask the customer to provide the data **used by** the **customer to** determine the projected intrastate percentage. The customer shall retain, for a minimum of one year, accurate call detail records from which the percentage of intrastate and interstate use can be derived, and shall make such records available for inspection as reasonably necessary for PIU verification. Such records shall be made available for inspection and audit within 15 days of the Telephone Company's request for verification. This requirement includes documentation supporting the interLATA and intraLATA split.

The Telephone Company shall limit audits to no more than one per year, except where additional audits may be required to verify allocation changes which represent a five percent shift from the customer's most recent report figures, and such change is not the result of seasonal shifts or other identifiable reasons. The customer may request that verification audits 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 Telephone Company or an independent auditor to conduct an audit verifying the customer's PIU, the Telephone Company will bill the usage for all the contested periods using the PIU reported by the customer for the previous period. This PIU will remain in effect until the customer provides the call detail records from which the percentage of interstate and intrastate use can be derived. No prorating or back billing will be done based on the newly derived factor.

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ISSUED: December 6, 2000 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: January 5, 2001

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ACCESS SERVICE

2. General Regulations (Cont'd)

> 2.3 Obligations of the Customer (Cont'd)

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## 2.3.14 Jurisdictional Report Requirements (Cont'd)

## (C) Jurisdictional Report Verification

- If a billing dispute arises or a regulatory commission (1) questions the projected intrastate percentage, the Telephone Company will ask the customer to provide the data the customer used to determine the projected intrastate percentage. The customer shall supply the data within 30 days of the Telephone Company request. The customer shall keep records of call detail from which the percentage of intrastate and interstate use can be ascertained and upon request of the Telephone Company make the records available for inspection as reasonably necessary for purposes of verification of the percentages. This requirement includes documentation supporting the interLATA and intraLATA split.
- (2) The Telephone Company retains the right to employ monitoring equipment for the purpose of verification of IC's PIU reporting. The Telephone Company shall treat such information as proprietary in nature and shall maintain its confidentiality.
- (3) The Telephone Company may, at its discretion, accept the results of a third party audit submitted by the IC in lieu of performing it own audit.

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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## ACCESS SERVICE

- 2. General Regulations (Cont'd)
  - Obligations of the Customer (Cont'd) 2.3
    - 2.3.15 Determination of Intrastate Charges for Mixed Intrastate and Interstate Switched Access Service
      - (A) When mixed intrastate and interstate Switched Access Service is provided, all charges (i.e., nonrecurring, monthly and/or usage) including optional features charges, will be prorated between interstate, intrastate intraLATA and intrastate interLATA. The percentage provided in the reports as set forth in 2.3.14(A) preceding will serve as the basis for prorating the charges. The percentage of an Switched Access Service to be charged as intrastate is applied in the following manner:
        - (1) For monthly and nonrecurring chargeable rate elements multiply the percent intrastate use times the quantity of chargeable elements times the appropriate LATA percent times the stated tariff rate per element.
        - (2) For usage sensitive (i.e., access minutes and calls) chargeable rate elements, multiply the percent intrastate use times actual use times the appropriate LATA percent times the stated tariff rate.

The intrastate percentage will change as revised usage reports are submitted as set forth in 2.3.14 preceding.

- 2. General Regulations (Cont'd)
  - Obligations of the Customer (Cont'd)
    - 2.3.15 Determination of Intrastate Charges for Mixed Intrastate and Interstate Switched Access Service (Cont'd)
      - (B) Pursuant to Federal Communications Commission Order FCC 89-224, Special Access Services are to be classi-fied as intrastate when the services carry less than a de minimis amount of interstate traffic. Inter-state traffic is deemed de minimis when the inter-state traffic amounts to ten percent (10%) or less of the total traffic on a Special Access Service.
        - (1) Certification Requirement

When a customer orders a Special Access Service, the customer shall certify that the Special Access Service carries intrastate traffic and the interstate traffic is ten percent (10%) or less of the total traffic carried on the special access line.

(2) Verification Information of Special Access Service

If a billing dispute arises or a regulatory commission questions the interstate certifica-tion for the special access line, the Telephone Company will ask the customer to provide the general information on system design and functionality it uses to determine that the special access line's interstate traffic is more than ten percent (10%) of the total traffic carried on the special access line. the customer has usage information which it uses to verify the interstate traffic, the customer shall supply such information when requested by the Telephone Company. The customer shall supply the data within 30 days of the Telephone Company request.

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## ACCESS SERVICE

- 2. General Regulations (Cont'd)
  - Obligations of the Customer (Cont'd) 2.3 2.3.16 Determination of Intrastate Charges for Mixed Intrastate and Interstate Toll Free Code (TFC) Access and WATS Service

Jointly provided and non-jointly provided intrastate TFC Access Service usage terminating over WATS Access Line Service which carries pure intrastate traffic or a mix of intrastate/ interstate traffic, will be split between intraLATA and interLATA usage via a percentage as described in the WATS tariff.

Jurisdictional determination of jointly provided and non-jointly provided originating intrastate TFC Access Service usage will be based upon data (T) as set forth, following.

Customers ordering jointly provided TFC Access Service must provide the Telephone Company with a TFC Network Data Report. Customers ordering Non-Jointly provided TFC Access Service must provide the Telephone Company with either a TFC Network Data Report or, a Switched Access Service Percent Intrastate IntraLATA/CCL Report. The Telephone Company will work cooperatively with the customer should the customer request a change in reporting method. In such case, the customer must provide written notification to the Telephone Company specifying which reporting option the customer will utilize. Such requests to change the reporting method will be accepted by the Telephone Company no more than one time in a six (6) month period.

(1) The TFC Network Data Report will reflect all TFC telephone numbers that may originate and terminate within the state of Missouri. Each TFC telephone number will reflect one of the following:

(A) Jointly provided TFC Access Service (T) Calls

The 10-digit POTS number associated with the WATS Access Line Service to which the TFC call will terminate.

ISSUED:

Richard D. Lawson March 27, 1996 State Executive, External Affairs April 29, 1996

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2. General Regulations (Cont'd) SEP 17 1992

2.3 Obligations of the Customer (Cont'd)

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2.3.16 Determination of Intrastate Charges for Mixed Intrastate Charges for Mixed Intrastate Charges Interstate 800 and WATS Service

> Jointly provided and non-jointly provided intrastate 800 Access Service usage terminating over WATS Access Line Service which carries pure intrastate traffic or a mix of intrastate/interstate traffic, will be split between intraLATA and interLATA usage via a percentage as described in the WATS tariff.

Jurisdictional determination of jointly provided and non-jointly provided originating intrastate 800 Access Service usage will be based upon data as set forth, following.

Customers ordering jointly provided 800 Access Service must provide the Telephone Company with an 800 Network Data Report. Customers ordering Non-Jointly provided 800 Access Service must provide the Telephone Company with either an 800 Network Data Report or, a Switched Access Service Percent Intrastate IntraLATA/CCL Report. The Telephone Company will work cooperatively with the customer should the customer request a change in reporting method. In such case, the customer must provide written notification to the Telephone Company specifying which reporting option the customer will utilize. Such requests to change the reporting method will be accepted by the Telephone Company no more than one time in a six (6) month period.

- (1) The 800 Network Data Report will reflect all 800 telephone numbers that may originate and terminate within the state of Missouri. Each 800 telephone number will reflect one of the following:
  - (A) Jointly provided 800 Access Service Calls

The 10-digit POTS number associated with the WATS Access Line Service to which the 800 call will terminate.

BY: John L. Roe

Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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## ACCESS SERVICE

- 2. General Regulations (Cont'd)
  - Obligations of the Customer (Cont'd)
    - 2.3.16 Determination of Intrastate Charges for Mixed Intrastate and Interstate Toll Free Code (TFC) Access and WATS Service (Cont'd)
      - (B) Non-Jointly Provided TFC Access Service Calls (T)

The NPA-NXX associated with the terminating POTS number. This option is required when (T) the TFC call uses Switched Access Service to terminate on WATS Access Line Service or a common line.

The NPA-NXX associated with the terminating end user's serving wire center. This option (T) is required when the TFC call terminates on a premise to premise special access service or customer provided facilities.

This report shall also reflect any time or day sensitive routing information which the Telephone Company requires to accurately bill, an indicator of the type of termination that will be used in the completion of the TFC call, (i.e. common line, WATS Access Line or other,) and when the type of termina-tion is a WATS Access Line, an additional indicator to identify whether jointly provided or non-jointly provided TFC Access service is completing to the WATS Access Line.

(T)Customers are required to provide TFC Network Data Reports before initial TFC Access service is estab-lished. The TFC Network Data Report is required on a weekly basis unless the Telephone Company and the customer agree that the customer's TFC (T) service activity requires provision of the report on either a more frequent or less (T) frequent basis.

The TFC Network Data Report contains confidential information and will be treated by the Telephone company as proprietary. The TFC Network Data Report will be used solely for the purpose of determining the jurisdiction of calls and proper rate application.

ISSUED: March 27, 1996

Richard D. Lawson State Executive, External Affairs April 29, 1996

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ACCESS SERVICE

- 2. General Regulations (Cont'd)
  - 2.3 Obligations of the Customer (Cont'd)

MISSOURI Public Service Commission

- 2.3.16 Determination of Intrastate Charges for Mixed Intrastate and Interstate 800 and WATS Service (Cont'd)
  - (B) Non-Jointly Provided 800 Access Service Calls

The NPA-NXX associated with the terminating POTS number. This option is required when the 800 call uses Switched Access Service to terminate on WATS Access Line Service or a common line.

The NPA-NXX associated with the terminating end user's serving wire center. This option is required when the 800 call terminates on a premise to premise special access service or customer provided facilities.

This report shall also reflect any time or day sensitive routing information which the Telephone Company requires to accurately bill, an indicator of the type of termination that will be used in the completion of the 800 call, (i.e. common line, WATS Access Line or other,) and when the type of termination is a WATS Access Line, an additional indicator to identify whether jointly provided or nonjointly provided 800 Access service is completing to the WATS Access Line.

Customers are required to provide 800 Network Data Reports before initial 800 Access service is established. The 800 Network Data Report is required on a weekly basis unless the Telephone Company and the customer agree that the customer's 800 service activity requires provision of the report on either a more frequent or less frequent basis.

The 800 Network Data Report contains confidential information and will be treated by the Telephone company as proprietary. The 800 Network Data Report will be used solely for the purpose of determining the jurisdiction of

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calls and proper rate applies ion.

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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## ACCESS SERVICE

- 2. General Regulations (Cont'd)
  - Obligations of the Customer (Cont'd)
    - 2.3.16 Determination of Intrastate Charges for Mixed Intrastate and Interstate Toll Free Code (TFC) Access and WATS Service (Cont'd)
      - (2) Customers who provide the Switched Access Percent Intrastate IntraLATA/CCL (PIIL/CCL) Report will supply the Telephone Company with an intrastate intraLATA percentage, by feature group, of origi-nating Switched Access Service access minutes, and a percentage of common line terminating traffic for each LATA from which the customer may originate MTS/WATS and/or MTS/WATS-type traffic. The PIIL/CCL report will be used by the Telephone Company to determine the jurisdiction of calls, and proper rate application.

The Switched Access Service PIIL/CCL report must be provided to the Telephone Company on a quarterly basis. Effective on the first of January, April, July, and October of each year the customer will update the Switched Access Service PIIL/CCL report. customer shall forward to the Telephone Company, to be received no later than 15 business days after the first of each month, a revised Switched access Service PIIL/CCL report showing the intrastate intraLATA percentages of use for the most recent three months for which data is available. The revised report will serve as the basis for the next three months billing and will be effective on the bill date for that Service. No prorative or retro-active billing will be done based on the report.

## 2.4 Payment Arrangements and Credit Allowances

## 2.4.1 Payment of Rates, Charges and Deposits

(A) The Telephone Company will, in order to safeguard its interests, only require a customer which has a proven history of late payments to the Telephone Company or does not have established credit, to make a deposit prior to or at any time after the provision of a service to the customer to be held by the Telephone Company as a guarantee of the payment of rates and charges. No such deposit will be required of a customer which is a successor of a

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Richard D. Lawson March 27, 1996 State Executive, External Affairs April 29, 1996

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- 2. General Regulations (Cont'd)
  - 2.3 Obligations of the Customer (Cont'd)

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- 2.3.16 Interstate 800 and WATS Service (Cont'd)
  - (2) Customers who provide the Switched Access Percent Intrastate IntraLATA/CCL (PIIL/CCL) Report will supply the Telephone Company with an intrastate intraLATA percentage, by feature group, of originating Switched Access Service access minutes, and a percentage of common line terminating traffic for each LATA from which the customer may originate MTS/WATS and/or MTS/WATS-type traffic. The PIIL/CCL report will be used by the Telephone Company to determine the jurisdiction of calls, and proper rate application.

The Switched Access Service PIIL/CCL report must be provided to the Telephone Company on a quarterly basis. Effective on the first of January, April, July, and October of each year the customer will update the Switched Access Service PIIL/CCL report. The customer shall forward to the Telephone Company, to be received no later than 15 business days after the first of each month, a revised Switched access Service PIIL/CCL report showing the intrastate intraLATA percentages of use for the most recent three months for which data is available. The revised report will serve as the basis for the next three months billing and will be effective on the bill date for that Service. No prorative or retroactive billing will be done better on the report. APR 29 1996 BY Lot R.S. # 47

Payment Arrangements and Credit Allowances

2.4.1 Payment of Rates, Charges and Deposits

The Telephone Company will, in order to safeguassolls interests, only require a customer which has history of late new telephone Company will, in order to safeguassolls. (A) not have established credit, to make a deposit prior to or at any time after the provision of a service to the customer payment of rates and charges. No such deposit will be rates and charges. No such deposit will be recessor of \$100 % 1392 to be held by the Telephone Company as a guarantee of the required of a customer which is a successor of \$101

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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- 2. General Regulations (Cont'd)
  - Payment Arrangements and Credit Allowances (Cont'd)
    - 2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

company which has established credit and has no history of late payments to the Telephone Company. Such deposit may not exceed the actual or estimated rates and charges for the service for a two month period. The fact that a deposit has been made in no way relieves the customer from complying with the Telephone Company's regulations as to prompt payment of bills. At such time as the provision of the service to the customer is terminated, the amount of the deposit will be credited to the customer's account and any credit balance which may remain will be refunded.

- 2. General Regulations (Cont'd)
  - Payment Arrangements and Credit Allowances (Cont'd)
    - 2.4.1 Payment of Rates, Charges and Deposits (Cont'd)
      - (A) (Cont'd)

Such a deposit may be refunded or credited to the account when the customer has established credit or, in any event, after the customer has established a one-year prompt payment record at any time prior to the termination of the provision of the service to the customer. In case of a cash deposit, for the period the deposit is held by the Telephone Company, the customer will receive interest at the same percentage rate as that set forth in (B)(3)(b)(I) or in (B)(3)(b)(II), whichever is lower. will be compounded daily for the number of days from the date the customer deposit is received by the Tele-phone Company to and including the date such deposit is credited to the customer's account or the date the deposit is refunded by the Telephone Company. Should a deposit be credited to the customer's account, as indicated above, no interest will accrue on the deposit from the date such deposit is credited to the customer's account.

(B) The Telephone Company shall bill on a current basis all charges incurred by and credits due to the customer under this tariff attributable to services, including, but not limited to, Maintenance of Service as set forth in 13.3.1 following, established or discontinued during the preceding billing period. In addition, the Telephone Company shall bill in advance charges for all services to be provided during the ensuing billing period except for charges associated with service usage and for Federal Government which will be billed in arrears. The bill day (i.e., the billing date of a bill for a customer for Access Service under this tariff), the period of service each bill covers and the payment date will be as follows:

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Richard D. Lawson State Executive, External Affairs November 7, 1992

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# CANCELLED - Missouri Public Service Commission - 06/04/2006 - TN-2006-0416 - YI-2006-0841

## **ACCESS SERVICE**

2. General Regulations (Cont'd)

Payment Arrangements and Credit Allowances (Cont'd)
2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) (Cont'd)

- (1) For End User Access Service and Presubscription the Telephone Company will establish a bill day each month for each end user account and Presubscription charges. The bill will cover End User Access Service charges for the ensuing billing period, except for End User Access Service for the Federal Government which will be billed in arrears. Any applicable charges, any known unbilled charges for prior periods and any known unbilled adjustment for prior periods for End User Access Service and Presubscription Service will be applied to this bill. Such bills are due when rendered.
- Presubscription, the Telephone Company will establish a bill day each month for each customer account. The bill will cover nonusage sensitive service charges for the ensuing billing period for which the bill is rendered, any known unbilled nonusage sensitive charges for prior periods for the period after the last bill day through the current bill day. Any known unbilled usage charges for prior periods and any known unbilled adjustments will be applied to this bill. Payment for such bills is due as set forth in (3) following. If payment is not received by the payment date, as set forth in (3) following in immediately available funds, a late payment penalty will apply as set forth in (3) following.

ISSUED: March 28, 2001

Richard D. Lawson EFFECTIVE: April 30, 2001 State Executive, External Affairs 319 Madison Jefferson City, MO 65101 (C)

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## ACCESS SERVICE

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2. General Regulations (Cont'd) SEP 171992

2.4 Payment Arrangements and Credit Allowances (Cont'd)

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2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

### (B) (Cont'd)

- (1) For End User Access Service and Presubscription the Telephone Company will establish a bill day each month for each end user account. The bill will cover End User Access Service charges for the ensuing billing period except for End User Access Service for Federal, Government which will be billed in arrears. Any applicable Presubscription charges, any known unbilled charges for prior periods and any known unbilled adjustment for prior periods for End User Access Service and Presubscription Service will be applied to this bill. Such bills are due when rendered.
- For Service other than End User Service and (2) Presubscription, the Telephone Company will establish a bill day each month for each customer account. The bill will cover nonusage sensitive service charges for the ensuing billing period for which the bill is rendered, any known unbilled nonusage sensitive charges for prior periods for the period after the last bill day through the current bill day. Any known unbilled usage charges for prior periods and any known unbilled adjustments will be applied to this bill. Payment for such bills is due as set forth in (3) following. If payment is not received by the payment date, as set forth in (3) following in immediately available funds, a late payment penalty will apply as set forth in (3) following.

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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- 2. General Regulations (Cont'd)
  - Payment Arrangements and Credit Allowances (Cont'd) 2.4.1 Payment of Rates, Charges and Deposits (Cont'd) (Cont'd) (B)
    - (3)All bills dated as set forth (a) in (2) pre-ceding for service, other than End User Access Service and Presubscription, provided to the customer by the Telephone Company are due 31 days (payment date) after the billing day or by the next bill date (i.e., same date in the following month as the bill date whichever is the shortest interval except as provided herein, and are payable in immedi-ately available funds. If such payment date would cause payment to be due on a Saturday, Sunday or Holiday (i.e., New Year's Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, the second Tuesday in November and a day when Washington's Birth-day, Memorial Day or Columbus Day is legally observed), payment for such bills will be due from the customer as follows:

If such payment date falls on a Sunday or on a Holiday which is observed on a Monday, the payment date shall be the first non-Holiday day following such Sunday or Holiday. If such payment date falls on a Saturday or on a Holiday which is observed on Tuesday, Wednesday, Thursday or Friday, the payment date shall be the last non-Holiday day preceding such Saturday or Holiday.

(b) Further, if any portion of the payment is received by the Telephone Company after the payment date as set forth in (a) preceding, or if any portion of the payment is received by the Telephone Company in funds which are not immediately available to the Telephone Company, then a late payment penalty shall be due to the Telephone Company. The late payment penalty shall be the portion of the payment not received by the payment date times an interest factor. The interest factor shall be the lesser of:

- 2. General Regulations (Cont'd)
  - 2.4 Payment Arrangements and Credit Allowances (Cont'd)
    2.4.1 Payment of Rates, Charges and Deposits (Cont'd)
    (B) (Cont'd)
    - (3) (Cont'd) (b) (Cont'd)
      - (I) the highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Telephone Company, or
      - (II) 0.000590 per day, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Telephone Company.
      - (c) In the event that a billing dispute con-cerning any charges billed to the customer by the Telephone Company is resolved in favor of the Telephone Company, any payments withheld pending settlement of the dispute shall be subject to the late payment in-terest charge set forth in (b) preceding. If the customer disputes the bill on or before the payment date, and pays the undis-puted amount on or before the payment date, any late payment charge for the disputed amount will not start until 10 working days after the payment date. If the billing dispute is resolved in favor of the cus-tomer, no late payment penalty will apply to the disputed amount. In addition, if the customer disputes the billed amount and pays the total amount (i.e., the nondisputed amount and the disputed amount) on or before the payment date and the

ISSUED:
September 17 1992

Richard D. Lawson
State Executive, External Affairs

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September 17, 1992 State Executive, External Affairs November 7, 1992

- 2. General Regulations (Cont'd)
  - Payment Arrangements and Credit Allowances (Cont'd) 2.4.1 Payment of Rates, Charges and Deposits (Cont'd) (Cont'd) (B)
    - (3) (Cont'd)
      - (Cont'd) billing dispute is resolved in favor of the customer, the customer will receive a credit for a disputed amount penalty from the Telephone Company if the bill in dispute is not resolved within 10 working days following the payment date or the date the customer furnishes to the Telephone Company documentation to support its claim plus 10 working days, whichever date is the late The disputed amount penalty shall be the disputed amount resolved in the cus-tomer's favor times a penalty factor. The penalty factor shall be the lesser of:
        - the highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for the number of days from the first date to and including the last date of the period involved, or
      - (II) 0.000590 per day, compounded daily for the number of days from the first date to and including the last date of the period involved.
    - (C) When a payment for Access Service Charges billed under this Tariff is due to the Telephone Company from the customer as set forth in (B)(3) preceding on the same payment date that a Purchase of Accounts Receivable net purchase amount is due to the customer from the Telephone Company as set forth in 8.2.2 following, the telephone Company may, with at least 31 days notice to the customer, net the payment for customer Access Service Charges with the net purchase.

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Richard D. Lawson State Executive, External Affairs November 7, 1992

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- 2. General Regulations (Cont'd)
  - Payment Arrangements and Credit Allowances (Cont'd)

    2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

    (C) (Cont'd)
    - amount. The Telephone Company will pay the net amount to the customer on the payment date when such net amount is due to the customer or require the customer to pay to the Telephone Company the net amount when such net amount is due to the Telephone Company. If either party does not make the payment on the payment date, a late payment penalty as set forth in 8.2.2(C)(2) following or (B)(3) preceding, whichever is appropriate, applies.
    - (D) Adjustments for the quantities of services estab-lished or discontinued in any billing period beyond the minimum period set forth for services in other sections of this tariff will be prorated to the number of days or major fraction of days based on a 30 day month. The Telephone Company will, upon request and if available, furnish such detailed information as may reasonably be required for verification of any bill.
    - (E) When a rate as set forth in this tariff is shown to more than two decimal places, the charges will be determined using the rate shown. The resulting amount will then be rounded to the nearest penny (i.e., rounded to two decimal places).
    - (F) When more than one copy of a customer bill for services provided under the provisions of this tariff is furnished to the customer, an additional charge applies for each additional copy of the bill as set forth in 13.3.6 following.
    - 2.4.2 Minimum Period

The minimum period for which services are provided and for which rates and charges are applicable is one month except for those services set forth in 5.2.5(B) and (C), 7.4.4, 8.1.5(B), 8.3.5(A), 9.4(A) and 13.3.5(C)(1)(b), (c) and (d) following.

ISSUED: Richard D. Lawson EFFECTIVE: September 17, 1992 State Executive, External Affairs November 7, 1992

## 2. General Regulations (Cont'd)

# Payment Arrangements and Credit Allowances (Cont'd)

## 2.4.2 Minimum Period (Cont'd)

The minimum period for which service is provided and for which rates and charges are applicable for a Specialized Service or Arrangement provided on an individual case basis, as set forth in 12. following, is one month unless a different minimum period is established with the individual case filing.

When a service is discontinued prior to the expiration of the minimum period, charges are applicable, whether the service is used or not, as follows:

- (A) When a service with a one month minimum period is discontinued prior to the expiration of the minimum period, a one month charge will apply at the rate level in effect at the time service is discontinued.
- (B) When a service with a minimum period greater than one month is discontinued prior to the expiration of the minimum period, the applicable charge will be the lesser of (1) the Telephone Company's total nonrecoverable costs less the net salvage value for the discontinued service or (2) the total monthly charges, at the rate level in effect at the time service is discontinued, for the remainder of the minimum period.
- (C) Not withstanding minimum period regulations to the contrary, Local Exchange Carriers participating in the Primary Carrier by Toll Center Plan cannot change Primary Carrier/Secondary Carrier points of physical connection without the mutual agreement of both parties, unless ordered by the Commission.

## 2.4.3 Cancellation of an Order for Service

Provisions for the cancellation of an Access Order for Switched Access or Special Access service are set forth in 5.2.2(B) and 5.2.3 following.

- 2. General Regulations (Cont'd)
  - Payment Arrangements and Credit Allowances (Cont'd) 2.4.4 Credit Allowance for Service Interruptions  $(Cont'\overline{d})$ 
    - (A) General

A service is interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this tariff or in the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer as set forth in 6.5.1 following. An interruption period starts when an inoperative service is reported to the Telephone Company, and ends when the service is operative.

- (B) When A Credit Allowance Applies In case of an interruption to any service, allowance for the period of interruption, if not due to the negligence of the customer, shall be as follows:
  - (1) For Special Access Services other than Program Audio and Video Services, no credit shall be allowed for an interruption of less than 30 minutes. The customer shall be credited for an interruption of 30 minutes or more at the rate of 1/1440 of the monthly charges for the facility or service for each period of 30 minutes or major fraction thereof that the interruption continues.

The monthly charges used to determine the credit shall be as follows:

(a) For two-point services, the monthly charge shall be the total of all the monthly rate element charges associated with the service (i.e., two channel terminations, channel mileage and optional features and functions).

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Richard D. Lawson State Executive, External Affairs November 7, 1992

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## ACCESS SERVICE

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2. General Regulations (Cont'd)

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2.4 Payment Arrangements and Credit Allowances (Cont'd) MESCUCE FUNIC SCRUCO COMMISSION 2.4.4 Credit Allowance for Service Interruptions (Cont'd)

## (A) General

A service is interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this tariff or in the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer as set forth in 6.5.1 following. An interruption period starts when an inoperative service is reported to the Telephone Company, and ends when the service is operative.

## (B) When A Credit Allowance Applies

In case of an interruption to any service, allowance for the period of interruption, if not due to the negligence of the customer, shall be as follows:

(1) For Special Access Services other than Program Audio and Video Services, no credit shall be allowed for an interruption of less than 30 minutes. The customer shall be credited for an interruption of 30 minutes or more at the rate of 1/1440 of the monthly charges for the facility or service for each period of 30 minutes or major fraction thereof that the interruption continues.

The monthly charges used to determine the credit shall be as follows:

(a) For two-point services, the monthly charge shall be the total of all the monthly rate element charges associated with the service (i.e., two channel terminations, channel mileage and optional features and functions).

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ISSUED: September 17, 1992 BY: John L. Roe
Vice President - Administration
5454 West 110th Street
Overland Park, Kansas 66211

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- 2. General Regulations (Cont'd)
  - Payment Arrangements and Credit Allowances (Cont'd) 2.4.4 Credit Allowance for Service Interruptions  $(Cont'\overline{d})$ 
    - (B) When A Credit Allowance Applies (Cont'd) (1) (Cont'd)
      - (b) For multipoint services, the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service that is inoperative (i.e., a channel between the Hub and a termination per customer premises, channel mileage and optional features and functions).
      - (c) For multiplexed services, the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service that is inoperative. When the facility which is multiplexed or the multiplexer itself is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with the service (i.e., channel termination, channel mileages and optional features and functions including the multiplexer on the facility to the Hub and the channel termina-tions, channel mileages and optional features and functions on the individual services from the Hub). When the service which rides a channel of the multiplexed facility is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service from the Hub to a customer premises (i.e., channel termination, channel mileage and optional features and func-tions.)

ISSUED: September 17, 1992

Richard D. Lawson State Executive, External Affairs November 7, 1992

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## ACCESS SERVICE

2. General Regulations (Cont'd)

Payment Arrangements and Credit Allowances (Cont'd) 2.4.4 Credit Allowance for Service Interruptions

(Cont'd)

- (B) When A Credit Allowance Applies (Cont'd) (2) For Program Audio and Video Special Access Services, no credit shall be allowed for an interruption of less than 30 seconds. The customer shall be credited for an interruption of 30 seconds or more as follows:
  - (a) For two-point services, when monthly rates are applicable, the credit shall be at the rate of 1/8640 of the monthly charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues.
  - (b) For two-point services, when daily rates are applicable, the credit shall be at the rate of 1/288 of the daily charges for the ser-vice for each period of 5 minutes or major fraction thereof that the interruption continues.
  - (c) For multipoint services, when monthly rates are applicable, the credit shall be at the rate of 1/8640 of the monthly charges for all Channel Terminations, Channel Mileages and optional features and functions that are inoperative for each period of 5 minutes or major fraction thereof that the interruption continues.
  - (d) For multipoint services, when daily rates are applicable, the credit shall be at the daily rate of 1/288 of the daily charges for all channel terminations, channel mileages and optional features and functions that are inoperative for each period of 5 minutes or major fraction thereof that the interruption continues.

ISSUED:

Richard D. Lawson February 9, 2000 State Executive, External Affairs March 10, 2000

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- 2. General Regulations (Cont'd)
  - Payment Arrangements and Credit Allowances (Contiduis Continuoso)
  - 2.4.4 Credit Allowance for Service Interruptions (Cont'd)
    - (B) When A Credit Allowance Applies (Cont'd)
      - (2) For Program Audio and Video Special Access Services, no credit shall be allowed for an interruption of less than 30 seconds. The customer shall be credited for an interruption of 30 seconds or more as follows:
        - (a) For two-point services, when monthly rates are applicable, the credit shall be at the rate of 1/8640 of the monthly charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues.
        - (b) For two-point services, when daily rates are applicable, the credit shall be at the rate of 1/288 of the daily charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues.
        - (c) For multipoint services, when monthly rates are applicable, the credit shall be at the rate of 1/8640 of the monthly charges for all Service Terminations, Channel Mileages and optional features and functions that are inoperative for each period of 5 minutes or major fraction thereof that the interruption continues.
        - (d) For multipoint services, when daily rates are applicable, the credit shall be at the daily rate of 1/288 of the daily charges for all channel terminations, channel mileages and optional features and functions that are inoperative for each period of 5 minutes or major fraction thereof that the interruption continues.

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ISSUED: September 17, 1992 BY: John L. Roe

Vice President - Administration
5454 West 110th Street
Overland Park, Kansas 66211

EFFECTIVE:

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- 2. General Regulations (Cont'd)
  - 2.4 Payment Arrangements and Credit Allowances (Cont'd)
    - 2.4.4 <u>Credit Allowance for Service Interruptions</u> (Cont'd)
      - (B) When A Credit Allowance Applies (Cont'd)
        - (2) (Cont'd)
          - (e) For multipoint services, the credit for the monthly or daily charges includes the charges for the distribution amplifier only when the distribution amplifier is inoperative.
          - (f) When two or more interruptions occur during a period of 5 consecutive minutes, such multiple interruptions shall be considered as one interruption.
        - (3) For Switched Access Service and Directory Assistance Service, no credit shall be allowed for an interruption of less than 24 hours. The customer shall be credited for an interruption of 24 hours or more at the rate of 1/30 of (a) the applicable monthly rates or (b) the assumed minutes of use *charge for* each period of 24 hours or major fraction thereof that the interruption continues.

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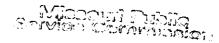
- (4) The credit allowance(s) for an interruption or for a series of interruptions shall not exceed the applicable monthly rate or for the service interrupted in any one monthly billing period.
- (5) For certain Special Access services (Digital Data, DA1-4 and High Capacity, HC1 Services), any period during which the error performance is below that specified for the service will be considered as an interruption.

ISSUED: January 7, 2002 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: February 7, 2002

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- 2. General Regulations (Cont'd)
  - RECD SEP 10 1999 2.4 Payment Arrangements and Credit Allowances (Cont'd)
    - Credit Allowance for Service Interruptions (Cont'd)
      - (B) When A Credit Allowance Applies (Cont'd)
        - (2) (Cont'd)
          - (e) For multipoint services, the credit for the monthly or daily charges includes the charges for the distribution amplifier only when the distribution amplifier is inoperative.
          - (f) When two or more interruptions occur during a period of 5 consecutive minutes, such multiple interruptions shall be considered as one interruption.
        - (3) For Switched Access Service and Directory Assistance Service, no credit shall be allowed for an interruption of less than 24 hours. The customer shall be credited for an interruption of 24 hours or more at the rate of 1/30 of (a) the applicable monthly rates or (b) the assumed minutes of use charge or (c) the minimum monthly usage charge for each period of 24 hours or major fraction thereof that the interruption continues. However, in no case is a credit allowance applicable when the actual usage charge exceeds the minimum monthly usage charge in any one monthly billing period.
        - (4) The credit allowance(s) for an interruption or for a series of interruptions shall not exceed (a) applicable monthly rate or (b) the minimum monthly usage charges for the service interrupted in any one monthly billing period.
        - (5) For certain Special Access services (Digital Data, DA1-4 and High Capacity, HC1 Services), any period during which the error performance is below that specified for the service will be considered as an interruption.

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Public Service Commission

Richard D. Lawson September 10, 1999 State Executive, External Affairs

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2. General Regulations (Cont'd) SEP 17 1992

- 2.4 Payment Arrangements and Credit Allowances (Cont'd) MESCOURI
  - 2.4.4 Credit Allowance for Service Interruptions (Contra) Contral
    - (B) When A Credit Allowance Applies (Cont'd)
      - (2) (Cont'd)
        - (e) For multipoint services, the credit for the monthly or daily charges includes the charges for the distribution amplifier only when the distribution amplifier is inoperative.
        - (f) When two or more interruptions occur during a period of 5 consecutive minutes, such multiple interruptions shall be considered as one interruption.
      - For Switched Access Service and Directory Assistance (3) Service, no credit shall be allowed for an interruption of less than 24 hours. The customer shall be credited for an interruption of 24 hours or more at the rate of 1/30 of (a) the applicable monthly rates or (b) the assumed minutes of use charge or (c) the minimum monthly usage charge for each period of 24 hours or major fraction thereof that the interruption continues. However, in no case is a credit allowance applicable when the actual usage charge exceeds the minimum monthly usage charge in any one monthly billing period.

The credit allowance(s) for an interruption or for a series of interruptions shall not exceed (a) applicable monthly rate or (b) the minimum monthly usage charges for the service interrupted in any one monthly billing period.

For certain Special Access services (United DigiLink\* (5) DA1-4, United TransLink\*, HCl and other High Capacity Services), any period during which the error performance is below that specified for the service will be considered as an interruption.

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\* A Service Mark of United Telecommunications, Inc.,

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ISSUED: September 17, 1992

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BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: October 17. 1992 NOV 7 1992

- 2. General Regulations (Cont'd)
  - Payment Arrangements and Credit Allowances (Cont'd)
    - 2.4.4 Credit Allowance for Service Interruptions (Cont'd)
      - (B) When A Credit Allowance Applies (Cont'd)
        - (6) Service interruptions for Specialized Service or Arrangements provided under the provisions of 12. following shall be administered in the same manner as those set forth in this section (2.4.4) unless other regulations are specified with the individual case filing.
      - (C) When a Credit Allowance Does Not Apply

No credit allowance will be made for:

- (1) Interruptions caused by the negligence of the customer.
- (2) Interruptions of a service due to the failure of equipment or systems provided by the customer or others.
- (3) Interruptions of a service during any period in which the Telephone Company is not afforded access to the premises where the service is terminated.
- (4) Interruptions of a service when the customer has released that service to the Telephone Company for maintenance purposes, to make rearrange-ments, or for the implementation of an order for a change in the service during the time that was negotiated with the customer prior to the release of the service. There after, a credit allowance as set forth in (B) preceding applies.

- 2. General Regulations (Cont'd)
  - 2.4 Payment Arrangements and Credit Allowances (Cont'd)
    - 2.4.4 <u>Credit Allowance for Service Interruptions</u> (Cont'd)
      - (C) When a Credit Allowance Does Not Apply (Cont'd)
- (5) Interruptions of a service which continue because of the failure of the customer to authorize replacement of any element of special construction, as set forth in Section 14, Special Construction, of this tariff. The period for which no credit allowance is made begins on the seventh day after the customer receives the Telephone Company's written notification of the need for such replacement and ends on the day after receipt by the Telephone Company of the customer's written authorization for such replacement.
  - (6) Periods when the customer elects not to release the service for testing and/or repair and continues to use it on an impaired basis.
  - (7) Periods of temporary discontinuance as set forth in 2.2.2 (B) preceding.
  - (8) Periods of interruption as set forth in 13.3.1 following.
  - (9) An interruption or a group of interruptions, resulting from a common cause, for amounts less than one dollar.
  - (10) During a declared national emergency, where priority installation of National Security Emergency Preparedness (NSEP) telecommunications services shall take precedence.
  - (11) During natural disasters, work stoppages, civil disturbances, criminal actions; or by fire, flooding or other occurrences attributed to an Act of God.
  - (12) If a planned or scheduled outage for maintenance, upgrades and enhancements take place.

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General Regulations (Cont'd)

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- 2.4 Payment Arrangements and Credit Allowances (Cont'd) WHSSOUTH
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  2.4.4 Credit Allowance for Service Interruptions (Cont'd)
  - (C) When a Credit Allowance Does Not Apply (Cont'd)
    - (5) Interruptions of a service which continue because of the failure of the customer to authorize replacement of any element of special construction, as set forth in Section 14, Special Construction, of this tariff. The period for which no credit allowance is made begins on the seventh day after the customer receives the Telephone Company's written notification of the need for such replacement and ends on the day after receipt by the Telephone Company of the customer's written authorization for such replacement.
    - (6) Periods when the customer elects not to release the service for testing and/or repair and continues to use it on an impaired basis.
    - (7) Periods of temporary discontinuance as set forth in 2.2.2 (B) preceding.
    - (8) Periods of interruption as set forth in 13.3.1 following.
    - (9) An interruption or a group of interruptions, resulting from a common cause, for amounts less than one dollar.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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- 2. General Regulations (Cont'd)
  - Payment Arrangements and Credit Allowances (Cont'd) 2.4.4 Credit Allowance for Service Interruptions

(Cont'd)

- (D) Use of an Alternative Service Provided by the Telephone Company Should the customer elect to use an alternative service provided by the Telephone Company during the period that a service is interrupted, the customer must pay the tariffed rates and charges for the alternative service used.
- (E) Temporary Surrender of a Service In certain instances, the customer may be requested by the Telephone Company to surrender a service for purposes other than maintenance, testing or activity relating to a service order. If the customer consents, a credit allowance will be granted. The credit allowance will be 1/1440 of the monthly rate for each period of 30 minutes or fraction thereof that the service is surrendered. In no case will the credit allowance exceed the monthly rate for the service surrendered in any one monthly billing period.

#### 2.4.5 Reserved For Future Use

#### 2. General Regulations (Cont'd)

#### Payment Arrangements and Credit Allowances (Cont'd)

#### 2.4.6 Reestablishment of Service Following Fire, Flood or Other Occurrence

#### (A) Nonrecurring Charges Do Not Apply

Charges do not apply for the reestablishment of service following a fire, flood or other occurrence attributed to an Act of God provided that:

- (1) The service is of the same type as was provided prior to the fire, flood and other occurrence.
- (2) The service is for the same customer.
- (3) The service is at the same location on the same premises.
- (4) The reestablishment of service begins within 60 days after Telephone Company service is available. (The 60 day period may be extended a reasonable period if the renovation of the original location on the premises affected is not practical within the allotted time period.)

#### (B) Nonrecurring Charges Apply

Nonrecurring Charges apply for establishing service at a different location on the same premises or at a different premises pending reestablishment of service at the original location.

#### 2.4.7 Title or Ownership Rights

(A) The payment of rates and charges by customers for the services offered under the provisions of this tariff does not assign, confer or transfer title or ownership rights to proposals or facilities developed or utilized, respectively, by the Telephone Company in the provision of such services.

- 2. General Regulations (Cont'd)
  - Payment Arrangements and Credit Allowances (Cont'd) 2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved The Telephone Company will handle ordering, rating and billing of Access Services under this tariff where more than one Exchange Telephone company or rate schedule is involved in the provision of Access Service as set forth in (A) or (B) following. The choice of either (A) or (B) shall be made by the Telephone Company and the Telephone Company will notify the customer which option will apply when the customer orders Access Service. The choice of (A) or (B) will be based on the interconnection arrangements between the Exchange Telephone companies involved. The option set forth in (A) following

is transitional only and will expire with

December 31, 1987. (A) When an Access Service is ordered by a customer where one end of the Transport element (i.e., Switched Access Service Local Transport, Directory Transport or Special Access Service Channel Mileage.) is in one Exchange Telephone Company operating territory and the other end is in another Exchange Telephone company operating territory, except for Access Services provided with the use of Hubs, the Exchange Telephone company in whose operating territory the customer's end user is located will accept the order for the Access Service from the customer except for Switched Access Services ordered on a per line or per trunk The Exchange Telephone in whose basis. territory the first point of switching is located will accept the order for Feature Group A,B and D Switched Access Services ordered in lines or trunks. The Exchange Telephone Company that accepts the order will then determine the charges involved, arrange to provide the Access Service ordered and bill the charges in accordance with its Access Service tariff.

ISSUED: September 17, 1992

Richard D. Lawson State Executive, External Affairs November 7, 1992

**EFFECTIVE:** 

- 2. General Regulations (Cont'd)
  - Payment Arrangements and Credit Allowances (Cont'd) 2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)

When an Access Service provided with the use of a Hub is ordered by a customer, the Exchange Telephone Company in whose territory the Hub is located will accept the order for the Access Service from the customer. That Exchange Telephone Company will then determine the charges involved, arrange to provide the Access Service ordered and bill the charges in accordance with its Access Service tariff.

- (B) The Telephone Company will handle ordering, rating and billing of Access Services under this tariff where more than one Exchange Telephone Company or rate schedule is involved in the provision of Access Service as follows:
  - (1) When Feature Group A and or B Switched Access Service is ordered by a customer where one end of the Transport element is in one Exchange Telephone Company operating territory and the other end is in another Exchange Telephone Company operating territory, the Exchange Telephone Company in whose territory the first point of switching is located will accept the order. In addition, the Exchange Telephone Company in whose territory the customer point of termination is located must also receive a copy of the order from the customer. The Exchange Telephone Company that accepts the order will then determine the charges involved, arrange to provide the Access Service ordered and bill the charges in accordance with its Access Service tariff.
  - (2) When Feature Group C, and/or D Switched Access Service and/or Directory Assistance Service is ordered by a customer where one end of the Transport element is in the Telephone Company operating territory and the other end is in another Exchange Telephone Company operating territory, the orders shall be received as follows:

- 2. General Regulations (Cont'd)
  - Payment Arrangements and Credit Allowances (Cont'd) 2.4
    - 2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)
      - (B) (2) (Cont'd)
        - (a) For Feature Group C Switched Access Service and/or Directory Assistance Service, the Exchange Telephone Company in whose operating territory the end office is located must receive the order from the customer.
        - (b) For Feature Group D Switched Access Service ordered to an end office, the Exchange Telephone Company in whose operating territory the end office is located must receive the order from the customer.
        - (c) For Feature Group D Switched Access Service ordered to an access tandem, the Exchange Telephone Company in whose territory the access tandem is located must receive the order from the customer.
        - (d) For the Service ordered set forth in (a), (b) and (c) preceding, the Exchange Telephone Company in whose territory the customer point of termination is located must also receive a copy of the order from the customer.

Each Exchange Telephone Company will provide the portion of the Transport element in its operating territory to an interconnection point with another Exchange Telephone Company and will bill the charges in accordance with its Access Service tariff. The rate for the Transport element will be determined as set forth in (8) following. All other appropriate charges in each Exchange Telephone Company tariff are applicable.

- 2. General Regulations (Cont'd)
  - Payment Arrangements and Credit Allowances (Cont'd) 2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd) (B) (Cont'd)
    - (3) When a WATS Access Line Service ordered and channel mileage usage applies (i.e., the WATS serving office and the end user customer end office are not coterminous) and one end of the channel mileage element is in the Telephone Company operating territory and the other end is in another Exchange Telephone Company operating territory, the Exchange Telephone Company in whose operating territory the end office is located must receive the order from the cus-tomer. In addition, the Exchange Telephone Company in whose operating territory the WATS Serving Office is located must also receive a copy of the order from the customer. Each Exchange Telephone Company will provide the portion of the channel mileage element in its operating territory to an interconnection point with another Exchange Telephone Company and will bill the charges in accordance with its Access Service tariff. rate for the channel mileage element will be determined as set forth in (8) following. All other appropriate charges in each Exchange Telephone Company tariff are applicable.
    - (4) When a Special Access Service is ordered by a customer where one end of the Channel Mileage is in the Telephone Company operating territory and the other end is in another Exchange Telephone Company operating territory, except for Special Access Service provided with the use of Hubs, either of the Exchange Telephone Companies may receive the order from the customer. addi-tion, the other Exchange Telephone Company must receive a copy of the order from the customer. Each Exchange Telephone Company will provide the portion of the Channel Mileage element in its operating territory

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Richard D. Lawson September 17, 1992 State Executive, External Affairs November 7, 1992

EFFECTIVE:

- 2. General Regulations (Cont'd)
  - Payment Arrangements and Credit Allowances (Cont'd) 2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd) (B) (4) (Cont'd)
    - to an interconnection point (IP) with another Exchange Telephone Company and will bill the charges in accordance with its Access Service tariff. The rate for the Channel Mileage element will be determined as set forth in (8) following. All other appropriate charges in each Exchange Telephone Company tariff are applicable.
    - (5) When a Special Access Service involving a Hub is ordered by a customer where one end of the Channel Mileage element is in an Exchange Telephone Company operating territory and the Hub is in another Exchange Telephone Company operating territory, the Exchange Telephone Company in whose territory the Hub is located must receive the order from the customer. In addition, The Exchange Telephone Company in whose operating territory a customer premises is located must receive copies of the order from the customer. Each Exchange Telephone Company will provide the portion of the Channel Mileage element in its operating territory to an interconnection point (IP) with another Exchange Telephone Company and will bill the charges in accordance with its Access Service The rate for the Channel Tariff. Mileage element will be determined as set forth in (8) following. All other appropriate charges in each Exchange Telephone Company tariff are applicable.
    - (6) When a Feature Group A, B, C and/or D Switched Access Service is ordered by a customer where both ends or an end and an interconnection point of the Transport Element are in the same Telephone Company and same exchange but in different states which have

ISSUED:

Richard D. Lawson September 17, 1992 State Executive, External Affairs November 7, 1992

EFFECTIVE:

- 2. General Regulations (Cont'd)
  - Payment Arrangements and Credit Allowances (Cont'd) 2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)
    - (B) (6) (Cont'd)

different rate schedules, the Telephone Company will accept the order in the state where the first point of switching is located. When a WATS Access Line Service is ordered and a channel mileage element applies and both ends or one end and an interconnection point of the channel mileage element are in the same Tele-phone Company and same exchange but in different states which have different rate schedules, the Telephone Company will accept the order in the state where the WATS Serving Office is located. The Telephone Company will provide the service ordered and will bill the portion of the service in each state in accordance with the rate schedule for that state. An inter-connection point will be determined by the Telephone Company and will be used to determine the billing for each state. The rate for the Transport element will be determined as set forth in (8) following.

(7) When a Special Access Service, including those involving a Hub, but excluding those ordered as WATS Access Line Service, is ordered by a customer where both ends of the Channel Mileage element, an end of the Channel Mileage element and an interconnection point, an end of the Channel Mileage element and a Hub or inter-connection point and a Hub are in the same Telephone Company and the same exchange but in different states which have different rate schedules, the Exchange Telephone Company will accept the order in either state except for orders involving Hubs. For orders involving Hubs, the order must be placed in the state where the Hub is located. An interconnection point will be determined by the Exchange Telephone Company and will be used to determine the billing for each state. All appropriate charges in each state rate schedule are applicable. The rate

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Third Revised Page 70 Cancels Second Revised Page 70

#### **ACCESS SERVICE**

- 2. General Regulations (Cont'd)
  - 2.4 Payment Arrangements and Credit Allowances (Cont'd)
    - 2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)
      - (B) (7) (Cont'd)

for the Channel Mileage element will be determined as set forth in (8) following.

- (8) The rate for the Transport or Channel Mileage per mile element for services provided as set forth in (2) through (7) preceding is determined in as follows:
  - (a) Determine the appropriate Transport or Channel Mileage by computing the airline mileage between the two ends of the Transport or Channel Mileage element. Determine the airline mileage for the Transport element using the V & H (1) method as set forth in 6.7.13 following. Determine the airline mileage for the Channel Mileage element using the V & H (1) method as set forth in 7.4.6 following.
  - (b) Determine the rate for the airline mileage determined in (a) preceding using the Telephone Company's tariff. Multiply such rate by the Telephone Company's billing percentage factor and divide by 100 to obtain the Transport element or Channel Mileage per mile element charges.
- (9) The interconnection points will be determined by the Exchange Telephone Companies involved. The billing percentage factor for the Telephone Company for the service between the two involved offices is listed in *National* Exchange Carrier Association, *Inc.* Tariff *F.C.C. No. 4*.
- (1) For intraLATA Local Exchange Carrier to Local Exchange Carrier traffic percentages of ownership will be determined by the V&H coordinates located in the Missouri Intrastate IntraLATA Compensation Plan Database.

ISSUED: January 7, 2002 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: February 7, 2002

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#### **ACCESS SERVICE**

2. General Regulations (Cont'd)

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- MISSOURI
  Public Service Commission
- 2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)
  - (B) (7) (Cont'd)

Payment Arrangements and Credit Allowances (Cont'd)

for the Channel Mileage element will be determined as set forth in (8) following.

- (8) The rate for the Transport or Channel Mileage per mile element for services provided as set forth in (2) through (7) preceding is determined in as follows:
  - (a) Determine the appropriate Transport or Channel Mileage by computing the airline mileage between the two ends of the Transport or Channel Mileage element. Determine the airline mileage for the Transport element using the V & H (1) method as set forth in 6.7.13 following. Determine the airline mileage for the Channel Mileage element using the V & H (1) method as set forth in 7.4.6 following.
  - (b) Determine the rate for the airline mileage determined in (a) preceding using the Telephone Company's tariff. Multiply such rate by the Telephone Company's billing percentage factor and divide by 100 to obtain the Transport element or Channel Mileage per mile element charges.
- CANCELLED

(9)

The interconnection points will be determined by the Exchange Telephone Companies involved. The billing percentage factor for the Telephone Company for the service between the two involved offices is listed in Exchange Carrier Association Tariff.

FEB 07 2002

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(1) For intraLATA Local Exchange Carrier to Local Exchange Carrier traffic percentages of ownership will be determined by the V&H coordinates located in the Missouri Intrastate (T) IntraLATA Compensation Plan Database.

ISSUED: January 26, 2001 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 FEB 26 2001

MISSOURI
Public Service Commission

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First Revised Page 70 Cancels Original Page 70

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#### ACCESS SERVICE

2. General Regulations (Cont'd)

- REC'D FEB 0 9 2000
- Payment Arrangements and Credit Allowances (Cont'd) 2.4
  - 2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)
    - (B) (7) (Cont'd)

for the Channel Mileage element will be determined as set forth in (8) following.

- (8) The rate for the Transport or Channel Mileage per mile element for services provided as set forth in (2) through (7) preceding is determined in as follows:
  - (a) Determine the appropriate Transport or Channel Mileage by computing the airline mileage between the two ends of the Transport or Channel Mileage element. Determine the airline mileage for the Transport element using the V & H (1) method as set forth in 6.7.13 following. Determine the airline mileage for the Channel Mileage element using the V & H (1) method as set forth in 7.4.6 following.
- CANCELLED

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- (b) Determine the rate for the airline mileage determined in (a) preceding using the Telephone Company's tariff. Multiply such rate by the Telephone Company's billing percentage factor and divide by 100 to obtain the Transport element or Channel Mileage per mile element charges.
- (9) The interconnection points will be determined by the Exchange Telephone Companies involved. The billing percentage factor for the Telephone Company for the service between the two involved offices is listed in Exchange Carrier Association Tariff.
- (1)For intraLATA Local Exchange Carrier to Local Exchange Carrier traffic percentages of ownership will be determined by the V&G coordinates located in the Missouri Intrastate IntraLATA Compensation Plan Database. Miceguil Public Gervico Centralcolon

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ISSUED:

Richard D. Lawson February 9, 2000 State Executive, External Affairs

EFFECTIVE: March 10, 2000 (T)

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#### ACCESS SERVICE

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2. <u>General Regulations</u> (Cont'd)

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- 2.4 Payment Arrangements and Credit Allowances (Conted) ile Service Commission
  - 2.4.8 Ordering, Rating and Billing of Access Services Where More Than
    One Exchange Telephone Company or Rate Schedule is Involved
    (Cont'd)
    - (B) (7) (Cont'd)

for the Channel Mileage element will be determined as set forth in (8) following.

- (8) The rate for the Transport or Channel Mileage per mile element for services provided as set forth in (2) through (7) preceding is determined in as follows:
  - (a) Determine the appropriate Transport or Channel Mileage by computing the airline mileage between the two ends of the Transport or Channel Mileage element. Determine the airline mileage for the Transport element using the V & H (1) method as set forth in 6.7.13 following. Determine the airline mileage for the Channel Mileage element using the V & H (1) method as set forth in 7.4.6 following.
  - (b) Determine the rate for the airline mileage determined in (a) preceding using the Telephone Company's tariff. Multiply such rate by the Telephone Company's billing percentage factor and divide by 100 to obtain the Transport element or Channel Mileage per mile element charges.
- (9) The interconnection points will be determined by the Exchange Telephone Companies involved. The billing percentage factor for the Telephone Company for the service between the two involved offices is listed in Exchange Carrier Association Tariff.
- (1) For intraLATA Local Exchange Carrier to Local Exchange Carrier traffic percentages of ownership will be determined by the V&G coordinates located in the Missouri PTC Plan IntraLATA Database.

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ISSUED: September 17, 1992

CANCELLED

MAR 1 0 2000

**Public Service Commission** 

MISSOURI

BY: John L. Roe

Vice President - Administration
5454 West 110th Street
Overland Park, Kansas 66211

EFFECTIVE:

NOV 7 1992

- 2. General Regulations (Cont'd)
  - Payment Arrangements and Credit Allowances (Cont'd)
    - 2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)
      - (B) (Cont'd)
        - Example Switched Access (10)
          - (a) Layout
            - Feature Group C Switched Access is ordered to End Office A.
            - (ii) End Office A is in operating territory of Exchange Telephone Company A.
            - (iii) Premises of ordering Customer is in operating territory of Exchange Telephone Company B.

INSERT PICTURE

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Second Revised Page 72 Cancels First Revised Page 72

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#### **ACCESS SERVICE**

- 2. General Regulations (Cont'd)
  - 2.4 Payment Arrangements and Credit Allowances (Cont'd)
    - 2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)
      - (B) (Cont'd)
        - (10) Example Switched Access (Cont'd)
          - (b) Airline Mileages (Using National Exchange Carrier Association, *Inc.* Tariff F.C.C. No. 4).
            - ETCA premises to ETCB premises = 22.1, rounded = 23

(c) Local Transport charges for 10,220 access minutes

- Assume ETCA rate for Local Transport mileband of over 16 to 25 miles is \$0.0120 per access minute
- Assume ETCA Billing Percentage (BP) is 57%
- Assume ETCB rate for Local Transport mileband of over 16 to 25 miles is \$0.0125 per access minute
- Assume ETCB Billing Percentage (BP) is 43%
- Formula:

ETCA Local = Access Minutes X ETCA Rate X ETCA Billing

Percentage

Transport 100

Charge

Calculation of Transport Charges

ETCA Local Transport = 10,220 X \$0.0120 X 57% = \$69.90 Charge

ETCB Local Transport = 10,220 X \$0.0125 X 43% = \$54.93 Charge

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#### Misseuri Public Service Commission

#### **ACCESS SERVICE**

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- 2.4 Payment Arrangements and Credit Allowances (Cont'd)
  - 2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)
    - (B) (Cont'd)

General Regulations (Cont'd)

- (10) Example Switched Access (Cont'd)
  - (b) Airline Mileages (Using National Exchange Carrier Association Tariff F.C.C. No. 4).

(T) (T)

- ETCA premises to ETCB premises = 22.1, rounded = 23
- (c) Local Transport charges for 10,220 access minutes

(T)

- Assume ETCA rate for Local Transport mileband of over 16 to 25 miles is \$0.0120 per access minute
- Assume ETCA Billing Percentage (BP) is 57%

(T)

- Assume ETCB rate for Local Transport mileband of over 16 to 25 miles is \$0.0125 per access minute
- Assume ETCB Billing Percentage (BP) is 43%

(T)

Formula:

ETCA Local = Access Minutes X ETCA Rate X ETCA Billing Percentage
Transport 100
Charge

(T)

Calculation of Transport Charges

ETCA Local Transport = 10,220 X \$0.0120 X 57% = \$69.90 Charge

(T)

ETCB Local Transport = **10,220** X \$0.0125 X **43**% = **\$54.93** Charge

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Public Service Commission

ISSUED: November 29, 2000 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101

EFFECTIVE:
December 29, 2000
Missouri Public
Service Commission

FILED DEC 29 2000

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#### ACCESS SERVICE

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2. <u>General Regulations</u> (Cont'd)

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- 2.4 Payment Arrangements and Credit Allowances (Control Service Commission
  - 2.4.8 Ordering, Rating and Billing of Access Services Where More Than
    One Exchange Telephone Company or Rate Schedule is Involved
    (Cont'd)
    - (B) (Cont'd)
    - (10) Example Switched Access (Cont'd)
      - (b) Airline Mileages (Using Exchange Carrier Association Tariff).
        - ETCA premises to ETCB premises = 22.1, rounded = 23
      - (c) Local Transport charges for 9000 access minutes
        - Assume ETCA rate for Local Transport mileband of over 16 to 25 miles is \$0.0120 per access minute
        - Assume ETCA Billing Percentage (BP) is 57
        - Assume ETCB rate for Local Transport mileband of over 16 to 25 miles is \$0.0125 per access minute
        - Assume ETCB Billing Percentage (BP) is 43
        - Formula:

ETCA Local = Access Minutes X ETCA Rate X ETCA Billing Percentage
Transport 100

- Calculation of Transport Charges

ETCA Local Transport = 9000 X \$0.0120 X 57 = \$61.56 Charge

ETCB Local Transport = 9000 X \$0.0125 X  $\frac{43}{100}$  = \$48.38 Charge

## **CANCELLED**

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Public Service Commission

MISSOURI

FILED

110V 7 1992

ISSUED: September 17, 1992

BY: John L. Roe
Vice President - Administration
5454 West 110th Street
Overland Park, Kansas 66211

EFFECTIVE:

NOV 7 1992

SPRINT MISSOURI, INC. d/b/a SPRINT

First Revised Page 72.1 Cancels Original Page 72.1

#### **ACCESS SERVICE**

- 2. General Regulations (Cont'd)
  - 2.4 Payment Arrangements and Credit Allowances (Cont'd)
    - 2.4.9 Service Performance Provisioning Guarantee
      - (A) General

The Telephone Company assures that orders for certain Access Services, as specified in (B) following, will be installed and available for customer use no later than the Firm Order *Confirmation* (FOC) date.

(T)

When the failure to meet a FOC date for installation of these services is solely the Telephone Company's responsibility, the associated nonrecurring charges shall be credited to the customer. The nonrecurring charges will be credited at the rate at which they were billed, however, the credit will not be provided if a credit of the same nonrecurring charge for the same service is provided under other provisions of this tariff. The credit of applicable nonrecurring charges for installations not completed by the FOC date is an exclusive remedy and is in lieu of any other claims described in Section 2.1.3 preceding.

## (B) Services Subject to Credit

Service Performance Provisioning Guarantee is available for all Switched Access Services and for the following Special Access Services:

Program Audio Service Voice Grade Service Digital Data Service High Capacity Service UNITED TELEPHONE COMPANY OF MISSOURI D/B/A SPRINT

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#### ACCESS SERVICE

2. General Regulations (Cont'd)

- MISSOUR: Public Service Commission
- 2.4 Payment Arrangements and Credit Allowances (Cont'd)
  - 2.4.9 Service Performance Provisioning Guarantee
    - (A) General

The Telephone Company assures that orders for certain Access Services, as specified in (B) following, will be installed and available for customer use no later than the Firm Order Commitment (FOC) date.

When the failure to meet a FOC date for installation of these services is solely the Telephone Company's responsibility, the associated nonrecurring charges shall be credited to the customer. The nonrecurring charges will be credited at the rate at which they were billed, however, the credit will not be provided if a credit of the same nonrecurring charge for the same service is provided under other provisions of this tariff. The credit of applicable nonrecurring charges for installations not completed by the FOC date is an exclusive remedy and is in lieu of any other claims described in Section 2.1.3 preceding.

(B) Services Subject to Credit

Service Performance Provisioning Guarantee is available for all Switched Access Services and for the following Special Access Services:

Program Audio Service Voice Grade Service Digital Data Service High Capacity Service

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ISSUED: November 13, 1996 EFFECTIVE: December 16, 1996

By: John L. Roe
Vice President - Carrier and Regulatory Services
5454 West 110th Street
Overland Park, Kansas 66211

2. General Regulations (Cont'd)

- (N)
- Payment Arrangements and Credit Allowances (Cont'd)
  - 2.4.9 Service Performance Provisioning Guarantee
    - (C) When a Credit Allowance Does Not Apply

Nonrecurring charge credits under the Service Performance Provisioning Guarantee will not be made:

- (1) When customer actions prevent or inhibit installation of the service (e.g., the customer's premises is inaccessible, the customer changes interface requirements, or the customer is not ready to accept the service).
- (2) When other Telephone Companies are involved in the service installation.
- (3) When the service is provided under the Special Construction or Specialized Services or Arrangements sections of this tariff.
- (4) During a declared national emergency, where priority installation of National Security Emergency Preparedness (NSEP) telecommunications services shall take precedence.

(N)

(5) During natural disasters, work stoppages, civil disturbances, criminal actions; or by fire, flooding or other occurrences attributed to an Act of God. SPRINT MISSOURI, INC. d/b/a SPRINT

Third Revised Page 73 Cancels Second Page 73

#### **ACCESS SERVICE**

## 2. General Regulations (Cont'd)

### 2.5 Connections

#### 2.5.1 General

Equipment and Systems (i.e., terminal equipment, multiline terminating systems and communications systems) may be connected with Switched and Special Access Service furnished by the Telephone Company where such connection is made in accordance with the provisions specified in Technical Reference Publications *PUB* AS No. 1 and in 2.1 preceding.

(T)

#### 2.6 Definitions

Certain terms used herein are defined as follows:

## Access Code

The term "Access Code" denotes a uniform seven digit code assigned by the Telephone Company to an individual customer. The seven digit code has the form 101-XXXX, 950-0XXX, 950-1XXX, or 950-00XX. The 100-XXXX access code will be provided where technically feasible.

#### Access Minutes

The term "Access Minutes" denotes that usage of exchange facilities in intrastate service for the purpose of calculating chargeable usage. On the originating end of an intrastate call, usage is measured from the time the originating end user's call is delivered by the Telephone Company to and acknowledged as received by the customer's facilities connected with the originating exchange. On the terminating end of an intrastate call, usage is measured from the time the call is received by the end user in the terminating exchange. Timing of usage at both originating and terminating ends of an intrastate call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating exchanges, as applicable.

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#### ACCESS SERVICE

### 2. <u>General Regulations</u> (Cont'd)

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#### 2.5 Connections

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#### 2.5.1 General

Equipment and Systems (i.e., terminal equipment, multiline terminating systems and communications systems) may be connected with Switched and Special Access Service furnished by the Telephone Company where such connection is made in accordance with the provisions specified in Technical Reference Publications AS No. 1 and in 2.1 preceding.

#### 2.6 Definitions

Certain terms used herein are defined as follows:

#### Access Code

The term "Access Code" denotes a uniform seven digit code assigned by the Telephone Company to an individual customer. The seven digit code has the form 101XXXX, 950-0XXX, 950-1XXX, or 950-00XX.

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#### Access Minutes

The term "Access Minutes" denotes that usage of exchange facilities in intrastate service for the purpose of calculating chargeable usage. On the originating end of an intrastate call, usage is measured from the time the originating end user's call is delivered by the Telephone Company to and acknowledged as received by the customer's facilities connected with the originating exchange. On the terminating end of an intrastate call, usage is measured from the time the call is received by the end user in the terminating exchange. Timing of usage at both originating and terminating ends of an intrastate call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating exchanges, as applicable.

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Public Service Communication
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AUG 03 1998

MISSOURI Public Service Commission

ISSUED: July 2, 1998 BY: Richard Lawson
State Executive, External Affairs
319 Madison
Jefferson City, MO 65101

EFFECTIVE: August 3, 1998

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ACCESS SERVICE

2. <u>General Regulations</u> (Cont'd)

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2.5 <u>Connections</u>

2.5.1 General

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Equipment and Systems (i.e., terminal equipment, multiline terminating systems and communications systems) may be connected with Switched and Special Access Service furnished by the Telephone Company where such connection is made in accordance with the provisions specified in Technical Reference Publications AS No. 1 and in 2.1 preceding.

2.6 Definitions

Certain terms used herein are defined as follows:

#### Access Code

The term "Access Code" denotes a uniform five or seven digit code assigned by the Telephone Company to an individual customer. The five digit code has the form 10XXX, and the seven digit code has the form 101-XXXX, 950-0XXX, 950-1XXX, or 950-00XX. The 100-XXXX access code will be provided where technically feasible.

Access Minutes

The term "Access Minutes" denotes that usage of exchange facilities in intrastate service for the purpose of calculating chargeable usage. On the originating end of an intrastate call, usage is measured from the time the originating end user's call is delivered by the Telephone Company to and acknowledged as received by the customer's facilities connected with the originating exchange. On the terminating end of an intrastate call, usage is measured from the time the call is received by the end user in the terminating exchange. Timing of usage at both originating and terminating ends of an intrastate call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating exchanges, as applicable.

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AUG 03 1998

Public Service Commission

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JUL 1 5 1995

MISSOURI Public Service Commission

ISSUED: June 5, 1995

By: John L. Roe
Vice President - Carrier and Regulatory Services
5454 West 110th Street
Overland Park, Kansas 66211

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ACCESS SERVICE

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2. <u>General Regulations</u> (Cont'd)

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2.5 <u>Connections</u>

2.5.1 General

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Public Service Commission

Equipment and Systems (i.e., terminal equipment, multiline terminating systems and communications systems) may be connected with Switched and Special Access Service furnished by the Telephone Company where such connection is made in accordance with the provisions specified in Technical Reference Publications AS No. 1 and in 2.1 preceding.

#### 2.6 <u>Definitions</u>

Certain terms used herein are defined as follows:

#### Access\_Code

The term "Access Code" denotes a uniform five or seven digit code assigned by the Telephone Company to an individual customer. The five digit codes has the form 10XXX, and the seven digit code has the form 950-0XXX or 950-1XXX.

#### Access\_Minutes

The term "Access Minutes" denotes that usage of exchange facilities in intrastate service for the purpose of calculating chargeable usage. On the originating end of an intrastate call, usage is measured from the time the originating end user's call is delivered by the Telephone Company to and acknowledged as received by the customer's facilities connected with the originating exchange. On the terminating end of an intrastate call, usage is measured from the time the call is received by the end user in the terminating exchange. Timing of usage at both originating and terminating ends of an intrastate call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating exchanges, as applicable.

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ISSUED: September 17, 1992 BY: John L. Roe
Vice President - Administration
5454 West 110th Street
Overland Park, Kansas 66211

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#### ACCESS SERVICE

#### 2. General Regulations (Cont'd)

#### 2.6 Definitions (Cont'd)

#### Access Tandem

The term "Access Tandem" denotes a Telephone Company switching system that provides a concentration and distribution function for originating or terminating traffic between end offices and a customer's premises.

Account (N)

The term "Account" denotes the set of billing information for a customer. Each account is uniquely identified by the billing account number (BAN) located on either the customer's bill or service record.

#### Aggregator

The term "Aggregator" denotes any individual, partnership, association, joint-stock company, trust, governmental entity or corporation as defined under Part 64.708(b) of the Federal Communications Commission's Rules.

#### Alternate Billing Service

Alternate Billing Service (ABS) provides end users the ability to bill calls to an account not necessarily asociated with the originating line.

#### Answer/Disconnect Supervision

The term "Answer/Disconnect Supervision" denotes the transmission of the switch trunk equipment supervisory signal (off-hook or on-hook) to the customer's point of termination as an indication that the called party has answered or disconnected.

#### Answer Message

Denotes an SS7 message sent in the backward direction to indicate that the call has been answered.

#### Attenuation Distortion

The term "Attenuation Distortion" denotes the difference in loss at specified frequencies relative to the loss at 1004 Hz, unless otherwise specified.

ISSUED: Richard D. Lawson EFFECTIVE:
December 23, 1993 State Executive, External Affairs January 24, 1994

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#### ACCESS SERVICE

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#### 2. General Regulations (Cont'd)

#### 2.6 <u>Definitions</u> (Cont'd)

MISSOURI Public Service Commission

#### Access Tandem

The term "Access Tandem" denotes a Telephone Company switching system that provides a concentration and distribution function for originating or terminating traffic between end offices and a customer's premises.

#### Answer/Disconnect Supervision

The term "Answer/Disconnect Supervision" denotes the transmission of the switch trunk equipment supervisory signal (off-hook or on-hook) to the customer's point of termination as an indication that the called party has answered or disconnected. CANCELLED

#### Attenuation Distortion

The term "Attenuation Distortion" denotes the difference in 1994 at specified frequencies relative to the loss at 1004 HzjAnnress otherwise specified.

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By Service Commission

Public Service MISSOURI

The term "Balance (100 Type) Test Line" denotes an arrangement in an end office which provides for balance and noise testing.

#### <u>Bit</u>

The term "Bit" denotes the smallest unit of information in the binary system of notation.

#### Business Day

The term "Business Day" denotes the times of day that a company is open for business. Generally, in the business community, these are 8:00 or 9:00 A.M. to 5:00 or 6:00 P.M., respectively, with an hour for lunch, Monday through Friday, resulting in an standard forty (40) hour work week. However, Business Day hours for the Telephone Company may vary based on company policy, union contract and location. To determine such hours for the Telephone Company, or company location, that company should be contacted at the address shown under the Issuing Carrier(s) name listed on Title Page 2 preceding. 民主的

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KO. FULLIC BLICKUR STIMA

ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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UNITED TELEPHONE COMPANY OF MISSOURI d/b/a SPRINT

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#### ACCESS SERVICE

#### 2. General Regulations (Cont'd)

#### 2.6 Definitions (Cont'd)

#### Balance (100 Type) Test Line

The term "Balance (100 Type) Test Line" denotes an arrangement in an end office which provides for balance and noise testing.

#### Billed Number Screening (BNS)

Billed number screening is a process which utilizes a data base to determine specific characteristics and/or customer preferences on a billed line number. Examples would include, whether or not the line is a pay telephone and whether the billed customer associated with the line will accept a collect call.

(T)

#### Bit

The term "Bit" denotes the smallest unit of information in the binary system of notation.

#### Business Day

The term "Business Day" denotes the times of day that a company is open for business. Generally, in the business community, these are 8:00 or 9:00 A.M. to 5:00 or 6:00 P.M., respectively, with an hour for lunch, Monday through Friday, resulting in an standard forty (40) hour work week. However, Business Day hours for the Telephone Company may vary based on company policy, union contract and location. determine such hours for the Telephone Company, or company location, that company should be contacted at the address shown under the Issuing Carrier(s) name listed on Title Page 2 preceding.

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OF MISSOURI

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#### 2. General Regulations (Cont'd)

#### 2.6 <u>Definitions</u> (Cont'd)

# MISSOURI Public Service Commission

#### Balance (100 Type) Test Line

The term "Balance (100 Type) Test Line" denotes an arrangement in an end office which provides for balance and noise testing.

#### Billed Number Screening (BNS)

Billed number screening is a process which utilizes a data base to determine specific characteristics and/or customer preferences on a billed line number. Examples would include, whether or not the line is a public telephone and whether the billed customer associated with the line will accept a collect call.

#### Bit

The term "Bit" denotes the smallest unit of information in the binary system of notation.

#### Business Day

The term "Business Day" denotes the times of day that a company is open for business. Generally, in the business community, these are 8:00 or 9:00 A.M. to 5:00 or 6:00 P.M., respectively, with an hour for lunch, Monday through Friday, resulting in an standard forty (40) hour work week. However, Business Day hours for the Telephone Company may vary based on company policy, union contract and location. To determine such hours for the Telephone Company, or company location, that company should be contacted at the address shown under the Issuing Carrier(s) name listed on Title Page 2 preceding.

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MISSOURI Public Service Commission

ISSUE DATE: December 23, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE DATE: January 24, 1994 SPRINT MISSOURI, INC. d/b/a SPRINT

Cancels First Revised Page 75

#### **ACCESS SERVICE**

- 2. <u>General Regulations</u> (Cont'd)
  - 2.6 <u>Definitions</u> (Cont'd)

#### Call

The term "Call" denotes a customer attempt for which the complete address (D) code (e.g., o-, 911, or 10 digits) is provided to the serving dial tone office.

#### Carrier or Common Carrier

See Interexchange Carrier.

### Carrier Access Code (CAC)

The term "Carrier Access Code" denotes a uniform seven-digit code assigned by the Telephone Company to an individual customer. The seven-digit code has the form 101XXXX, 950-XXXX, 950-1XXX, 950-10XX or 950-00XX. The 101XXXX access code will be provided where

technically feasible.

### Carrier Identification Code (CIC)

The term "Carrier Identification Code" denotes numeric codes that are assigned to an IC for use with Feature Groups B and/or D Switched Access Service.

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#### Carrier Identification Parameter

The term "Carrier Identification Parameter (CIP)" denotes a field in the SS7 initial address message that identifies and forwards Carrier Identification Code information to an interexchange carrier.

#### CCS

The term "CCS" denotes a hundred call seconds, which is a standard unit of traffic load that is equal to 100 seconds of usage or capacity of a group of servers (e.g., trunks).

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ISSUED: November 29, 2000 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: December 29, 2000 UNITED TELEPHONE COMPANY OF MISSOURI d/b/a SPRINT

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#### ACCESS SERVICE

#### 2. <u>General Regulations</u> (Cont'd)

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#### 2.6 <u>Definitions</u> (Cont'd)

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#### Busy Hours Minutes of Capacity (BHMC)

The term "Busy Hours Minutes of Capacity (BHMC)" denotes the customer specified maximum amount of Switched Access Service and/or Directory Assistance Service access minutes the customer expects to be handled in an end office switch during any hour in an 8:00 a.m. to 11:090 p.m. period for the Feature Group and/or Directory Assistance Service ordered. This customer furnished BHMC quantity is the input data the Telephone Company uses to determine the number of transmission paths for the Feature Group and/or Directory Assistance Service ordered.

#### Call

The term "Call" denotes a customer attempt for which the complete address code (e.g., o-, 911, or 10 digits) is provided to the serving dial tone office.

#### Carrier or Common Carrier

See Interexchange Carrier.

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MISSOURI Public Service Commission

ISSUED: September 4, 1997

BY: John L. Roe

VP - Carrier and Regulatory Services
5454 West 110th Street

Overland Park, Kansas 66211

EFFECTIVE: October 6, 1997

Original Page 75

ACCESS SERVICE

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2. General Regulations (Cont'd) SEP 17 1992

2.6 <u>Definitions</u> (Cont'd)

MISSOURI Public Service Commission

Busy Hour Minutes of Capacity (BHMC)

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#### Call

The term "Call" denotes 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

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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#### ACCESS SERVICE

#### 2. General Regulations (Cont'd)

### Definitions (Cont'd)

#### Central Office

The term "Central Office" denotes 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.

#### Central Office Prefix

The term "Central Office Prefix" denotes the first three digits (NXX) of the seven digit telephone number assigned to a customer's Telephone Exchange Service when dialed on a local basis.

#### Centralized Automatic Reporting on Trunks Testing

The term "Centralized Automatic Reporting on Trunks Testing" denotes a type of testing which includes the capacity for measuring operational and transmission parameters.

#### Channel

The term "Channel(s)" denotes an electrical or photonic, in the case of fiber optic-basesd transmission systems, communications path between two or more points of termination.

#### Channel Service Unit

The term "Channel Service Unit" denotes equipment which performs one or more of the following functions: termination of a digital facility, regeneration of digital signals, detection and/or correction of signal format errors and remote loop back.

#### Channelize

The term "Channelize" denotes the process of multiplexing/ demultiplexing wider bandwidth or higher speed channels into narrower bandwidth or lower speed channels.

#### Clear Channel Capability

The term "Clear Channel Capability" denotes the transport of twenty-four, 64 Kbps channels over a 1.544 Mbps High Capacity Service via B8ZS line code format.

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ISSUED:

Richard D. Lawson February 28, 1995 State Executive, External Affairs March 31, 1995

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ACCESS SERVICE

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#### 2. General Regulations (Cont'd)

#### 2.6 <u>Definitions</u> (Cont'd)

# MISSOURI Public Service Commission

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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ACCESS SERVICE

2. General Regulations (Cont'd)

Definitions (Cont'd)

<u>C-Message Noise</u>
The term "C-Message Noise" denotes the frequency weighted average noise within an idle voice channel. The frequency weighting, called C-message, is used to simulate the frequency character-istic of the 500-type telephone set and the hearing of the average subscriber.

#### C-Notched Noise

The term "C-Notched Noise" denotes the C-message frequency weighted noise on a voice channel with a holding tone, which is removed at the measuring end through a notch (very narrow band) filter.

Common Line

(D) The term "Common Line" denotes a line, trunk, pay telephone line or other facility provided under the general and/or local exchange service tariffs of the (D)

Telephone Company, terminated on a central office switch. A common line-residence is a line or trunk provided under the residence regulations of the general and/or local exchange service tariffs. common line-business is a line provided under the business regulations of the general and/or local exchange service tariffs.

#### Communications System

The term "Communications System" denotes channels and other facilities which are capable of communications between terminal equipment provided by other than the Telephone Company.

#### Customer(s)

The term "Customer(s)" denotes any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or any other entity which subscribes to the services offered under this tariff, including both Interexchange Carriers (ICs) and end users. For purposes of this tariff, Local Exchange Carriers that participate in the Primary Carrier by Toll Center Plan are included in this definition.

ISSUED:

Richard D. Lawson January 15, 1997 State Executive, External Affairs April 15, 1997

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#### ACCESS SERVICE

SEP 17 1992

#### 2. General Regulations (Cont'd)

#### 2.6 <u>Definitions</u> (Cont'd)

# MISSOURI Public Service Commission

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### C-Notched Noise

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#### Coin Station

The term "Coin Station" denotes a location where Telephone Company equipment is provided in a public or semipublic place, where welephone Company customers can originate telephonic communications and pay the applicable charges by inserting coins into the equipment.

Common Line

The term "Common Line" denotes a line, trunk, pay telephone tingound other facility provided under the general and/or local extrapolation tariffs of the Telephone Company, terminated on a control where switch. A common line-residence is a line or trunk provided under the residence regulations of the general and/or local exchange service tariffs. A common line-business is a line provided under the business regulations of the general and/or local exchange service tariffs.

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211



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#### 2. General Regulations (Cont'd)

Definitions (Cont'd)

Data Transmission (107 Type) Test Line
The term "Data Transmission (107 Type) Test Line" denotes an arrangement which provides for a connection to a signal source which provides test signals for one-way testing of data and voice transmission parameters.

#### Decibel

The term "Decibel" denotes a unit used to express relative difference in power, usually between acoustic or electric signals, equal to ten (10) times the common logarithm of the ratio of two signal powers.

# Decibel Reference Noise C-Message Weighting

The term "Decibel Reference Noise C-Message Weighting" denotes noise power measurements with C-Message weighting in decibels relative to a reference 1000 Hz tone of 90 dB below 1 milliwatt.

# Decibel Reference Noise C-Message Referenced to 0

The term "Decibel Reference Noise C-Message Referenced to 0" denotes noise power in "Decibel Reference Noise C-Message Weighting" referred to or measured at a zero transmission level point.

# Detail Billing

The term "Detail Billing" denotes the listing of each message and/or rate element for which charges to a customer are due on a bill prepared by the Telephone Company.

#### Directory Assistance (Intrastate)

The term "Directory Assistance" denotes the provision of telephone numbers by a Telephone Company operator when the operator location is accessed by a customer premises by sending appropriate signals, i.e. offhook, 411, 1411, 555-1212 or (NPA) 555-1212.

ISSUED:

Richard D. Lawson September 17, 1992 State Executive, External Affairs November 7, 1992

EFFECTIVE:

#### 2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Directory Assistance Location (Intrastate)
The term "Directory Assistance Location" denotes a
Telephone Company office where Telephone Company
equipment first receives the Directory Assistance call
from a customer's premises and selects the first
operator position to respond to the Directory
Assistance call.

#### Dual Tone Multifrequency Address Signaling

The term "Dual Tone Multifrequency Address Signaling" denotes a type of signaling that is an optional feature of Switched Access Feature Group A. It may be utilized when Feature Group A is being used in the terminating direction (from the point of termination with the customer to the local exchange end office). An office arranged for Dual Tone Multi-frequency Signaling would expect to receive address signals from the customer in the form of Dual Tone Multifrequency signals.

## Echo Control

The term "Echo Control" denotes the control of reflected signals in a telephone transmission path.

#### Echo Path Loss

The term "Echo Path Loss" denotes the measure of reflected signal at a 4-wire point of interface without regard to the send and receive Transmission Level Point.

#### Echo Return Loss

The term "Echo Return Loss" denotes a frequency weighted measure of return loss over the middle of the voiceband (approximately 500 to 2500 Hz), where talker echo is most annoying.

#### Effective 2-Wire

The term "Effective 2-Wire" denotes a condition which permits the simultaneous transmission in both directions over a channel, but it is not possible to insure independent information transmission in both directions. Effective 2-wire channels may be terminated with 2-wire or 4-wire interfaces.

ISSUED: September 17, 1992 Richard D. Lawson

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State Executive, External Affairs

November

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ACCESS SERVICE

# 2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Effective 4-Wire

The term "Effective 4-Wire" denotes a condition which permits the simultaneous independent transmission of information in both directions over a channel. The method of implementing effective 4-wire transmission is at the discretion of the Telephone Company (physical, time domain, frequency-domain separation or echo cancellation techniques). Effective 4-wire channels may be terminated with a 2-wire interface at the customer's premises. However, when terminated 2-wire, simultaneous independent transmission cannot be supported because the two wire interface combines the transmission paths into a single path.

End Office Switch

The term "End Office Switch" denotes a local Telephone Company switching system where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to trunks. Included are Remote Switching Modules (RSM) and Remote Switching Systems (RSS) served by a host office in a different wire center.

End User

The term "End User" denotes 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.

ISSUED: March 27, 1996 29, 1996 Richard D. Lawson

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#### ACCESS SERVICE

### 2. General Regulations (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

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#### Effective 4-Wire

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#### 800 Service Management System

The term "800 Service Management System" (800 SMS) denotes the main operations support system used to create and update 800 service records in the national 800 data base.

# 800 Service Provider

The term "800 Service Provider" denotes a telecommunications empany, including local exchange carriers and interexchange carrier, or a reseller of exchange or interexchange services that offers 800 service to end users.

#### End Office Switch

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# Entry Switch

See First Point of Switching.

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ISSUED: March 31, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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#### ACCESS SERVICE

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2. General Regulations (Cont'd) SEP 171992

2.6 <u>Definitions</u> (Cont'd)

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# Effective 4-Wire

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Entry Switch

See First Point of Switching.

The term "Envelope Delay Distortion" denotes a measure of MASQ Thearity of the phase versus frequency of a channel.

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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#### ACCESS SERVICE

# 2. General Regulations (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

Envelope Delay Distortion

The term "Envelope Delay Distortion" denotes a measure of the linearity of the phase versus frequency of a channel.

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# Equal Access End User Restriction Service

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The term "Equal Access End User Restriction Service" denotes a service offering whereby an end user's ability to access the facilities of an Interexchange Carrier (IC) may be restricted at the request of the IC.

### Equal Level Echo Path Loss

The term "Equal Level Echo Path Loss" (ELEPL) denotes the measure of Echo Path Loss (EPL) at a 4-wire interface which is corrected by the difference between the send and receive Transmission Level Point (TLP) [ELEPL = EPL - TLP (send) + TLP (receive)].

## Exchange

The term "Exchange" denotes 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. One or more designated exchanges comprise a given local access and transport area.

#### Expected Measured Loss

The term "Expected Measured Loss" denotes a calculated loss which specifies the end-to-end 1004-Hz loss on a terminated test connection between two readily accessible manual or remote test points. It is the sum of the inserted connection loss and test access loss including any test pads.

# Field Identifier

The term "Field Identifiers" denotes two to four characters that are used on service orders to convey specific instructions. Field Identifiers may or may not have associated data. Selected field identifiers are used in telephone Company billing systems to generate nonrecurring charges.

ISSUED: March 31, 1993 1, 1993 Richard D. Lawson Extate Executive, External Affairs

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#### ACCESS SERVICE

#### 2. General Regulations (Cont'd)

#### 2.6 Definitions (Cont'd)

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MISSOURI Public Service Commission

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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2. General Regulations (Cont'd)

2.6 <u>Definitions</u> (Cont'd) First-Come, First-Served

The term "First-Come, First-Served" denotes a procedure followed when the first service order received will be the first service order processed.

# First Point of Switching

The term "First Point of Switching" denotes 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 customer premises.

## Frequency Shift

The term "Frequency Shift" denotes the change in the frequency of a tone as it is transmitted over a channel.

#### Grandfathered

The term "Grandfathered" denotes Terminal Equipment, Multiline Terminating Systems Protective Circuitry directly connected to the facilities utilized to provide services under the provisions of this tariff, and which are considered grandfathered under Part 68 of the F.C.C.'s Rules and Regulations.

#### Host Office

The term "Host Office" denotes an electronic switching system which provides call processing capabilities for one or more Remote Switching Modules or Remote Switching Systems.

ICB

See Individual Case Basis

# Immediately Available Funds

The term "Immediately Available Funds" denotes a corporate or personal check drawn on a bank account and funds which are available for use by the receiving party on the same day on which they are received and includes 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.

ISSUED: September 17, 1992 7, 1992 Richard D. Lawson

EFFECTIVE:

State Executive, External Affairs

### 2. General Regulations (Cont'd)

# 2.6 Definitions (Cont'd) Impedance Balance

The term "Impedance Balance" denotes the method of expressing Echo Return Loss and Singing Return Loss at a 4-wire interface whereby the gains and/or loss of the 4 wire portion of the transmission path, including the hybrid, are not included in the specification.

## Impulse Noise

The term "Impulse Noise" denotes any momentary occurrence of the noise on a channel over a specified level threshold. It is evaluated by counting the number of occurrences which exceed the threshold.

#### Individual Case Basis

The term "Individual Case Basis" denotes 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.

#### Inserted Connection Loss

The term "Inserted Connection Loss" denotes the 1004 Hz power difference (in dBs) between the maximum power available at the originating end and the actual power reaching the terminating end through the inserted connection.

# $\frac{\hbox{\tt Interexchange Carrier (IC) or Interexchange Common}}{\hbox{\tt Carrier}}$

The terms "Interexchange Carrier" (IC) or "Interexchange Common Carrier" denotes any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged for hire in intrastate communication by wire or radio, between two or more exchanges, whether on their own facilities or by reselling the facilities or service of others.

#### Intermodulation Distortion

The term "Intermodulation Distortion" denotes a measure of the non-linearity of a channel. It is measured using four tones, and evaluating the ratios (in dBs) of the transmitted composite four-tone signal power to the second-order products of the tones (R2), and the third-order products of the tones (R3).

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#### ACCESS SERVICE

#### 2. General Regulations (Cont'd)

# 2.6 Definitions (Cont'd)

# Intrastate Communications

The term "Intrastate Communications" denotes any communications within a state subject to oversight by a state regulatory commission as provided by the laws of the state involved.

### Jointly Provided WATS Service

Jointly provided WATS Service is an arrangement between the Telephone Company and as interexchange customer (IC). This arrangement provides end user billing of intraLATA WATS/TFC usage at the intraLATA WATS/TFC rates filed by or concurred in by the Telephone Company.

# Line Information Data Base

The Line Information Data Base (LIDB) is a data base containing billing validation data to support Alternate Billing Services.

# Line Side Connection

The term "Line Side Connection" denotes a connection of a transmission path to the line side of a local exchange switching system.

## Local Access and Transport Area (LATA)

The term "Local Access and Transport Area" denotes 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. For the purposes of this tariff Geographical Market Area (GMA) and LATA are intended to be interchangeable.

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#### ACCESS SERVICE

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## 2. <u>General Regulations</u> (Cont'd)

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# 2.6 <u>Definitions</u> (Cont'd)

MISSOURI Public Service Commission

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ISSUE DATE: December 23, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE DATE: January 24, 1994

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#### ACCESS SERVICE

# 2. General Regulations (Cont'd)

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2.6 <u>Definitions</u> (Cont'd)

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### Intrastate Communications

MISSOURI Public Service Commission

The term "Intrastate Communications" denotes any communications within a state subject to oversight by a state regulatory commission as provided by the laws of the state involved.

#### Jointly Provided WATS Service

Jointly provided WATS Service is an arrangement between the Telephone Company and as interexchange customer (IC). This arrangement provides end user billing of intraLATA WATS/800 usage at the intraLATA WATS/800 rates filed by or concurred in by the Telephone Company.

## Line Side Connection

The term "Line Side Connection" denotes a connection of a transmission path to the line side of a local exchange switching system.

#### Local Access and Transport Area (LATA)

The term "Local Access and Transport Area" denotes 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. For the purposes of this tariff Geographical Market Area (GMA) and LATA are intended to be interchangeable.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

#### 2. General Regulations (Cont'd)

# 2.6 Definitions (Cont'd)

# Local Calling Area

The term "Local Calling Area" denotes a geographical area, as defined in the Telephone Company's Local and/or General Exchange Service tariff, in which an end user (Telephone Exchange Service subscriber) may complete a call without incurring MTS charges.

## Local Exchange Carriers (LECs)

The terms "Local Exchange Carrier" denotes the certificated provider of basic local exchange telephone service.

#### Local Tandem Switch

The term "Local Tandem Switch" denotes a local Telephone Company switching unit by which local or access telephonic communications are switched to and from an End Office Switch.

#### Loop Around Test Line

The term "Loop Around Test Line" denotes 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.

#### Loss Deviation

The term "Loss Deviation" denotes the variation of the actual loss from the designed value.

#### Major Fraction Thereof

The term "Major Fraction Thereof" is any period of time in excess of 1/2 of the stated amount of time. As an example, in consid-ering a period of 24 hours, a major fraction thereof would be any period of time in excess of 12 hours exactly. Therefore, if a given service is interrupted for a period of thirty six hours and fifteen minutes, the customer would be given a credit allowance for two twenty-four hour periods for a total of forty eight hours.

#### Message

The term "Message" denotes a "call" as defined preceding.

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#### ACCESS SERVICE

#### 2. General Regulations (Cont'd)

#### 2.6 Definitions (Cont'd)

# Milliwatt (102 Type) Test Line

The term "Milliwatt (102 Type) Test Line" denotes an arrangement in an end office which provides a 1004 Hz tone at 0 dBm0 for one-way transmission measurements towards the customer's premises from the Telephone Company end office.

# Network Control Signaling

The term "Network Control Signaling" denotes the transmission of signals used in the telecommunications system which perform functions such as supervision (control, status, and charge signals), address signaling (e.g., dialing), calling and called number identifications, rate of flow, service selection error control and audible tone signals (call progress signals indicating reorder or busy conditions, alerting, coin denominations, coin collect and coin return tones) to control the operation of the telecommunications system.

(T) Network Data Report (T) Interexchange customers (ICs) providing TFC service jointly with the Telephone Company must provide to the (T)Telephone Company a TFC Network Data Report. (T) report shall reflect all TFC telephone numbers that may originate and terminate in the same state within (T) Telephone Company territory. Each TFC telephone number provided in the TFC Network Data Report will reflect a ten digits POTS telephone number (for calls completing on joint provided WATS Access Line Service) (T) to which the TFC Access Service traffic will complete. This report shall also reflect any time or day (T)sensitive routing information which the Telephone (T) company requires to accurately bill and an indicator of the type of termination that will be used in the (T) completion of the TFC call, i.e., common line, WATS Access Line, or other. The IC is required to provide this report before initial TFC Access Service is established. The IC is required to provide an updated TFC Network Data Report on a weekly basis unless the

ISSUED: March 27, 1996 29, 1996

Richard D. Lawson State Executive, External Affairs

Telephone Company and the IC agree that the ICs

either a more frequent or less frequent basis.

service activity requires provision of the report on

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#### ACCESS SERVICE

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# 2. <u>General Regulations</u> (Cont'd)

2.6 <u>Definitions</u> (Cont'd)

MISSOURI Public Service Commission

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#### Network Data Report

Interexchange customers (ICs) providing 800 service jointly with the Telephone Company must provide to the Telephone Company an 800 Network Data Report. This report shall reflect all 800 telephone numbers that may originate and terminate in the same state within Telephone Company territory. Each 800 telephone number provided in the 800 Network Data Report will reflect a ten digits POTS telephone number (for calls completing on joint provided WATS Access Line Service) to which the 800 Access Service traffic will complete. This report shall also reflect any time or day sensitive routing information which the Telephone company requires to accurately bill and an indicator of the type of termination that will be used in the completion of the 800 call, i.e., common line, WATS Access Line, or other. The IC is required to provide this report before initial 800 Access Service is established. The IC is required to provide an updated 800 Network Data Report on a weekly basis unless the Telephone Company and the IC agree that the ICs 800 service activity requires provision of the report on either a more frequent or less frequent basis. CANCELLED

ISSUED: September 17, 1992 BY: John L. Roe
Vice President - Administration
5454 West 110th Street
Overland Park, Kansas 66211

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# 2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Non-Jointly Provided WATS Service

At the option of the interexchange customer (IC) providing interLATA service to the end user, the IC may choose to not jointly provide WATS Service with the Telephone Company. If the WATS Service is not jointly provided, the Telephone Company will bill long distance message rates for intraLATA calls originated on interLATA-only WATS Access Lines.

#### Nonsynchronous Test Line

The term "Nonsynchronous Test Line" denotes an arrangement in step-by-step end offices which provides operational tests which are not as complete as those provided by the synchronous test lines, but can be made more rapidly.

#### North American Numbering Plan

The term "North American Numbering Plan" denotes a three-digit area (Numbering Plan Area) code and a seven-digit telephone number made up of a three-digit Central Office code plus a four-digit station number.

## Off-hook

The term "Off-hook" denotes the active condition of Switched Access or a Telephone Exchange Service line.

#### On-hook

The term "On-hook" denotes the idle condition of Switched Access or a Telephone Exchange Service line.

# Open Circuit Test Line

The term "Open Circuit Test Line" denotes 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.

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#### ACCESS SERVICE

### 2. General Regulations (Cont'd)

2.6 <u>Definitions</u> (Cont'd) Originating Direction

The term "Originating Direction" denotes the use of Access Service for the origination of calls from an end user premises to a customer premises.

## Pay Telephone

The term "Pay Telephone" denotes coin or coinless instruments and related facilities that are available to the general public for public convenience and necessity.

Phase Jitter (D)

The term "Phase Jitter" denotes the unwanted phase variations of a signal.

## Point of Termination

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

#### Premises

The term "Premises" denotes a building, or a portion of a building in a multitenant building, or buildings on continuous property (except Railroad Right-of-Way, etc.), not separated by a public highway.

#### Primary Toll Carrier

The following telephone companies are the Primary Toll Carriers, (all of which are Local Exchange Carriers) for intraLATA service under the Missouri Primary Carrier by Toll Center Plan filed with and as subsequently modified by the Commission: Fidelity, Contel, GTE North, Southwestern Bell and United Telephone.

#### Query

A query is a request for specific information generated by a computer processor and sent to a data base, with a predefined set of responses expected.

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State Executive, External Affairs

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2.6 Definitions (Cont'd)

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ISSUED: March 31, 1993

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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2. General Regulations (Cont'd)

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2.6 <u>Definitions</u> (Cont'd)

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The following telephone companies are the Primary Toll Carriers, (all of which are Local Exchange Carriers) for intraLATA service under the Missouri Primary Carrier by Toll Center Plan filed with and as subsequently modified by the Commission: Fidelity, Contel, GTE North, Southwestern Bell and United Telephone.

#### Remote Switching Modules and/or Remote Switching Systems

The term "Remote Switching Modules and/or Remote Switching Systems," denotes small, remotely controlled electronic end office switches which obtain their call processing capability from an ESS-type Host Office. The Remote Switching Modules and/or Remote Switching Systems cannotic accommodate direct trunks to a customer.

ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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#### ACCESS SERVICE

#### 2. General Regulations (Cont'd)

## 2.6 Definitions (Cont'd)

# Registered Equipment

The term "Registered Equipment" denotes the customer's premises equipment which complies with and has been approved within the Registration Provisions of Part 68 of the F.C.C.'s Rules and Regulations.

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#### Responsible Organization

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The term "Responsible Organization" denotes that entity which is responsible for the management and administration of a TFC service record in the TFC Service Management System.

#### Return Loss

The term "Return Loss" denotes a measure of the similarity between the two impedances at the junction of two transmission paths. The higher the return loss, the higher the similarity.

# Secondary Carrier

Secondary Carrier (SC): A Local Exchange Carrier that does not function as a toll carrier, is compensated for those services provided to Primary Toll Carriers, does not establish toll rates or retain toll revenues and bill end users for intraLATA toll calls at the rates the respective PTC sets.

#### Service Control Point

A Service Control Point (SCP) is a transaction processor based system that provides a network interface to various data base services.

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2. <u>General Regulations</u> (Cont'd)

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2.6 <u>Definitions</u> (Cont'd)

#### Registered Equipment

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#### Responsible Organization

The term "Responsible Organization" denotes that entity which is responsible for the management and administration of an 800 service record in the 800 Service Management System.

#### Return Loss

The term "Return Loss" denotes a measure of the similarity between the two impedances at the junction of two transmission paths. The higher the return loss, the higher the similarity.

#### Secondary Carrier

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# Service Control Point

A Service Control Point (SCP) is a transform processor based system that provides a network interference data base services.

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ISSUED: March 31, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE: May 1, 1993

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2. General Regulations (Cont'd) SEP 17 1992

2.6 Definitions (Cont'd)

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Secondary Carrier (SC): A Local Exchange Carrier that does not function as a toll carrier, is compensated for those services provided to Primary Toll Carriers, does not establish toll rates or retain toll revenues and bill end users for intraLATA toll calls at the rates the respective PTC sets.

#### Seven Digit Manual Test Line

The term "Seven Digit Manual Test Line" denotes an arrangement which allows the customer to select balance, milliwatt and sycchroneus test lines by manually dialing a seven digit number over the association. access connection.

Short Circuit Test Line

The term "Short Circuit Test Line" denotes an arrangement Service Commission office which provides for an ac short circuit termination of the cor line by means of a capacitor of at least four microfarads.

#### Signal-to-C-Notched Noise Ratio

The term "Signal-to-C-Notched Noise Ratio" denotes the ratio in dB of a test signal to the corresponding C-Notched Noise.

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BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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#### ACCESS SERVICE

# 2. General Regulations (Cont'd)

## 2.6 Definitions (Cont'd)

# Service Switching Point

An end office or tandem switch equipped with the signaling link hardware and software that can perform the Signal Point functions. In addition, SSPs can identify the need for application software in processing a Common Channel Signaling/ Signaling System 7 call and request and respond to call processing instructions issued by a Service Control Point.

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## Seven Digit Manual Test Line

The term "Seven Digit Manual Test Line" denotes an arrangement which allows the customer to select balance, milliwatt and synchronous test lines by manually dialing a seven digit number over the associated access connection.

#### Short Circuit Test Line

The term "Short Circuit Test Line" denotes 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.

### Signal-to-C-Notched Noise Ratio

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The term "Signal-to-C-Notched Noise Ratio" denotes the ratio in dB of a test signal to the corresponding C-Notched Noise.

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ACCESS SERVICE

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

Signal Transfer Point (STP)

The term "Signal Transfer Point" denotes a packet switch which provides CCS network access and performs CCS message routing and screening.

### Singing Return Loss

The term "Singing Return Loss" denotes the frequency weighted measure of return loss at the edges of the voiceband (200 to 500 Hz and 2500 to 3200 Hz), where singing (instability) problems are most likely to occur.

### Special Order

The term "Special Order" denotes an order for a Billing and Col-lection Service or an order for a Directory Assistance Service.

# Subtending End Office of an Access Tandem

The term "Subtending End Office of an Access Tandem" denotes an end office that has final trunk group routing through that tandem.

# Synchronous Test Line

The term "Synchronous Test Line" denotes an arrangement in an end office which performs marginal operational tests of supervisory and ring-tripping functions.

#### Terminating Direction

The term "Terminating Direction" denotes the use of Access Service for the completion of calls from a customer premises to an end user premises.

## Toll Free Code (TFC)

The term "Toll Free Code" denotes a three-digit Numbering Plan Area (NPA) or Area Code that is specifically assigned by the Telecommunications industry for use by Telecommunications Service Providers in the provision of telephone numbers that, unlike traditional telephone numbers and calls, when dialed are toll free to the orginating caller. The specific codes assigned and used, or reserved for use, for this purpose are 800, 822, 833, 844, 855, 866, 877, and 888.

Toll Free Code (TFC) Service Management System
The term "Toll Free Code Service Management System" (TFC SMS) denotes the main operations support system used to create and update TFC service records in the national TFC data base.

Toll Free Code (TFC) Service Provider
The term "Toll Free Code Service Provider" denotes a
telecommuni-cations company, including local exchange
carriers and inter-exchange carriers, or a reseller of exchange or interexchange services that offers TFC service to end users.

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2. <u>General Regulations</u> (Cont'd)

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2.6 <u>Definitions</u> (Cont'd)

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Signal Transfer Point (STP)

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The term "Special Order" denotes an order for a Billing and Collection Service or an order for a Directory Assistance Service.

#### Subtending End Office of an Access Tandem

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#### Synchronous Test Line

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#### Terminating Direction

The term "Terminating Direction" denotes the use of Access Service for the completion of calls from a customer premises to an end user premises.

#### Transmission Measuring (105 Type) Test Line/Responder

The term "Transmission Measuring (105 Type) Test Line/Responder" denotes an arrangement in an end office which provides far-end access to a responder and permits two-way loss and noise measurements to be made on trunks from a near end office.

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ISSUED: March 31, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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2. General Regulations (Cont'd) SEP 17 1992

2.6 Definitions (Cont'd)

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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#### ACCESS SERVICE

#### 2. General Regulations (Cont'd)

Definitions (Cont'd)

Transmission Measuring (105 Type) Test Line/Responder

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#### Transmission Path

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The term "Transmission Path" denotes 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 channels consisting of any form or configuration of facilities typically used in the telecommunications industry.

# Trunk

The term "Trunk" denotes a communications path connecting two switching systems in a network, used in the establishment of an end-to-end connection.

#### Trunk Group

The term "Trunk Group" denotes 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 term "Trunk Side Connection" denotes the connection of a transmission path to the trunk side of a local exchange switching system.

#### Two-Wire to Four-Wire Conversion

The term "Two-Wire to Four-Wire Conversion" denotes an arrangement which converts a four-wire transmission path to a two-wire transmission path to allow a fourwire facility to terminate in a two-wire entity (i.e., a central office switch).

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#### ACCESS SERVICE

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#### 2. General Regulations (Cont'd)

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2.6 Definitions (Cont'd)

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#### ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 <u>Definitions</u> (Cont'd)
Uniform Service Order Code

The term "Uniform Service Order Code" denotes a three or five character alphabetic, numeric, or a alphanumeric code that identifies a specific item of service or equipment. Uniform Service Order Codes are used in the Telephone Company billing system to generate recurring rates and nonrecurring charges.

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# V and H Coordinates Method

The term "V and H Coordinates Method" denotes a method of computing airline miles between two points by utilizing an established formula which is based on the vertical (V) and horizontal (H) coordinates of the two points.

# WATS Serving Office

The term "WATS Serving Office" denotes a telephone company designated serving wire center where switching, screening and/or recording functions are performed in connection with the closed-end of WATS or WATS-type services.

#### Wire Center

The term "Wire Center" denotes a building in which one or more central offices, used for the provision of Telephone Exchange Services, are located.

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#### ACCESS SERVICE

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#### 2. General Regulations (Cont'd)

#### 2.6 Definitions (Cont'd)

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#### Uniform Service Order Code

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#### United DigiLinks

The term United DigiLink denotes a digital transmission service designed to transmit signals, end to end, at speeds of 2.4, 4.8, 9.6, 19.2 or 56 kbps over digital facilities routed through the Telephone Company central offices.

#### United Translinks

The term United TransLink denotes a digital transmission service designed to transmit signals, end to end, at a speed of 1.544 Mbps, over digital facilities routed through the Telephone Company central offices.

### V and H Coordinates Method

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#### WATS Serving Office

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The term "WATS Serving Office" denotes a telephone company designated serving wire center where switching, screening and/or recording functions are performed in connection with the closed-end of WATS or WATS-type services.

#### Wire Center

By Struce Community of term "Wire Center" denotes a building in which one or more central public Service Community of term "Wire Center" denotes a building in which one or more central public Service Community of the provision of Telephone Furthern located.

Registered service mark of United Telecommunications, Inc.

MOV 7 1992

ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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First Revised Page 93 Cancels Original Page 93

#### ACCESS SERVICE

#### 3. Carrier Common Line Access Service

The Telephone Company will provide Carrier Common Line Access Service to customers.

#### 3.1 General Description

Carrier Common Line Access provides for the use of Telephone Company common lines by customers for access to such end users to furnish Intrastate Communications.

Carrier Common Line Access is provided where the customer obtains Telephone Company Switched Access Service under this tariff.

Switched Access Service is provided to ICs under this tariff which furnish intrastate MTS/WATS and MTS/WATS type service, and in an end office converted to equal access.

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In addition, a Special Access Surcharge will apply to intrastate special access service provided by the Telephone Company to a customer, in accordance with regulations as set forth in 7.4.2 following.

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ACCESS SERVICE

3. <u>Carrier Common Line Access Service</u>

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The Telephone Company will provide Carrier Common Line Access Service to customers.

### 3.1 General Description

Carrier Common Line Access provides for the use of Telephone Company common lines by customers for access to such end users to furnish Intrastate Communications.

Carrier Common Line Access is provided where the customer obtains Telephone Company Switched Access Service under this tariff.

Premium Access is (1) Switched Access Service provided to ICs under this tariff which furnish intrastate MTS/WATS and MTS/WATS type service, and (2) Switched Access Service in an end office converted to equal access.

The Telephone Company does not offer non-premium switched access service.

In addition, a Special Access Surcharge will apply to intrastate special access service provided by the Telephone Company to a customer, in accordance with regulations as set forth in 7.4.2 following.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President Administration 5454 West 110th Street Overland Park, Kansas, 66211

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#### 3. Carrier Common Line Access Service (Cont'd)

#### 3.2 Limitations

- A telephone number is not provided with Carrier Common Line (A)
- Detail billing is not provided for Carrier Common Line Access.
- Directory listings are not included in the rates and (C) charges for Carrier Common Line Access.
- Intercept arrangements are not included in the rates and (D) charges for Carrier Common Line Access.
- All line side connections provided in the same access group (E) will be limited to the same features and operating characteristics.
- All trunk side connections provided in the same access group will be limited to the same features and operating characteristics.
- (G) Where Special Access Services are connected with Special Access Services at Telephone Company Designated WATS serving offices for the provisioning of WATS or WATS-type Services, Switched Access Service minutes which are carried on that service (i.e., originating minutes for outward WATS and WATS-type services and terminating minutes for inward WATS and WATS-type services) shall not be assessed Carrier Common Line Access per minute charges.

#### 3. Carrier Common Line Access Service (Cont'd)

#### Undertaking of the Telephone Company 3.3

- Where the customer is provided Switched Access Service (A) under other sections of this tariff, the Telephone Company will provide the use of Telephone Company common lines by a customer for access to end users at rates and charges as set forth in 3.8 following.
- (B) Where the customer is reselling intrastate MTS/WATS, MTStype and/or WATS-type service(s), the customer may, at the option of the customer, employ ordinary local business exchange service at generally applicable local business exchange rates under the Telephone Company General and/or Local Exchange Tariffs. Switched Access or Carrier Common Line Access charges under this Tariff will not apply for such access except as set forth in Section 6.7, and 3.7. following, provided the underlying carrier that provides the MTS/WATS and/or MTS/WATS-type service(s) which are resold compensates the Telephone company in accordance with the provisions in this tariff. Such compensation shall include charges for which are resold. If the customer wishes to obtain special arrangements such as trunk side service connections for such resale, the customer may, at the option of the customer, obtain Switched Access Service under this Tariff as set forth in Section 6, following. Carrier Common Line Access charges will apply for such access as set forth in 3.7. following.
- (C) When access to the local exchange is required to provide a MTS/WATS-type service using a resold Private Line Service, Switched Access Service Rates and Regulations, as set forth in 6. following will apply. Carrier Common Line Access rates and charges as set forth in 3.8 following apply in accordance with the regulations as set forth 3.7 following.
- (D) The Switched Access Service provided by the Telephone Company includes the Switched Access Service provided for both interstate and intrastate communications and the Carrier Common Line Access rates and charges as set forth in 3.8 following apply in accordance with the rate regulations as set forth in 3.7 following.

UNITED TELEPHONE COMPANY OF MISSOURI d/b/a SPRINT

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#### ACCESS SERVICE

- 3. Carrier Common Line Access Service (Cont'd)
  - 3.3 Undertaking of the Telephone Company (Cont'd)



#### 3.4 Obligations of the Customer

- (A) The Switched Access Service associated with Carrier Common Line Access shall be ordered by the customer under other sections of this tariff.
- (B) The customer facilities at the premises of ordering customer shall provide the necessary on-hook and off-hook supervision.
- Unless the customer reports (1) intrastate use as set forth (C) in (D) following or (2) Feature Group A, B or D Switched Access Service as set forth in (F) following, all Switched Access Service provided to the customer will be subject to Carrier Common Line Access charges.
- (D) When the customer reports interstate and intrastate use of Switched Access Service, the associated Carrier Common Line Access used by the customer for intrastate will be determined as set forth in 3.7 following.
- (E) Where Feature Group C end office switching is provided without Telephone Company recording and the IC records minutes of use used to determine Carrier Common Line Access charges (i.e., Feature Group C operator and TSPS calls such as pay telephone sent-paid, operator-DDD, operator-person, collect, credit-card, third number and/or other like calls), the IC shall furnish such minutes of use detail to the Telephone Company in a timely manner. If the IC does not furnish the data to the Telephone Company, the IC shall identify all Switched Access Services which could carry such calls in order for the Telephone Company to accumulate the minutes of use through the use of special Telephone Company measuring and recording equipment.

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ACCESS SERVICE

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3. Carrier Common Line Access Service (Cont'd)

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- Undertaking of the Telephone Company (Cont'd) 15 5 5 14 5 Commission 3.3
  - (E) When the IC is provided Operator Trunk-Coin or Combined Coin and Non-Coin or Operator Trunk-full Feature Optional Features for sent-paid pay telephone access as set forth following in 6., the Telephone Company will collect sent-paid monies from pay telephone stations and will remit monies to the IC as set forth in 3.6 following. The Telephone Company will provide message call detail format and bill periods used to determine the monies upon request from the IC.

#### Obligations of the Customer 3.4

- The Switched Access Service associated with Carrier Common Line (A) Access shall be ordered by the customer under other sections of this tariff.
- The customer facilities at the premises of ordering customer shall (B) provide the necessary on-hook and off-hook supervision.
- (C) Unless the customer reports (1) intrastate use as set forth in (D) following or (2) Feature Group A, B or D Switched Access Service as set forth in (F) following, all Switched Access Service provided to the customer will be subject to Carrier Common Line Access charges.
- (D) When the customer reports interstate and intrastate use of Switched Access Service, the associated Carrier Common Line Access used by the customer for intrastate will be determined as set forth in 3.7 following.
- (E) Where Feature Group C end office switching is provided without Telephone Company recording and the IC records minutes of use used to determine Carrier Common Line Access charges (i.e., Feature Group C operator and TSPS calls such as pay telephone sent-paid, operator-DDD, operator-person, collect, credit-card, third number and/or other like calls), the IC shall furnish such minutes of use detail to the Telephone Company in a timely manner. If the IC does not furnish the data to the Telephone Company, the IC shall identify all Switched Access Services which could carry such calls in order for the Telephone Company to Droumulate the minutes of use through the use of special Telephone Company measuring and recording equipment.

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ISSUED: September 17, 1992

BY: John L. Roe Vice President Administration 5454 West 110th Street Overland Park, Kansas, 66211

- 3. Carrier Common Line Access Service (Cont'd)
  - Obligations of the Customer (Cont'd)
    - When the customer is reselling MTS/WATS and/or MTS/WATStype service as set forth in 3.3(B) preceding, the customer will be charged the Carrier Common Line Access charges in accordance with the regulations as set forth in 3.7 following if the customer or the provider of the MTS/WATS service furnishes documentation of the MTS/WATS and/or the customer furnishes documentation of the MTS/WATS-type usage. Such documentation supplied by the customer shall be supplied each month and shall identify the involved resold MTS and/or MTS type services.
    - (G) When the customer orders Switched Access Service as set forth in (F) preceding, the Telephone Company may request when resold MTS/WATS is involved, a certified copy of the customer's MTS/WATS usage billing from either the customer or the provider of the MTS/WATS Service and/or when resold MTS/WATS-type service is involved, a certified copy of customer's MTS/WATS-type usage billing from either the customer or the provider of the MTS/WATS-type service. requests for this billing will relate back no more than 12 months prior to the current billing period.

UNITED TELEPHONE COMPANY OF MISSOURI d/b/a SPRINT

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#### ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

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### 3.5 Payment Arrangements

(A) The Telephone company will bill the Carrier Common Line Access. the bill day (i.e., the billing date of the bill) in a month for each customer account will be established by the Telephone Company. Payment is due from the customer 31 days after the bill day date (payment date) or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval, and is payable in immediately available funds. If such payment day is a Saturday, Sunday or Holiday (i.e., New Year's Day, Independence Day, Labor Day, Thanksgiving Day, Christmas day, the second Tuesday in November, and a day when Washington's Birthday, Memorial Day or Columbus Day is legally observed), payment will be due from the customer as follows:

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3. Carrier Common Line Access Service (Cont'd)

Obligations to the Customer (Cont'd)

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Where Operator Trunk-coin or Combined Coin and Non Coin or (I)Operator Trunk-Full Feature Optional Features for sent-paid pay telephone access is provided to the IC and the IC wishes to receive the monies it is due for monies collected by the Telephone Company from coin pay telephone stations, the IC shall furnish to the Telephone Company, at a location specified by the Telephone Company, the IC message call detail for the IC sent-paid (coin) pay telephone calls in accordance with the Telephone Company collection schedule. The IC message call detail furnished shall be in a standard format established by the Telephone Company as set forth in 8.2.1(B)(1)(c) following. If no IC message call detail is received from the IC for each bill period established by the Telephone Company, the Telephone Company will assume there were no IC sent-paid (coin) pay telephone calls for the period. In addition, the IC shall furnish a schedule of its charges for sent-paid (coin) calls to the Telephone at a location and date as specified by the Telephone Company. Any change in the IC's schedule of charges shall be furnished to the Telephone Company one day after the change becomes effective.

#### 3.5 Payment Arrangements

(A) The Telephone company will bill the Carrier Common Line Access. the bill day (i.e., the billing date of the bill) in a month for each customer account will be established by the Telephone Company. Payment is due from the customer 31 days after the bill day date (payment date) or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval, and is payable in immediately available funds. If such payment day is a Saturday, Sunday or Holiday (i.e., New Year's Day, Independence Day, Labor Day, Thanksgiving Day, Christmas day, the second Tuesday in November, and a day when Washington's Birthday, Memorial Day or Columbus Day is legally observed), payment will be due from the customer as follows:

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ISSUED: September 17, 1992

BY: John L. Roe Vice President Administration 5454 West 110th Street Overland Park, Kansas, 66211

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- 3. Carrier Common Line Access Service (Cont'd)
  - 3.5 Payment Arrangements (Cont'd)
    - (A) (Cont'd)

If such payment date falls on a Sunday or on a Holiday which is observed on a Monday, the payment date shall be the first non-Holiday day following such Sunday or Holiday. If such payment date falls on a Saturday or on a Holiday which is observed on Tuesday, Wednesday, Thursday or Friday, the payment date shall be the last non-Holiday day preceding such Saturday or Holiday.

- (B) Further, if any portion of the Carrier Common Line Access payment is received by the Telephone company after the payment date as set forth in the (A) preceding, or if any portion of the Carrier Common Line Access payment is received by the Telephone company in funds which are not immediately available to the Telephone Company, then a late payment penalty shall be due to the Telephone Company. The late payment penalty shall be the portion of the Carrier Common Line Access payment not received by payment date times a late factor. The late factor shall be the lesser of:
  - (1) the highest interest rate (in decimal value) which may be levied by the law for commercial transactions, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Telephone Company or
  - (2) 0.000590 per day, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Telephone Company.
- (C) In the event a billing dispute concerning a month's Carrier Common Line Access Billed to the customer by the Telephone Company is resolved in favor of the Telephone Company, any payments withheld pending settlement of the dispute shall be subject to the late payment penalty set forth in (B) preceding. If the customer disputes the bill on or before the payment date, and pays the undisputed amount on or before the payment date, any late payment charge for the disputed amount will not start until 10 days after the payment date. If the billing dispute is resolved in favor

UNITED TELEPHONE COMPANY OF MISSOURI d/b/a SPRINT

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#### ACCESS SERVICE

- 3. <u>Carrier Common Line Access Service</u> (Cont'd)
  - 3.5 Payment Arrangements (Cont'd)
    - (C) (Cont'd)

of the customer, no late payment penalty will apply to the disputed amount. In addition, if the customer disputes the billed amount and pays the total amount (i.e., the non-disputed amount and the disputed amount) on or before the payment date and the billing dispute is resolved in the favor of the customer, the customer will receive a credit for a disputed amount penalty from the Telephone Company if the billing dispute is not resolved within 10 working days following the payment date or the date the customer furnishes to the Telephone Company documentation to support its claim plus 10 working days, whichever date is the later date. The disputed amount penalty shall be the disputed amount resolved in the customer's favor times a penalty factor.

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ISSUED: January 15, 1997 Richard D. Lawson State Executive, External Affairs (D)

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3. Carrier Common Line Access Service (Cont'd) SEP 17 1992

3.5 Payment Arrangements (Cont'd)

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> of the customer, no late payment penalty will apply to the disputed amount. In addition, if the customer disputes the billed amount and pays the total amount (i.e., the non-disputed amount and the disputed amount) on or before the payment date and the billing dispute is resolved in the favor of the customer, the customer will receive a credit for a disputed amount penalty from the Telephone Company if the billing dispute is not resolved within 10 working days following the payment date or the date the customer furnishes to the Telephone Company documentation to support its claim plus 10 working days, whichever date is the later date. The disputed amount penalty shall be the disputed amount resolved in the customer's favor times a penalty factor.

#### 3.6 Payment of Coin Sent-Paid Monies

The Telephone company will collect the monies from coin pay telephone stations and will determine and remit amounts due to a IC which is provided Operator Trunk-Coin or Combined Coin and Non-Coin or Operator Trunk-Full Feature Optional Features for sent-paid pay telephone access as set forth in Section 6. as follows:

#### Bill Period Coin Revenue (A)

The Telephone Company will establish a collection schedule for each coin pay telephone station and will collect the monies from the coin pay stations based on this collection schedule. The monies collected based on this schedule during each bill period established by the Telephone Company will be identified by coin pay telephone station and summed to develop the Bill Period Coin Revenue for each coin record day (i.e., the day a record is prepared and dated to show the amount due the IC).

#### (B) Total IC Coin Revenue

The intrastate Total IC Coin Revenue will be determined by the Telephone Company based on the customer message call detail received from the customer for each bill period and the customer's schedule of charges for sent-paid con calls. Such Total Customer Coin Revenue will be developed Facts coin record day.

BY: John L. Ro MISCOULD!

BY: John L. Ro MISCOULD! Vice President Administration 5454 West 110th Street Overland Park, Kansas, 66211

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ISSUED: September 17, 1992 UNITED TELEPHONE COMPANY OF MISSOURI d/b/a SPRINT

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#### ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

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3. Carrier Common Line Access Service (Cont'd)

> 3.6 Payment of Coin Sent-Paid Monies (Cont'd)

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#### (C) Recourse Adjustments

For each coin record day, the Telephone Company will subtract from the Total IC Coin Revenue an amount for coin station shortages. Coin station shortages are amounts resulting from unauthorized calling at coin pay telephone stations, use of unauthorized coins (i.e., foreign coins, slugs, and improper use of U.S. pennies), unauthorized removal of coins from coin pay telephone stations, and coin refunds beyond the Telephone Company's control. amount for coin station shortages will be developed by the Telephone Company by multiplying the Total IC Coin Revenue for each coin record day by a shortage factor. Such amount will be rounded to the nearest penny. The shortage factor will be determined by dividing the yearly total coin shortage amount by the yearly total coin revenue amount (i.e. total coin revenue equals the coin revenue due under exchange tariffs, state toll tariffs, and intrastate toll tariffs). The total coin shortage amount and the total revenue amount will be determined by the Telephone Company through an annual special study.

#### (D) Payment of Net IC Coin Revenue

The Telephone Company will determine the Net IC Coin Revenue for each coin record day by subtracting from the Total IC Coin Revenue, determined as set forth in (B) preceding, the amount for coin station shortages determined as set forth in (C) preceding. On the date (payment date) determined by adding 45 days to the coin record day, the Telephone Company will remit payment to the IC for the Net IC Coin Revenue. CANCELLED

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Vice President Administration 5454 West 110th Street Overland Park, Kansas, 66211

BY: John L. Roe

ISSUED: September 17, 1992

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#### ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

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#### 3.7 Rate Regulations

Access minutes will be accumulated using call detail (A) recorded by Telephone Company equipment and Feature Group C operator and TSPS call detail such as pay telephone sentpaid, operator-DDD, operator-person, collect, credit-card, third number and/or other like calls recorded by the customer. The Telephone company measuring and recording equipment will be associated with end office or local tandem switching equipment and will record each originating and terminating access minute where answer supervision is received. The accumulated access minutes will be summed on a line by line basis, by line group or by end office, whichever type of account is used by the Telephone Company, for each customer and then rounded to the nearest minute.

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3. <u>Carrier Common Line Access Service</u> (Cont'd)

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3.6 Payment of Coin Sent-Paid Monies (Cont'd)

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(E) Audit Provisions

Upon reasonable written notice by the customer to the Telephone Company, the customer shall have the right, through its authorized representative, to examine and audit, during normal business hours and at reasonable intervals as determined by the Telephone Company, all such records and accounts as may under recognized accounting practices contain information bearing upon the determination of the amount payable to the customer. Adjustment shall be made by the proper party to compensate for any errors or omissions disclosed by such examination or audit. Neither such right to examine and audit nor the right to receive such adjustment shall be affected by any statement to the contrary, appearing on checks or otherwise, unless such statement expressly waiving such right appears in a letter signed by the authorized representative of the party having such right and delivered to the other party.

All information received or reviewed by the customer or its authorized representative is to be considered confidential and is not to be distributed, provided or disclosed in any form to anyone not involved in the audit, nor is such information to be used for any other purpose.

### 3.7 Rate Regulations

(A) Access minutes will be accumulated using call detail recorded by Telephone Company equipment and Feature Group C operator and TSPS call detail such as pay telephone sent-paid, operator-DDD, operator-person, collect, credit-card, third number and/or other like calls recorded by the customer. The Telephone company measuring and recording equipment will be associated with end office or local tandem switching equipment and will record each originating and terminating access minute where answer supervision is received. The accumulated access minutes will be summed on a line by line basis, by line group or by end office, whichever type of account is used by the Telephone Company, for each customer and then rounded to the nearest minute.

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#### ACCESS SERVICE

- 3. Carrier Common Line Access Service (Cont'd)
  - Rate Regulations (Cont'd)
    - When an access group has usage that originates from and/or (B) terminates at both end offices that have been converted to equal access and end offices that have not been converted, premium access charge per minute rate as set forth in 3.8 following will apply. The minutes billed Carrier Common Line Access Service charges will be the terminating intrastate access minutes plus the originating intrastate access minutes for such access groups.
    - When the MTS and/or MTS-type usage is shown in hours, the (C) number of hours shall be multiplied by 60 to develop the associated MTS and/or MTS-type minutes of use. If the MTS and/or MTS-type usage is shown in a unit that does not show hours or minutes, the customer shall provide a factor to convert the shown units to minutes.
    - When the customer reports interstate and intrastate inter-(D) LATA and intrastate intraLATA use of Switched Access Service, the Carrier Common Line Access Charges in this tariff will be billed only to intrastate interLATA and intrastate intraLATA Switched Access Service access minutes based on the data reported by the customer as set forth in 2.3.14 preceding. The intrastate interLATA and intrastate intraLATA Switched Access Service access minutes will be used to determine Carrier Common Line Charges as set forth in (E) following.
    - (E) The access minutes for all premium rated Switched Access Service subject to Carrier Common Line charges will be multiplied by the Premium Access per minute rate as set forth in 3.8 following to determine the charges.

Terminating Access, per minute charges(s) apply to all terminating access minutes of use.

Terminating Access, per minute charge(s) apply to all originating access minutes of use associated with calls placed to 700, TFC and 900 numbers, less those originating (T) access minutes of use associated with calls placed to 700, TFC and 900 numbers for which the customer furnishes for (T) each month a report of either the number of calls or minutes, or a report of the percent of calls or minutes that terminate in a Switched Access Service that is assessed Carrier Common Line charges.

Originating Access per minute charge(s) apply to all originating access minutes of use.

Originating Access, per minute charge(s) apply less all originating access minutes of use associated with calls placed to 700, TFC and 900 numbers; plus all originating (T) access minutes of use associated with calls placed to 700, TFC and 900 numbers for which the customer furnishes for (T) each month a report of either the number of calls or minutes, or a report of the percent of calls or minutes that terminate

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#### ACCESS SERVICE

Carrier Common Line Access Service (Cont'd) 3.

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3.7 Rate Regulations (Cont'd)

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- When an access group has usage that originates from and/or terminates at (B) both end offices that have been converted to equal access and end offices that have not been converted, premium access charge per minute rate as set forth in 3.8 following will apply. The minutes billed Carrier Common Line Access Service charges will be the terminating intrastate access minutes plus the originating intrastate access minutes for such access groups.
- When the MTS and/or MTS-type usage is shown in hours, the number of hours shall be multiplied by 60 to develop the associated MTS and/or MTS-type minutes of use. If the MTS and/or MTS-type usage is shown in a unit that does not show hours or minutes, the customer shall provide a factor to convert the shown units to minutes.
- When the customer reports interstate and intrastate interLATA and (D) intrastate intraLATA use of Switched Access Service, the Carrier Common Line Access Charges in this tariff will be billed only to intrastate interLATA and intrastate intraLATA Switched Access Service access minutes based on the data reported by the customer as set forth in 2.3.14 preceding. The intrastate interLATA and intrastate intraLATA Switched Access Service access minutes will be used to referrible Carrier Common Line Charges as set forth in (E) following.
- The access minutes for all premium rated Switched Access Sarkite bject (E) to Carrier Common Line charges will be multiplied by the Premium Access per minute rate as set forth in 3.8 following to determine the chargeson Terminating Access, per minute charges(s) apply to apply

access minutes of use.

Terminating Access, per minute charge(s) apply to all originating access minutes of use associated with calls placed to 700, 800 and 900 numbers, less those originating access minutes of use associated with calls placed to 700, 800 and 900 numbers for which the customer furnishes for each month a report of either the number of calls or minutes, or a report of the percent of calls or minutes that terminate in a Switched Access Service that is assessed Carrier Common Line charges.

Originating Access per minute charge(s) apply to all originating access minutes of use.

Originating Access, per minute charge(s) apply less all originating access minutes of use associated with calls placed to 700, 800 and 900 numbers; plus all originating access minutes of use associated with calls placed to 700, 800 and 900 numbers for which the customer furnishes for each month a report of either the number of calls or minutes, or a report of the percent of calls or minutes that terminate

ISSUED: November 3, 1993

BY: John L. Roe EFFECTIVE: Vice President - Administration NOV 7 1303 ember 7, 1993 5454 West 110th Street Overland Park, Kansas 6621MO. PUBLIC SERVICE COMM.

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#### ACCESS

### 3. <u>Carrier Common Line Access Service</u> (Cont'd)

- 3.7 Rate Regulations (Cont'd)
- (B) When an access group has usage that originates from and/or terminates at both end offices that have been converted to equal access and end offices that have not been converted, premium access charge per minute rate as set forth in 3.8 following will apply. The minutes billed Carrier Common Line Access Service charges will be the terminating intrastate access minutes plus the originating intrastate access minutes for such access groups.
- (C) When the MTS and/or MTS-type usage is shown in hours, the number of hours shall be multiplied by 60 to develop the associated MTS and/or MTS-type minutes of use. If the MTS and/or MTS-type usage is shown in a unit that does not show hours or minutes, the customer shall provide a factor to convert the shown units to minutes.
- (D) When the customer reports interstate and intrastate interLATA and intrastate intraLATA use of Switched Access Service, the Carrier Common Line Access Charges in this tariff will be billed only to intrastate interLATA and intrastate intraLATA Switched Access Service access minutes based on the data reported by the customer as set forth in 2.3.14 preceding. The intrastate interLATA and intrastate intraLATA Switched Access Service access minutes will be used to determine Carrier Common Line Charges as set forth in (E) following.
- (E) The access minutes for all premium rated Switched Access Service subject to Carrier Common Line charges will be multiplied by the Premium Access per minute rate as set forth in 3.8 following to determine the charges.

The terminating Premium Access, per minute charges(s) apply to all terminating access minutes of use.

The originating Premium Access per minute charge(s) apply to all originating access minutes of use.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President Administration 5454 West 110th Street Overland Park, Kansas, 66211

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#### ACCESS SERVICE

- Carrier Common Line Access Service (Cont'd)
  - 3.7 Rate Regulations (Cont'd)

in a Switched Access Service that is assessed Carrier Common LIne charges, and for which a corresponding reduction in the number of terminating access minutes of use has been made.

(N)

(N)

(F) When the customer orders a combined access group to be used in conjunction with the resale of MTS/WATS and/or MTS/WATS-type services as set forth in 3.3 preceding, subject to the limitat as set forth in 3.2, preceding, and the Telephone Company rece the usage information required to calculate the proration as s forth in 3.4. F., preceding, the customer will be billed as se forth in 3.7(F)(1) following. When more than one combined acc group is provided in a LATA, the Telephone Company will apport the resold MTS/WATS and/or MTS/WATS-type services and originat minutes of use among the combined access groups. Such apportionment will be based on the relationship of the origina usage for each combined access groups in the LATA. The involv resold minutes shall be only intrastate outward MTS, MTS-type, WATS and WATS-type minutes and shall not include collect, thir number, credit card or interstate minutes of use.

In order for the rate regulations to apply as set forth following, the combined access group and the resold MTS/WATS and/or MTS/WATS-type services must be provided in the same state in the same LATA, provided by the same Telephone Company and connected directly or indirectly. For those LATAs that have more than one state, the customer shall report the information by state within the LATA.

Each of the combined access groups arranged in a multiline hunt group used by the customer in association with the resold MTS/WATS and/or MTS/WATS-type services must be connected either directly or indirectly to the customers' designated premises at which the resold MTS/WATS and/or MTS/WATS-type services are terminated. Direct connections are those arrangements where the combined access groups and resold MTS/WATS and/or MTS/WATS-type services are terminated at the same customers' designated premises. Indirect connections are those arrangements where the combined access groups and resold MTS/WATS and/or MTS/WATS-type are terminated at different customer designated premises in the same LATA. Such different customer designated premises are connecting by facilities that permit a call to flow from combined access groups to resold MTS/WATS and/or MTS/WATStype services.

Original Page 104

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**ACCESS** 

3. Carrier Common Line Access Service (Cont'd)

#### 3.7 Rate Regulations (Cont'd)

MISSOURI Public Santon Commission

(F) When the customer orders a combined access group to be used in conjunction with the resale of MTS/WATS and/or MTS/WATStype services as set forth in 3.3 preceding, subject to the limitations as set forth in 3.2, preceding, and the Telephone Company receives the usage information required to calculate the proration as set forth in 3.4. F., preceding, the customer will be billed as set forth in 3.7(F)(1)following. When more than one combined access group is provided in a LATA, the Telephone Company will apportion the resold MTS/WATS and/or MTS/WATS-type services and originating minutes of use among the combined access groups. Such apportionment will be based on the relationship of the originating usage for each combined access groups in the LATA. The involved resold minutes shall be only intrastate outward MTS, MTS-type, WATS and WATS-type minutes and shall not include collect, third number, credit card or interstate minutes of use.

In order for the rate regulations to apply as set forth following, the combined access group and the resold MTS/WATS and/or MTS/WATStype services must be provided in the same state in the same LATA, provided by the same Telephone Company and connected directly or indirectly. For those LATAs that have more than one state, the customer shall report the information by state within the LATA.

Each of the combined access groups arranged in a multiline hunt group used by the customer in association with the resold MTS/WATS and/or MTS/WATS-type services must be connected either directly or indirectly to the customers' designated premises at which the resold MTS/WATS and/or MTS/WATS-type services are terminated. Direct connections are those arrangements where the combined access groups and resold MTS/WATS and/or MTS/WATS-type services are terminated at the same customers' designated premises. Indirect connections are those arrangements where the combined access groups and resold MTS/WATS and/or MTS/WATS-type are terminated at different customer designated premises in the same LATA. Such different customer designated premises are connecting by facilities that permit a call to flow from combined access groups to resold MTS/WATS and/or MTS/WATS-type services.

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BY: John Public Service Commission

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Vice President Administration 5454 West 110th Street Overland Park, Kansas, 66211

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ISSUED: September 17, 1992

- 3. Carrier Common Line Access Service (Cont'd)
  - Rate Regulations (Cont'd) 3.7
    - (F) (Cont'd)

The adjustments as set forth following will be computed separately for each combined access group.

(1) Combined Access Groups

When combined access groups are provided in a LATA, the following regulations apply:

- (a) One intrastate MTS/WATS-type Feature Group A Switched Access Service for each resold intrastate WATS and WATS-type service reported as set forth in 3.4.(F)., preceding, and c.d. and e., following, will be billed local business exchange service rates. The exchange involved shall be the exchange in which the service provided.
- (b) For MTS/WATS-type Feature Group A provided in a combined access group, the minutes billed will be all the terminating intrastate access minutes and any adjusted originating intrastate access minutes for such combined access groups. The adjusted originated minutes billed will be the originating intrastate access minutes less the reported resold service(s) originating minutes of use.
- (c) The number of line side Switched Access Services billed at local business exchange service rates shall not exceed the number of line side connections provided in line side combined access groups in service in a LATA.
- (d) No local Measured Service minutes are billed for terminating usage because all the terminating access minutes are billed Switched Access Service access minutes.

- 3. Carrier Common Line Access Service (Cont'd)
  - Rate Regulations (Cont'd)
    - (F) (Cont'd)
      - (1) Combined Access Groups-(Cont'd)
        - (e) For the first month a combined access group is in service each associated resold WATS and WATS-type service will be assumed to have 2500 or more originating intrastate minutes of use. After the first month that both the combined access group and the associated resold WATS and WATS-type services are in service, each resold WATS and Wats-type service shall have 2500 or more originating intrastate minutes of use per month on average. If the average originating intrastate usage per service for each resold WATS and WATStype service group does not equal 2500 originating minutes of use in any month, then for combined access billing purposes, the number of WATS and WATS-type services for which local business exchange service rates will be applicable will be reduced until the average originating intrastate usage per month for the remaining services equals or exceeds 2500 originating intrastate minutes. The number of originating minutes per month per resold WATS and WATS-type services will be developed by adding the resold outward MTS and MTS-type minutes to the resold originating WATS and WATS-type minutes and dividing the resulting sum per service group by the number of services in the group.
      - (2) Any adjustment will be made to the involved customer account no later than either the next bill date, or the one subsequent to that, depending on when the usage report is obtained.
      - (3) When the resold service(s) usage is shown in hours, the number of hours shall be multiplied by 60 to develop the associated WATS-type and WATS minutes of use. If the resold service(s) usage is shown in a unit that does not show hours or minutes, the customer shall provide a factor to convert the shown units to minutes.
      - (4) The adjusted originating intrastate access minutes for Carrier Common Line Access, that are billed to a customer in a monthly period, shall not be less than zero.

- 3. <u>Carrier Common Line Access Service</u> (Cont'd)
  - 3.7 Rate Regulations (Cont'd)
    - (F) (Cont'd)
      - (5) If the required documentation is not received by the Telephone Company, as described in 3.4.F. preceding, for any subsequent month, no adjustment or credit will be made until the required documentation is delivered to the Telephone company by the customer.
    - (G) When the customer reports interstate and intrastate use of Switched Access Service, the intrastate Switched Access Service access minutes will be billed interLATA or intraLATA Carrier Common Line Charges based on the date reported by the customer as set forth in 2.3.14 (A) and 2.3.15. The appropriate intrastate Switched Access Service access minutes will, after adjustment as set forth in 3.7.F preceding, when necessary, be used to determine the Carrier Common Line Charges.
  - 3.8 Rates and Charges

The rate for interLATA Carrier Common Line Access is:

	•	The second second	Rate Per Access Minute	
-	Terminating		<i>\$0.049583</i>	(R)
-	Originating		\$0.032894	(R)

The rate for intraLATA Carrier Common Line Access is:

		Rate Per Access Minute	
-	Terminating	\$0.049583	(R)
<b>-</b>	Originating	<b>\$</b> 0.032894	(R)

ISSUED: December 2, 2005

Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: January 18, 2006



SPRINT MISSOURI INC. d/b/a SPRINT

Tenth Revised Page 107 Cancels Ninth Revised Page 107

#### ACCESS SERVICE

# CANCELLED

3. Carrier Common Line Access Service (Cont'd) January 18, 2006

3.7 Rate Regulations (Cont'd)

# **MISSOURI PUBLIC SERVICE COMMISSION**

- (F) (Cont'd)
  - (5) If the required documentation is not received by the Telephone Company, as described in 3.4.F. preceding, for any subsequent month, no adjustment or credit will be made until the required documentation is delivered to the Telephone company by the customer.
- (G) When the customer reports interstate and intrastate use of Switched Access Service, the intrastate Switched Access Service access minutes will be billed interLATA or intraLATA Carrier Common Line Charges based on the date reported by the customer as set forth in 2.3.14 (A) and 2.3.15. The appropriate intrastate Switched Access Service access minutes will, after adjustment as set forth in 3.7.F preceding, when necessary, be used to determine the Carrier Common Line Charges.
- 3.8 Rates and Charges

The rate for interLATA Carrier Common Line Access is:

Rate Per Access Minute Terminating \$0.051457 (R) Originating \$0.034150 (R) The rate for intraLATA Carrier Common Line Access is:

Rate Per Access Minute Terminating \$0.051457 (R) Originating \$0.034150

ISSUED: December 3, 2004

**EFFECTIVE:** January 18, 2005 SPRINT MISSOURI INC. d/b/a SPRINT

Ninth Revised Page 107 Cancels Eighth Revised Page 107

## Missouri Public

### **ACCESS SERVICE**

3. <u>Carrier Common Line Access Service</u> (Cont'd)

REC'D OCT 31 2003

3.7 Rate Regulations (Cont'd)

Service Commission

- (F) (Cont'd)
  - (5) If the required documentation is not received by the Telephone Company, as described in 3.4.F. preceding, for any subsequent month, no adjustment or credit will be made until the required documentation is delivered to the Telephone company by the customer.
- (G) When the customer reports interstate and intrastate use of Switched Access Service, the intrastate Switched Access Service access minutes will be billed interLATA or intraLATA Carrier Common Line Charges based on the date reported by the customer as set forth in 2.3.14 (A) and 2.3.15. The appropriate intrastate Switched Access Service access minutes will, after adjustment as set forth in 3.7.F preceding, when necessary, be used to determine the Carrier Common Line Charges.
- 3.8 Rates and Charges

The rate for interLATA Carrier Common Line Access is:

- Terminating \$ 0.054065 (R)
- Originating \$ 0.035917

The rate for intraLATA Carrier Common Line Access is:

Rate Per Access Minute
- Terminating \$ 0.054065 (R)
- Originating \$ 0.035917

CANCELLED

JAN 1 8 2005 Public betwice Commission

ISSUED: October 31, 2003

Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE:

JAN 1 7 2004

 SPRINT MISSOURI INC.

Eighth Revised Page 107 Cancels Seventh Revised Page 107

#### ACCESS SERVICE

### Micacuri Public

- Carrier Common Line Access Service (Cont'd)
  - 3.7 Rate Regulations (Cont'd)

**REC'D SEP 02 2003** 

(F) (Cont'd)

- Service Commission
- (5) If the required documentation is not received by the Telephone Company, as described in 3.4.F. preceding, for any subsequent month, no adjustment or credit will be made until the required documentation is delivered to the Telephone company by the customer.
- (G) When the customer reports interstate and intrastate use of Switched Access Service, the intrastate Switched Access Service access minutes will be billed interLATA or intraLATA Carrier Common Line Charges based on the date reported by the customer as set forth in 2.3.14 (A) and 2.3.15. The appropriate intrastate Switched Access Service access minutes will, after adjustment as set forth in 3.7.F preceding, when necessary, be used to determine the Carrier Common Line Charges.
- 3.8 Rates and Charges

The rate for interLATA Carrier Common Line Access is:

Rate Per Access Minute	Faminating	S 0.054133	R
- Originating	S 0.035917	R	
- Originating	S 0.035917	R	

The rate for intraLATA Carrier Common Line Access is:

CANCELLED

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Public Service Commission
MISSOURI

ISSUED: August 29, 2003

Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: December 18, 2003

Missouri Public Service Commission 1T-04-134 FLED DEC 18 2003 SPRINT MISSOURI INC. d/b/a SPRINT

Seventh Revised Page 107 Cancels Sixth Revised Page 107

### ACCESS SERVICE

# Missouri Public Service Commission

3. Carrier Common Line Access Service (Cont'd)

RFCD OCT 25 2002

- 3.7 Rate Regulations (Cont'd)
  - (F) (Cont'd)
    - (5) If the required documentation is not received by the Telephone Company, as described in 3.4.F. preceding, for any subsequent month, no adjustment or credit will be made until the required documentation is delivered to the Telephone company by the customer.
  - (G) When the customer reports interstate and intrastate use of Switched Access Service, the intrastate Switched Access Service access minutes will be billed interLATA or intraLATA Carrier Common Line Charges based on the date reported by the customer as set forth in 2.3.14 (A) and 2.3.15. The appropriate intrastate Switched Access Service access minutes will, after adjustment as set forth in 3.7.F preceding, when necessary, be used to determine the Carrier Common Line Charges.
- 3.8 Rates and Charges

The rate for interLATA Carrier Common Line Access is:

Rate Per Access Minute Terminating \$ 0.060373 (R) Originating \$ 0.040059

The rate for intraLATA Carrier Common Line Access is:

Rate Per Access Minute Terminating \$ 0.060373 (R) Originating \$ 0.040059

CANCELLED

DEC 1 8 2003

ISSUED: October 25, 2002

Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101

**EFFECTIVE**: December 11, 2002

Missouri Public Service Commission FILED DEG 11 2002

SPRINT MISSOURI INC. d/b/a SPRINT

Sixth Revised Page 107 Cancels Fifth Revised Page 107

#### **ACCESS SERVICE**

Missouri Public

3. Carrier Common Line Access Service (Cont'd) REC'D OCT 2 6 2001

3.7 Rate Regulations (Cont'd)

> (F) (Cont'd)

- Service Commission
- (5) If the required documentation is not received by the Telephone Company, as described in 3.4.F. preceding, for any subsequent month, no adjustment or credit will be made until the required documentation is delivered to the Telephone company by the customer.
- (G) When the customer reports interstate and intrastate use of Switched Access Service, the intrastate Switched Access Service access minutes will be billed interLATA or intraLATA Carrier Common Line Charges based on the date reported by the customer as set forth in 2.3.14 (A) and 2.3.15. The appropriate intrastate Switched Access Service access minutes will, after adjustment as set forth in 3.7.F preceding, when necessary, be used to determine the Carrier Common Line Charges.
- 3.8 Rates and Charges

The rate for interLATA Carrier Common Line Access is:

Terminating

Originating

Terminating

Originating

Rate Per Access Minute

\$ 0.067785 (R)

\$ 0.040059

The rate for intraLATA Carrier Common Line Access is:

Rate Per Access Minute

\$ 0.067785 (R)

\$ 0.040059 (R)

CANCELLED

DEC 1 1 2002

ISSUED: October 26, 2001

Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101

Missouri Public EFFECTIVE: FILED DEC 11 200 2001 02-251 Service Commission SPRINT MISSOURI INC. d/b/a SPRINT

Fifth Revised Page 107 Cancels Fourth Revised Page 107

#### **ACCESS SERVICE**

Missouri Public Service Commission

- 3. <u>Carrier Common Line Access Service</u> (Cont'd)
  - 3.7 Rate Regulations (Cont'd)

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- (F) (Cont'd)
  - (5) If the required documentation is not received by the Telephone Company, as described in 3.4.F. preceding, for any subsequent month, no adjustment or credit will be made until the required documentation is delivered to the Telephone company by the customer.
- (G) When the customer reports interstate and intrastate use of Switched Access Service, the intrastate Switched Access Service access minutes will be billed interLATA or intraLATA Carrier Common Line Charges based on the date reported by the customer as set forth in 2.3.14 (A) and 2.3.15. The appropriate intrastate Switched Access Service access minutes will, after adjustment as set forth in 3.7.F preceding, when necessary, be used to determine the Carrier Common Line Charges.
- 3.8 Rates and Charges

The rate for interLATA Carrier Common Line Access is:

| Rate Per Access Minute | Family | Fam

The rate for intraLATA Carrier Common Line Access is:

Rate Per Access Minute
- Terminating \$ 0.076480 (R)
- Originating \$ 0.042511 (R)

CANCELLED

DEC 1 1 2001

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Commission

Commission

Missouri Public Service Commission

FILED DEC 11 2000

ISSUED: October 27, 2000

Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: December 11, 2000 UNITED TELEPHONE COMPANY OF MISSOURI d/b/a SPRINT

Fourth Revised Page 107 Cancels Third Revised Page 107

#### ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd) Missouri Public Service Commission

3.7 Rate Regulations (Cont'd)

REC'D SEP 0 5 2000

- (F) (Cont'd)
  - (5) If the required documentation is not received by the Telephone Company, as described in 3.4.F., preceding for any subsequent month, no adjustment or credit will be made until the required documentation is delivered to the Telephone company by the customer.
- (G) When the customer report interstate and intrastate use of Switched Access Service, the intrastate Switched Access Service access minutes will be billed interLATA or intraLATA Carrier Common Line Charges based on the date reported by the customer as set forth in 2.3.14 (A) and 2.3.15. The appropriate intrastate Switched Access Service access minutes will, after adjustment as set forth in 3.7.F preceding, when necessary, be used to determine the Carrier Common Line Charges.

CANCELLED

DEC 1 1 2000 By 5th RP107 Public Service Commission **MISSOURI** 

(D)

(D)

3.8 Rates and Charges The rate for interLATA Carrier Common Line Access is:

Rate Per Access Minute

Terminating Originating \$.083479 \$.044100 (R)

The rate for intraLATA Carrier Common Line Access is:

Rate Per Access Minute

Terminating Originating

Missouri Public Service Commission

\$.084194 \$.046800

(R)

FILED OCT 0 5 2000

ISSUED: September 5, 2000

EFFECTIVE: October 5, 2000

Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101

UNITED TELEPHONE COMPANY OF MISSOURI d/b/a SPRINT

Third Revised Page 107 Cancels Second Revised Page 107

#### ACCESS SERVICE

3. <u>Carrier Common Line Access Service</u> (Cont'd)

MAY 2 9 1997

Rate Regulations (Cont'd) 3.7

> (F) (Cont'd)

(G)

MISSOURI Public Savice Commission

(5) If the required documentation is not received by the Telephone Company, as described in 3.4.F., preceding for any subsequent month, no adjustment or credit will be made until the required documentation is delivered to the Telephone company by the customer.

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OCT 05 2000 BY 444 RS#107 Public Service Commission MISSOURI

When the customer report interstate and intrastate use of Switched Access Service, the intrastate Switched Access Service access minutes will be billed interLATA or intraLATA Carrier Common Line Charges based on the date reported by the customer as set forth in 2.3.14 (A) and 2.3.15. The appropriate intrastate Switched Access Service access minutes will, after adjustment as set forth in 3.7.F preceding, when necessary, be used to determine the Carrier Common Line Charges.

(H) A 1+ IntraLATA Equal Access Recovery Charge of \$.000591 will be included in the Carrier Common Line rates to recover those costs that the Telephone Company incurs solely in connection with the implementation of intraLATA equal access. This charge will be in effect for 3 years from the date of the first exchange implementation and recovers costs associated with network reconfigurations and system and switch upgrades required to provide 1+ IntraLATA equal access.

The 1+ IntraLATA Equal Access Recovery Charge is assessed to the customer based on the total number of intrastate access minutes. The rates are set forth in 3.8, following: (N)

3.8 Rates and Charges

The rate for interLATA Carrier Common Line Access is:

Rate Per Access Minute

Terminating

\$.083479

Originating

\$.044691

(I)

(N)

The rate for intraLATA Carrier Common Line Access is:

Rate Per Access Minute

Terminating

\$.084194

Originating

\$.047391

(I)

ISSUED: May 29, 1997

EFFECTIVE: June 30, 1997

BY: John L. Roe VP - Carrier and Regulatory Servelt 5454 West 110th Street Overland Park, Kansas &

UNITED TELEPHONE COMPANY OF MISSOURI d/b/a SPRINT

Second Revised Page 107 Cancels First Revised Page 107

#### ACCESS SERVICE

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- 3. <u>Carrier Common Line Access Service</u> (Cont'd)
  - 3.7 Rate Regulations (Cont'd)

JAN 1 5 1997

- (F) (Cont'd)
  - (5) If the required documentation is print Strained Commission Telephone Company, as described in 3.4.F., preceding for any subsequent month, no adjustment or credit will be made until the required documentation is delivered to the Telephone company by the customer.
- (G) When the customer report interstate and intrastate use of Switched Access Service, the intrastate Switched Access Service access minutes will be billed interLATA or intraLATA Carrier Common Line Charges based on the date reported by the customer as set forth in 2.3.14 (A) and 2.3.15. The appropriate intrastate Switched Access Service access minutes will, after adjustment as set forth in 3.7.F preceding, when necessary, be used to determine the Carrier Common Line Charges.
- 3.8 Rates and Charges

The rate for interLATA Carrier Common Line Access is:

Rate Per Access Minute

TerminatingOriginating

\$.083479 \$.044100 (R)

The rate for intraLATA Carrier Common Line Access is:

Rate Per Access Minute

TerminatingOriginating

\$.084194 \$.046800 (R)

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By Service Commission

Public Service Commission

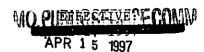
FILED

APR 15 1997

ISSUED: January 15, 1997

BY: John L. Roe

VP - Carrier and Regulatory Services
5454 West 110th Street
Overland Park, Kansas 66211



First Revised Page 107 Cancels Original Page 107

#### ACCESS SERVICE

### 3. <u>Carrier Common Line Access Service</u>

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### 3.7 Rate Regulations (Cont'd)

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(F) (Cont'd)

- (5) If the required documentation is not received by the Telephone Company, as described in 3.4.F. preceding, for any (Z) subsequent month, no adjustment or credit will be made until the required documentation is delivered to the Telephone company by the customer.
- (G) When the customer reports interstate and intrastate use of Switched Access Service, the intrastate Switched Access Service access minutes will be billed interLATA or intraLATA Carrier Common Line Charges based on the data reported by the customer as set forth in 2.3.14 (A) and 2.3.15. The appropriate intrastate Switched Access Service access minutes will, after adjustment as set forth in 3.7.F preceding, when necessary, be used to determine the Carrier Common Line Charges.

### 3.8 Rates and Charges

The rate for interLATA Carrier Common Line Access is:

Rate Per Access Minute

Rate Per Access Minute

-Terminating \$.085000 -Originating \$.044100

The rate for intraLATA Carrier Common Line Access is:

-Terminating \$.085715 -Originating \$.046800

CANCELLED

FILED

NOV 7 1393 93 - 181 PUBLIC SERVICE COMM.

ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE: November 7, 1993

Original Page 107

ACCESS SERVICE

RECEIVED

SEP 17 1992

- 3. <u>Carrier Common Line Access Service</u> (Cont'd)
  - 3.7 Rate Regulations (Cont'd)

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- (F) (Cont'd)
  - (5) If the required documentation is not received by the Telephone Company, as described in 3.4.F., preceding for any subsequent month, no adjustment or credit will be made until the required documentation is delivered to the Telephone company by the customer.
- (G) When the customer report interstate and intrastate use of Switched Access Service, the intrastate Switched Access Service access minutes will be billed interLATA or intraLATA Carrier Common Line Charges based on the date reported by the customer as set forth in 2.3.14 (A) and 2.3.15. The appropriate intrastate Switched Access Service access minutes will, after adjustment as set forth in 3.7.F preceding, when necessary, be used to determine the Carrier Common Line Charges.

### 3.8 Rates and Charges

The rate for interLATA Carrier Common Line Access is:

Premium Access, per minute

-Terminating

\$.0900

-Originating

\$.0547

The rate for intraLATA Carrier Common Line Access is:

Premium Access, per minute

-Terminating

\$.085715

-Originating

\$.052095

CANCELLED

NOV 7 1993 Public Service Commission MISSOURI

FILED

NOV 7 1992

ISSUED: September 17, 1992 BY: John L. Roe Vice President Administration 5454 West 110th Street Overland Park, Kansas, 66211 MO. PUBLIC SERVICE COMM. EFFECTIVE:

NOV 7 1002

Original Page 108

ACCESS SERVICE

4. Reserved For Future Use

#### 5. Ordering Options for Switched and Special Access Service

#### 5.1 General

This section sets forth the regulations and order related charges for Access Orders for Switched and Special Access Services. These charges are in addition to other applicable charges as set forth in other sections of this tariff.

An Access Order is an order to provide the customer with Switched Access Service or Special Access Service or to provide changes to existing services.

#### 5.1.1 Ordering Conditions

A customer may order any number of services of the same type and between the same premises on a single Access Order. All details for services for a particular order must be identical except for those for multipoint service.

The customer shall provide all information necessary for the Telephone Company to provide and bill for the requested service. In addition to the order information required in 5.2 following, the customer must also provide:

- Customer name and premises address(es).
- Billing name and address (when different from customer name and address).
- Customer's contact name(s) and telephone number(s) for the following provisioning activities: order negotiation, order confirmation, interactive design, installation and billing.

Orders for Feature Group A Switched Access Service shall be in lines.

Orders for Feature Group B Switched Access Service shall be in trunks.

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.1 General (Cont'd)
    - 5.1.1 Ordering Conditions (Cont'd)

The order date, which is known as the Application Date, is the date on which the Telephone Company receives a firm commitment and sufficient information from the customer to allow processing of the Access Order. The customer is advised of the Application Date at the time the Telephone Company gives the customer a firm order confirmation.

### 5.1.2 Provision of Other Services

- (A) Testing Service, Additional Labor, Restoration Priority and Special Facilities Routing may be ordered with an Access Order or as set forth in (B) following. The rates and charges for these services, as set forth in other sections of this tariff, will apply in addition to the ordering charges set forth in this section and the rates and charges for the Access Service with which they are associated.
- (B) With the agreement of the Telephone Company, the items listed in (A) preceding may subsequently be added to the order at any time, up to and including the service date for an Access Service. When added subsequently, charges for a design change as set forth in 5.2.2(C) following will apply when an engineering review is required.
- (C) Additional Engineering is not an ordering option, but will be applied to an Access Order when the Telephone Company determines that Additional Engineering is necessary to accommodate a customer request. Additional Engineering will only be required as set forth in 13.1 following. When it is required, the customer will be so notified and will be furnished with a written statement setting forth the justification for the Additional Engineering as well as an estimate of the charges. If the customer agrees to the Additional Engineering, a firm order will be established. If the customer does not want the service or facilities after being notified that Additional Engineering

#### 5. Ordering Options for Switched and Special Access Service (Cont'd)

#### General (Cont'd) 5.1

#### 5.1.2 Provision of Other Services (Cont'd)

#### (C) (Cont'd)

of Telephone Company facilities is required, the order will be withdrawn and no charges will apply. Once a firm order has been established, the total charge to the customer for the Additional Engineering may not exceed the estimated amount by more than 10%.

The regulations, rates and charges for Additional Engineering are as set forth in 13.1 following and are in addition to the regulations, rates and charges specified in this section.

### 5.1.3 Special Construction

The regulations, rates and charges for special construction are set forth in Section 14. following, and are in addition to the regulations, rates and charges specified in this section.

#### 5.2 Access Order

An Access Order is used by the Telephone Company to provide a customer Access Service as follows:

- Switched Access Services as set forth in 6. following,
- Special Access Services as set forth in 7. following, and
- Other Services as set forth in 5.1.2 preceding.

When placing an order for Access Service, the customer shall provide, at a minimum, the following information:

For Feature Group A Switched Access Service, the customer shall specify the number of lines and the first point of switching (i.e., dial tone office), the directionality of the service and the Local Transport and Local Switching options desired. In addition, the customer shall also specify which lines are to be arranged in multiline hunt group arrangements and which lines are to be provided as single lines.

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)

The customer shall also specify that the Feature Group A is to be provided with an extension to a different exchange, if applicable. When such an extension is specified on the order, the customer must also specify the customer's premises in the different exchange with the Switched Access Feature Group A, at which the FGA extension is to be terminated.

- For Feature Group B Switched Access Service, the customer shall specify the number of trunks and the end office when direct routing to the end office is desired or the access tandem switch when routing is desired via an access tandem switch and Local Transport options and Local Switching options desired. When ordering FGB trunks to an access tandem, the customer must also provide the Telephone Company an estimate of the amount of traffic it will generate to and/or from each end office subtending the access tandem to assist the Tele-phone Company in its own efforts to project further facility requirements. In addition, the customer shall also specify for terminating only access minutes whether the trunks are to be arranged in trunk group arrangements or provided as single trunks. The traffic type must also be specified using the same categories as described in 6.1.1(E) following, to enable efficient provisioning and billing functions.
- For Feature Group C and D Switched Access Service, the customer shall specify the number of trunks and the end office when direct routing to the end office is desired or the access tandem switch when routing is desired via an access tandem switch and the Local Transport and Local Switching options desired. When ordering FGC or FGD trunks to an access tandem, the customer must also provide the Telephone Company an estimate of the amount of traffic by type it will generate to and/or from each end office subtending the access tandem to assist the Telephone Company in its own efforts to project further facility requirements. The basic traffic type must also be specified using the same categories as described in 6.1.1(E) following, to enable efficient provisioning and billing functions. When a customer orders FGD, the customer is responsible to assure that sufficient access facilities have been ordered to handle its traffic.

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### ACCESS SERVICE

Ordering Options for Switched and Special Access Service (Cont'd) 5. Public Certico Commission

#### 5.2 Access Order (Cont'd)

The customer shall also specify that the Feature Group A is to be provided with an extension to a different exchange, if applicable. When such an extension is specified on the order, the customer must also specify the customer's premises in the different exchange with the Switched Access Feature Group A, at which the FGA extension is to be terminated.

For Feature Group B Switched Access Service, the customer shall specify the number of trunks and the end office when direct routing to the end office is desired or the access tandem switch when routing is desired via an access tandem switch and Local Transport options and Local Switching options desired. When ordering FGB trunks to an access tandem, the customer must also provide the Telephone Company an estimate of the amount of traffic it will generate to and/or from each end office subtending the access tandem to assist the Telephone Company in its own efforts to project further facility requirements. In addition, the customer shall also specify for terminating only access minutes whether the trunks are to be arranged in trunk group arrangements or provided as single trunks. The traffic type must also be specified using the same categories as described in 6.1.1(E) following, to enable efficient provisioning and billing functions.

For Feature Group C and D Switched Access Service, the customer shall specify the number of busy hour minutes of capacity (BHMC) from the customer's premises to the end office by Feature Group and traffic type. This information is used to determine the number of transmission paths as set forth in 6.5.5 following. customer shall also specify the Local Transport and Local Switching options.

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Customers other than AT&T may, at their option, order FGD by specifying the number of trunks and the end office when direct routing to the end office is desired or the access tandem switch Public Service Commission when routing is desired via an access tandem and the Local Transport and Local Switching Options desired. When ordering by trunk quantities rather than BHMC quantities to an access tandem, the customer must also provide the Telephone Company an estimate of the amount of traffic by type it will generate to and/or from each end office subtending the access tandem to assist the Telephone Company in its own efforts to project further facility requirements. The basic type must be specified using a later

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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First Revised Page 113 Cancels Original Page 113

#### **ACCESS SERVICE**

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)
    - the same categories as described in 6.1.1(E) following, to enable efficient provisioning and billing functions. When a customer orders *FGD*, *the* customer is responsible to assure that sufficient access facilities have been ordered to handle its traffic.

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- For all Special Access Services, the customer must specify the customer designated premises or Hubs involved, the type of service (e.g., Video, Voice Grade, High Capacity, etc.), the channel interface, technical specification package and options desired. For multipoint services, the channel interface at each premises may, at the request of the customer, be different but all such interfaces shall be compatible.

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SEP 17 1992

#### ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Conted)

### 5.2 Access Order (Cont'd)

the same categories as described in 6.1.1(E) following, to enable efficient provisioning and billing functions.

When a customer orders FGD in trunks, the customer is responsible to assure that sufficient access facilities have been ordered to handle its traffic. When a customer orders in BHMC quantities, the Telephone Company assumes the traffic engineering responsibility and will determine the facilities required to meet the customers BHMC requirement. Since only one party can carry out the requisite engineering, a customer cannot order some FGD Access in BHMCs and other FGD Access in trunks in the same exchange. If a customer wishes to convert its ordering basis in the exchange from trunks to BHMCs or BHMCs to trunks, the Telephone Company will work cooperatively with the customer to make the conversion.

For all Special Access Services, the customer must specify the customer designated premises or Hubs involved, the type of service (e.g., Video, Voice Grade, High Capacity, etc.), the channel interface, technical specification package and options desired. For multipoint services, the channel interface at each premises may, at the request of the customer, be different but all such interfaces shall be compatible.

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#### **ACCESS SERVICE**

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)
    - When a customer desires Switched Access Service to an end office that is a remote switching office, the customer must order to the host office which controls the remote switching office since all traffic to and/or from a remote switching office must be routed through the host office.
    - For WATS Access Line Service the customer must also specify the type of calling (i.e., originating only or terminating only) for which the service is to be pro-vided, the type of WAL (i.e., interLATA only or jointly provisioned WAL), the TFC telephone number the customer has assigned to the terminating WATS Access Line Service, the type of address signaling and the type of supervisory signaling. When WATS Access Line Service is ordered for use in terminating TFC Access Service traffic, the customer shall specify the Switched Access Feature Group that will carry this terminating traffic. When Feature Group A (FGA) access is used in conjunction with WATS Access Line Service, the customer must also identify the FGA seven digit local telephone number used to complete the TFC Access Service calls. Additionally, when the necessary screening functions are not provided at the wire center which serves the customer's originating or terminating premises, the Telephone Company will provide the service to the nearest wire center where capacity exists. In these circumstances, the customer will be so notified and the order will be changed to designate the appropriate premises. No charge will apply for the change. In addition, the customer must specify that the WATS Access Line is to be provided with an extension in the same or a different LATA, if applicable. When such an extension is specified, the customer must provide either (1) the end user premises (for an intraLATA extension) or (2) the customer-designated premises (for an extension in a different LATA) to which the extension is to be provided.
    - For Toll Free Code (TFC) Access Service, the customer shall order in the same manner which is set forth preceding for ordering Feature Group D, except that customers may request direct connections to only those end offices and access tandems equipped with TFC Service Switching Point (TFC SSP) functionality. All TFC traffic originating from end offices not equipped with the TFC SSP function must be routed via an access tandem at which the function is available and the TFC Access Service must be ordered accordingly. TFC SSP locations are identified in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4. The TFC Access Service customer must advise its Responsible Organization or the TFC Service Management System (TFC SMS) whether the TFC to Local Exchange Number Translation optional

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#### ACCESS SERVICE

MAR 27 1995

- Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)

MISSOURI Public Service Commission

- When a customer desires Switched Access Service to an end office that is a remote switching office, the customer must order to the host office which controls the remote switching office since all traffic to and/or from a remote switching office must be routed through the host office.
- For WATS Access Line Service the customer must also specify the type of calling (i.e., originating only or terminating only) for which the service is to be provided, the type of WAL (i.e., interLATA only or jointly provisioned WAL), the TFC telephone number the customer has assigned to the terminating WATS Access Line Service, the type of address signaling and the type of supervisory signaling. When WATS Access Line Service is ordered for use in terminating TFC Access Service traffic, the customer shall specify the Switched Access Feature Group that will carry this terminating traffic. When Feature Group A (FGA) access is used in conjunction with WATS Access Line Service, the customer must also identify the FGA seven digit local telephone number used to complete the TFC Access Service calls. Additionally, when the necessary screening functions are not provided at the wire center which serves the customer's originating or terminating premises, the Telephone Company will provide the service to the nearest wire center where capacity exists. In these circumstances, the customer will be so notified and the order will be changed to designate the appropriate premises. No charge will apply for the change. In addition, the customer must specify that the WATS Access Line is to be provided with an extension in the same or a different LATA, if applicable. When such an extension is specified, the customer must provide either (1) the end user premises (for an intraLATA extension) or (2) the customer-designated premises (for an extension in a different LATA) to which the extension is to be provided.

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For TFC Access Service, the customer shall order in the same manner which is set forth preceding for ordering Feature Group D, except that customers may request direct connections to only those end offices and access tandems equipped with TFC Service Switching Point (TFC SSP) functionality. All TFC traffic originating from end offices not equipped with the TFC SSP function must be routed via an access tandem at which the function is available and the TFC Access Service must be ordered accordingly. locations are identified in the National Exchange Carrier Association Tariff F.C.C. No. 4. The TFC Access Service customer must advise its Responsible Organization or the TFC Service Management System (TFC SMS) whether the TFC #6 EO ELOCAL Exchange Number Translation optional

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ISSUED: March 27, 1996 BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

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#### ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

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### 5.2 Access Order (Cont'd)

- When a customer desires Switched Access Service to an lend office that is a remote switching office, the customer must order to the host office which controls the remote switching office since all traffic to and/or from a remote switching office must be routed through the host office.
  - For WATS Access Line Service the customer must also specify the type of calling (i.e., originating only or terminating only) for which the service is to be provided, the type of WAL (i.e., interLATA only or jointly provisioned WAL), the 800 telephone number the customer has assigned to the terminating WATS Access Line Service, the type of address signaling and the type of supervisory signaling. When WATS Access Line Service is ordered for use in terminating 800 Access Service traffic, the customer shall specify the Switched Access Feature Group that will carry this terminating traffic. When Feature Group A (FGA) access is used in conjunction with WATS Access Line Service, the customer must also identify the FGA seven digit local telephone number used to complete the 800 Access Service calls. Additionally, when the necessary screening functions are not provided at the wire center which serves the customer's originating or terminating premises, the Telephone Company will provide the service to the nearest wire center where capacity exists. In these circumstances, the customer will be so notified and the order will be changed to designate the appropriate premises. No charge will apply for the change. In addition, the customer must specify that the WAJ Access Line is to be provided with an extension in the different LATA, if applicable. When such an extension is specified, the customer must provide either (1) the end user premises (for an intraLATA extension) or (2) the customer-9 1996 designated premises (for an extension in a different PRTA) to #117 which the extension is to be provided.
  - For 800 Access Service, the customer shall order in Genice Commission (I manner which is set forth preceding for ordering feature order D, except that customers may request direct connections to only those end offices and access tandems equipped with 800 Service Switching Point (800 SSP) functionality. All 800 traffic originating from end offices not equipped with the 800 SSP function must be routed via an access tandem at which the function is available and the 800 Access Service must be ordered accordingly. 800 SSP locations are identified in the National Exchange Carrier Association Tariff F.C.C. No. 4. The 800 Access Service customer must advise its Responsible Organization or the 800 Service Management System (800 SMS) whether the 800 to Local Exchange Number Translation optional (1

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5. Ordering Options for Switched and Special Access Service (Cont'd)

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5.2 Access Order (Cont'd)

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- When a customer desires Switched Access Service to an end office that is a remote switching office, the customer must order to the host office which controls the remote switching office since all traffic to and/or from a remote switching office must be routed through the host office.
  - For WATS Access Line Service the customer must also specify the type of calling (i.e., originating only or terminating only) for which the service is to be provided, the type of WAL (i.e., interLATA only or jointly provisioned WAL), the 800 telephone number the customer has assigned to the terminating WATS Access Line Service, the type of address signaling and the type of supervisory signaling. When WATS Access Line Service is ordered for use in terminating 800 Access Service traffic, the customer shall specify the Switched Access Feature Group that will carry this terminating traffic. When Feature Group A (FGA) access is used in conjunction with WATS Access Line Service, the customer must also identify the FGA seven digit local telephone number used to complete the 800 Access Service calls. Additionally, when the necessary screening functions are not provided at the wire center which serves the customer's originating or terminating premises, the Telephone Company will provide the service to the nearest wire center where capacity exists. In these circumstances, the customer will be so notified and the order will be changed to designate the appropriate premises. No charge will apply for the change. In addition, the customer must specify that the WATS Access Line is to be provided with an extension in the same or a different LATA, if applicable. When such an extension is specified, the customer must provide either (1) the end user premises (for an intraLATA extension) or (2) the customerdesignated premises (for an extension in a different LATA) to which the extension is to be provided.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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#### **ACCESS SERVICE**

#### Ordering Options for Switched and Special Access Service (Cont'd)

#### 5.2 Access Order (Cont'd)

feature set forth in Section 6.2.5 following is desired. When the TFC to Local Exchange Number Translation feature is to be delivered to the customer, the customer must provide, via the TFC record in the TFC SMS, the ten digit local exchange number (NPA-NXX-XXXX) to be associated with the translated TFC number. If the TFC to Local Exchange Number Translation optional feature is used, the customer will be unable to determine that such calls originated as 1+TFC-NXX-XXXX dialed calls unless the customer also orders the Flexible Automatic Number Identification (Flex ANI) optional feature.

In addition, when a local exchange number is to be delivered to the TFC Access Service customer, the customer must provide to its Responsible Organization or to the TFC Service Management System (TFC SMS), the ten digit local exchange number to be associated with the translated TFC number.

If the customer desires any of the TFC Data Base Optional Service Features described in Section 6.2.5, the customer must enter this information into the TFC SMS or provide the information to its Responsible Organization for handling. Optional features are not available to customers of interexchange carriers for use in connection with interLATA TFC services.

For Interim 500 or 900 Access Service, the customer shall order in the same manner which is set forth preceding for ordering Feature Group D, except that customers may request direct connections to only those end offices designated by the Telephone Company as Interim 500 or 900 Access Service screening offices. Additionally, when new NXX(s) are to be opened in the state, for exchanges served by the Telephone Company, or when existing NXX(s) are to be deleted, and such change is to occur coincident with the service date established for the order, the customer shall provide such information when placing the order for service. If the change is to occur absent the requirement for additional capacity (i.e., quantities of trunks), the customer shall notify the Telephone Company of the change as set forth in 6.6.1(C) and 6.6.1(D) following. All 500 or 900 number assignments and administration shall be in accordance with the North American Numbering Plan (NANP).

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When Switched Access Service is ordered in trunks, the trunks may be determined by the customer in the following manner. For each day the customer shall determine the highest number of trunks in use for a single hour. The customer shall, for the same hour period (i.e., busy hour), pick the twenty consecutive business days in a

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#### ACCESS SERVICE

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- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)

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feature set forth in Section 6.2.5 following is desired. When the TFC to Local Exchange Number Translation feature is to bourd delivered to the customer, the customer must provide the Cheunts: On record in the TFC SMS, the ten digit local exchange number (NPA-NXX-XXXX) to be associated with the translated TFC number. If the TFC to Local Exchange Number Translation optional feature is used, the customer will be unable to determine that such calls originated as 1+TFC-NXX-XXXX dialed calls unless the customer also orders the Flexible Automatic Number Identification (Flex ANI) optional feature.

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In addition, when a local exchange number is to be delivered to the TFC Access Service customer, the customer must provide to its Responsible Organization or to the TFC Service Management System (TFC SMS), the ten digit local exchange number to be associated with the translated TFC number.

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If the customer desires any of the TFC Data Base Optional Service Features described in Section 6.2.5, the customer must enter this information into the TFC SMS or provide the information to its Responsible Organization for handling. Optional features are not available to customers of interexchange carriers for use in connection with interLATA TFC services.

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For Interim 500 or 900 Access Service, the customer shall order in the same manner which is set forth preceding for ordering Feature Group D, except that customers may request direct connections to only those end offices designated by the Telephone Company as Interim 500 or 900 Access Service screening offices. Additionally, when new NXX(s) are to be opened in the state, for exchanges served by the Telephone Company, or when existing NXX(s) are to be deleted, and such change is to occur coincident with the service date established for the order, the customer shall provide such information when placing the order for service. If the change is to occur absent the requirement for additional capacity (i.e., quantities of trunks), the customer shall notify the Telephone Company of the change as set forth in 6.6.1(C) and 6.6.1(D) following. All 500 or 900 number assignments and administration shall be in accordance with the North American Numbering Plan (NANP).

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When Switched Access Service is ordered in BHMC, the BHMC may be determined by the customer in the following manner. For each day, the customer shall determine the highest number of minutes of use for a single hour (e.g., 55 minutes in the 10-11 AM hour). The customer shall, for the same hour period (i.e., busy hour), pick the twenty consecutive business days in a calendar year which add up to the largest number of minutes of use. Both originating and terminating minutes shall be included on two way groups. The customer shall then determine the average busy hour minutes of capacity (i.e., BHMC) by dividing the largest number of minutes of use figure for the same hour period for the consecutive business day period by 20. This computation shall be performed for each end office the customer wishes to serve. When Switched Access Service is ordered in trunks, the trunks may be determined by the customer in the following manner. For each day the customer shall determine the highest number of trunks in Cuse for a range single hour. The customer shall, for the same hour period (1.2.) busy hour), pick the twenty consecutive business days in a

ISSUED:

March 27, 1996 BY: John L. Roe Vice President - Carrier and Regulatory Services

EFFECTIVE: April 29, 1996

5454 West 110th Street Overland Park, Kansas 66211

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#### ACCESS SERVICE

## Ordering Options for Switched and Special Access Service Cont

#### Access Order (Cont'd)

feature set forth in Section 6.2.5 following is desired. 1 1 When 5 the 800 to Local Exchange Number Translation feature is to be delivered to the customer, the customer must provide, via the 800 record in the 800 SMS, the ten digit local exchange number (NPA NXX-XXXX) to be associated with the translated sports in the customer must provide, via the 800 NXX-XXXX). 800 to Local Exchange Number Translation optional feature is used, the customer will be unable to determine that such calls originated as 1+800-NXX-XXXX dialed calls unless the customer also orders the Flexible Automatic Number Identification (Flex ANI) optional feature.

In addition, when a local exchange number is to be delivered to the 800 Access Service customer, the customer must provide to its Responsible Organization or to the 800 Service Management System (800 SMS), the ten digit local exchange number to be associated with the translated 800 number.

If the customer desires any of the 800 Data Base Optional Service Features described in Section 6.2.5, the customer must enter this information into the 800 SMS or provide the information to its Responsible Organization for handling. Optional features are not available to customers of interexchange carriers for use in connection with interLATA 800 services.

For Interim 500 or 900 Access Service, the customer shall order in the same manner which is set forth preceding for ordering Feature Group D, except that customers may request direct connections to only those end offices designated by the Telephone Company as Interim 500 or 900 Access Service screening offices. Additionally, when new NXX(s) are to be opened in the state, for exchanges served by the Telephone Company, or when existing NXX(s) are to be deleted, and such change is to occur coincident with the service date established for the order, the customer shall prove such information when placing the order for service. Calculational capacity (i.e., quantities of trunks), the customer shall notify the Telephone Company of the change as set forth in 6.6.1(C) and

Numbering Plan (NANP).

When Switched Access Service is ordered in BHMC, the Missenice Commission determined by the customer in the following manner: for any 50 minutes of use for a single hour (e.g., 55 minutes in the 10-11 AM hour). for a single hour (e.g., 55 minutes in the 10-11 AM hour). The customer shall, for the same hour period (i.e., busy hour), pick the twenty consecutive business days in a calendar year which add up to the largest number of minutes of use. Both originating and terminating minutes shall be included on two way groups. The customer shall then determine the average busy hour minutes of capacity (i.e., BHMC) by dividing the largest number of minutes of use figure for the same hour period for the consecutive twenty business day period by 20. This computation shall be performed for each end office the customer wishes to serve. When Switched Access Service is ordered in trunks, the trunks may be determined by the customer in the following manner. For each day the customer shall determine the highest number of trunks in use for a single hour. The customer shall, for the same hour period (i.e., busy hour), pick the twenty consecutive business days in a

ISSUED: January 11, 1995

EFFECTIVE: Febragy RI1, 1995 BY: John L. Roe Vice President - Carrier and Regulatory Servicese Commission 5454 West 110th Street Overland Park, Kansas 66211

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ACCESS SERVICE

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5. Ordering Options for Switched and Special Access Service (Cont'd)

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feature set forth in Section 6.2,5 following is desired. When the 800 to Local Exchange Number Translation feature is to be delivered to the customer, the customer must provide, via the 800 record in the 800 SMS, the ten digit local exhange number (NPA-NXX-XXXX) to be associated with the translated 800 number. If the 800 to Local Exchange Number Translation optional feature is used, the customer will be unable to determine that such calls originated as 1+800-NXX-XXXX dialed calls unless the customer also orders the Flexible Automatic Number Identification (Flex ANI) optional feature.

In addition, when a local exchange number is to be delivered to the 800 Access Service customer, the customer must provide to its Responsible Organization or to the 800 Service Management System (800 SMS), the ten digit local exchange number to be associated with the translated 800 number.

If the customer desires any of the 800 Data Base Optional Service Features described in Section 6.2.5, the customer must enter this information into the 800 SMS or provide the information to its Responsible Organization for handling. Optional features are not available to customers of interexchange carriers for use in connection with interLATA 800 services.

When Switched Access Service is ordered in BHMC, the BHMC may be determined by the customer in the following manner. For each day, the customer shall determine the highest number of minutes of use for a single hour (e.g., 55 minutes in the 10-11 AM hour). The customer shall, for the same hour period (i.e., busy hour), pick the twenty consecutive business days in a calendar year which add up to the largest number of minutes of use. Both originating and terminating minutes shall be included on two way groups. The customer shall then determine the average busy hour minutes of capacity (i.e., BHMC) by dividing the largest number of minutes of use figure for the same hour period for the consecutive twenty business day period by 20. This computation shall be performed for each end office the customer wishes to serve. When Switched Access Service is ordered in trunks, the trunks may be determined by the customer in the following manner. For each day the customer shall determine the highest number of trunks in use for a single hour. The customer shall, for the same hour period (i.e, busy hour), pick the twenty consecutive business days in a calendar year which add up to the largest number of trunks in use. The customer shall then determine the average busy hour trunks by dividing the largest number of trunks in use figure, for the same hour period, for the consecutive twenty business day period to this computation shall be performed for each end office and/or access tandem the customer wishes FEB 111995

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ISSUED: March 31, 1993 Vice President - APHOLOGICAL May 1 1000

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd) Public Statics Commission

When Switched Access Service is ordered in BHMC, the BHMC may be determined by the customer in the following manner. For each day, the customer shall determine the highest number of minutes of use for a single hour (e.g., 55 minutes in the 10-11 AM hour). The customer shall, for the same hour period (i.e., busy hour), pick the twenty consecutive business days in a calendar year which add up to the largest number of minutes of use. Both originating and terminating minutes shall be included on two way groups. The customer shall then determine the average busy hour minutes of capacity (i.e., BHMC) by dividing the largest number of minutes of use figure for the same hour period for the consecutive twenty business day period by 20. This computation shall be performed for each end office the customer wishes to serve. When Switched Access Service is ordered in trunks, the trunks may be determined by the customer in the following manner. For each day the customer shall determine the highest number of trunks in use for a single hour. The customer shall, for the same hour period (i.e, busy hour), pick the twenty consecutive business days in a calendar year which add up to the largest number of trunks in use. The customer shall then determine the average busy hour trunks by dividing the largest number of trunks in use figure, for the same hour period, for the consecutive twenty business day period by 20. This computation shall be performed for each end office and/or access tandem the customer wishes to serve.

Where the Special Access Service is exempt from the Special Access Surcharge as set forth in 7.4.2 following, the customer shall furnish with the order the certification as set forth in that section.

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#### 5. Ordering Options for Switched and Special Access Service (Cont'd)

#### Access Order (Cont'd)

calendar year which add up to the largest number of trunks in use. The customer shall then determine the average busy hour trunks by dividing the largest number of trunks in use figure, for the same hour period, for the consecutive twenty business day period by 20. This computation shall be performed for each end office and/or access tandem the customer wishes to serve.

Where the Special Access Service is exempt from the Special Access Surcharge as set forth in 7.4.2 following, the customer shall furnish with the order the certification as set forth in that section.

#### 5.2.1 Access Order Service Date Intervals

Access Service is provided with one of the following Service Date Intervals:

- Standard Interval
- Negotiated Interval

To the extent the Access Service can be made available with reasonable effort, the Telephone Company will provide the Access Service in accordance with the customer's requested interval, subject to the following conditions:

#### (A) Standard Interval

A schedule of Standard Intervals applicable for Switched and Special Access Services is included in 5.6 following. The schedule specifies the services and quantities that can be provided within Standard Intervals.

Access Services provided with a standard interval will be installed during Telephone Company business day. If a customer requests that installation be done outside of normally scheduled working hours, and the Telephone Company agrees to this request, the customer will be subject to applicable Additional Labor Charges as set forth in 13.2.6 following.

#### (B) Negotiated Interval

The Telephone Company will negotiate a service date interval with the customer when:

- (1) There is no Standard Interval for the service,
- (2) The quantity of Access Services ordered exceeds the quantities specified in the standard intervals in 5.6, or
- (3) The customer requests a service date beyond the applicable Standard Interval service date.

ISSUED:

Richard D. Lawson January 11, 1995 State Executive, External Affairs February 11, 1995

EFFECTIVE:

First Revised Page 116 Cancels Original Page 116

#### ACCESS SERVICE

## Ordering Options for Switched and Special Access Service (Cont'd) AR 3 1 1093

#### 5.2 Access Order (Cont'd)

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Where the Special Access Service is exempt from the Special Access Surcharge as set forth in 7.4.2 following, the customer shall furnish with the order the certification as set forth in that section.

### 5.2.1 Access Order Service Date Intervals

Access Service is provided with one of the follo (A) Celted Date Intervals:

- Standard Interval
- Negotiated Interval

BY 2 - 4 R. S. # 116 reasonable effort, the Telephone Company will be reasonable accordance with the customer's will street the customer's service in accordance with the customer's service can be made available womanission. interval, subject to the following conditions:

#### Standard Interval

A schedule of Standard Intervals applicable for Switched and Special Access Services is included in 5.6 following. The schedule specifies the services and quantities that can be provided within Standard Intervals.

Access Services provided with a standard interval will be installed during Telephone Company business day. If a customer requests that installation be done outside of normally scheduled working hours, and the Telephone Company agrees to this request, the customer will be subject to applicable Additional Labor Charges as set forth in 13.2.6 following.

#### Negotiated Interval (B)

The Telephone Company will negotiate a service date interval with the customer when:

- (1) There is no Standard Interval for the service,
- (2) The quantity of Access Services ordered exceeds the quantities specified in the standard intervals in 5.6, or
- (3) The customer requests a service date beyond the applicable Standard Interval service date.

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ISSUED: March 31, 1993

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: May 1, 1993

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#### ACCESS SERVICE

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Ordering Options for Switched and Special Access Service (Cont'd) SEP 17 1992 5.

#### 5.2 Access Order (Cont'd)

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#### 5.2.1 Access Order Service Date Intervals

Access Service is provided with one of the following Service Date Intervals:

- Standard Interval
- Negotiated Interval

To the extent the Access Service can be made available with reasonable effort, the Telephone Company will provide the Access Service in accordance with the customer's requested interval, subject to the following conditions:

#### (A) Standard Interval

A schedule of Standard Intervals applicable for Switched and Special Access Services is included in 5.6 following. schedule specifies the services and quantities that can be provided within Standard Intervals.

Access Services provided with a standard interval will be installed during Telephone Company business day. If a customer requests that installation be done outside of normally scheduled working hours, and the Telephone Company agrees to this request, the customer will be subject to applicable Additional Labor Charges as set CANCELISED following. following.

#### . (B) Negotiated Interval

The Telephone Company will negotiate a service date of Public Service Commission with the customer when: MISSOURI

- There is no Standard Interval for the service, (1)
- (2) The quantity of Access Services ordered exceeds the quantities specified in the standard intervals in 5.6, or
- The customer requests a service date beyond the (3) applicable Standard Interval service date.

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ISSUED: September 17, 1992

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#### ACCESS SERVICE

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)
    - 5.2.1 Access Order Service Date Intervals (Cont'd)
      - (B) Negotiated Interval (Cont'd)

The Telephone Company will offer a service date based on the type and quantity of Access Services the customer has requested. The Negotiated Interval may not exceed by more than six months the Standard Interval Service date, or, when there is no Standard Interval, the Telephone Company offered service date.

All part-time Television and Program Audio service are provided with a Negotiated Interval. Each service is subject to a service inquiry. A service inquiry is a request to the Telephone Company to determine if facilities exist to provide the service ordered and to determine the service date on which service can be provided to the customer.

All services for which rates are applied on an individual case basis are provided with a Negotiated Interval.

#### 5.2.2 Access Order Modifications

The customer may request a modification of its Access Order at any time prior to notification by the Telephone Company that service is available for the customer's use. The Telephone Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours. If the modification cannot be made with the normal work force during normal business hours, the Telephone Company will notify the customer. If the customer still desires the Access Order modification, the Telephone Company will schedule a new service date. All charges for Access Order modifications will apply on a per access order basis.

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#### ACCESS SERVICE

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- 5. Ordering Options for Switched and Special Access Service (CHill'd)2 1994
  - 5.2 <u>Access Order</u> (Cont'd)

MISSOURI Public Service Commission

- 5.2.1 Access Order Service Date Intervals (Cont'd)
  - (B) <u>Negotiated Interval</u> (Cont'd)

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Public Service Commission
EFFECTIVE DATE:
July 5, 1994

ISSUED: June 2, 1994

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- Ordering Options for Switched and Special Access Service (Cont'd) 5.
  - 5.2 Access Order (Cont'd)

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- 5.2.1 Access Order Service Date Intervals (Cont'd)
  - Negotiated Interval (Cont'd) (B)

The Telephone Company will offer a service date based on the type and quantity of Access Services the customer has requested. The Negotiated Interval may not exceed by more than six months the Standard Interval Service date, or, when there is no Standard Interval, the Telephone Company offered service date.

All part-time Television and Program Audio service are provided with a Negotiated Interval. Each service is subject to a service inquiry. A service inquiry is a request to the Telephone Company to determine if facilities exist to provide the service ordered and to determine the service date on which service can be provided to the customer.

All services for which rates are applied on an individual case basis are provided with a Negotiated Interval.

### 5.2.2 Access Order Modifications

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ISSUED: September 17, 1992

#### 5. Ordering Options for Switched and Special Access Service (Cont'd)

#### 5.2 Access Order (Cont'd)

### 5.2.2 <u>Access Order Modifications</u> (Cont'd)

When Telephone Company personnel are dispatched to install a customer's service on the requested service date, and the customer advises the Telephone Company personnel that service cannot be accepted at that time, the customer shall be responsible for payment of additional labor charges for the time incurred by Telephone Company personnel. The additional labor charges will be applied on per half hour, per technician basis as set forth in 13.2 following.

Any increase in the number of Special Access Service channels or Switched Access Service lines *or trunks will* be treated as a new Access Order (for the increased amount only).

(C)

If order modifications are necessary to satisfy the transmission performance for a Special Access Service ordered by a customer, these changes will be made without order modification charges being incurred by the customer.

### (A) Service Date Change Charge

Access Order service dates for the installation of new services or rearrangements of existing services may be changed, but the new service date may not exceed the original service date by more than 120 calendar days. When, for any reason, the customer indicates that service cannot be accepted for a period not to exceed 120 calendar days, and the Telephone Company accordingly delays the start of service, a Service Date Change Charge will apply. If the customer requested service date is more than 120 calendar days after the original service date, the order will be canceled by the Telephone Company and reissued with the appropriate cancellation charges applied unless the customer indicates that billing for the service is to commence as set forth in 5.2.3(A) following.

SPRINT MISSOURI, INC. d/b/a SPRINT

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### Missouri Public Service Commission

ACCESS SERVICE

**REC'D MAY 03** 2000

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)
    - 5.2.2 Access Order Modifications (Cont'd)

When Telephone Company personnel are dispatched to install a customer's service on the requested service date, and the customer advises the Telephone Company personnel that service cannot be accepted at that time, the customer shall be responsible for payment of additional labor charges for the time incurred by Telephone Company personnel. The additional labor charges will be applied on per half hour, per technician basis as set forth in 13.2 following.

Any increase in the number of Special Access Service channels or Switched Access Service lines, trunks, busy hour minutes of capacity will be treated as a new Access Order (for the increased amount only).

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(M) Material moved to Page 119.

ISSUED: May 3, 2000 Richard D. Lawson State Executive, External Affairs EFFECTIVE: June 2, 2000

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#### ACCESS SERVICE

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- 5. Ordering Options for Switched and Special Access Service (Cont 14) 2 1994
  - 5.2 Access Order (Cont'd)

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Public Service Commission

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5.2.2 Access Order Modifications (Cont'd)

Any increase in the number of Special Access Service channels or Switched Access Service lines, trunks, busy hour minutes of capacity will be treated as a new Access Order (for the increased amount only).

If order modifications are necessary to satisfy the transmission performance for a Special Access Service ordered by a customer, these changes will be made without order modification charges being incurred by the customer.

#### (A) Service Date Change Charge

Access Order service dates for the installation of new services or rearrangements of existing services may be changed, but the new service date may not exceed the original service date by more than 120 calendar days. When, for any reason, the customer indicates that service cannot be accepted for a period not to exceed 120 calendar days, and the Telephone Company accordingly delays the start of service, a Service Date Change Charge will apply. If the customer requested service date is more than 120 calendar days after the original service date, the order will be canceled by the Telephone Company and reissued with the appropriate cancellation charges applied unless the customer indicates that billing for the service is to commence as set forth in 5.2.3(A) following.

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Public Service Commission
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A new service date may be established that is prior to the original standard or negotiated interval service date if the Telephone Company determines it can accommodate the customer's request without delaying service dates for orders of other customers. If the service date is changed to an earlier date, the customer will be notified by the Telephone Company that Expedited Order Charges as set forth in (D) following will apply. Such charges will apply in addition to the Service Date Charge Charge.

JUL - 5 1994

ISSUED: June 2, 1994 John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 MISSOURI EFFE PHOLE SETVICE Commission

July 5, 1994

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ACCESS SERVICE

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5. Ordering Options for Switched and Special Access Service (Cont'd)

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5.2 Access Order (Cont'd)

5.2.2 Access Order Modifications (Cont'd)

Any increase in the number of Special Access Service channels or Switched Access Service lines, trunks, busy hour minutes of capacity will be treated as a new Access Order (for the increased amount only).

If order modifications are necessary to satisfy the transmission performance for a Special Access Service ordered by a customer, these changes will be made without order modification charges being incurred by the customer.

#### (A) Service Date Change Charge

Access Order service dates for the installation of new services or rearrangements of existing services may be changed, but the new service date may not exceed the original service date by more than 30 calendar days. When, for any reason, the customer indicates that service cannot be accepted for a period not to exceed 30 calendar days, and the Telephone Company accordingly delays the start of service, a Service Date Change Charge will apply. If the customer requested service date is more than 30 calendar days after the original service date, the order will be canceled by the Telephone Company and reissued with the appropriate cancellation charges applied unless the customer indicates that billing for the service is to commence as set forth in 5.2.3(A) following.

A new service date may be established that is prior to the original standard or negotiated interval service date if the Telephone Company determines it can accommodate the customer's request without delaying service dates for orders of other customers. If the service date is changed to an earlier date, the customer will be notified by the Telephone Company that Expedited Order Charges as set forth in (D) following will apply. Such charges will apply in addition to the Service Date Charges Charge.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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- 5. <u>Ordering Options for Switched and Special Access Service</u> (Cont'd)
  - 5.2 Access Order (Cont'd)
    - 5.2.2 Access Order Modifications (Cont'd)
      - (A) Service Date Change Charge (Cont'd)

A new service date may be established that is prior to the original standard or negotiated interval service date if the Telephone Company determines it can accommodate the customer's request without delaying service dates for orders of other customers. If the service date is changed to an earlier date, the customer will be notified by the Telephone Company that Expedited Order Charges as set forth in (D) following will apply. Such charges will apply in addition to the Service Date Charge Charge.

A Service Date Change Charge will apply, on a per order occurrence basis, for each service date changed. The applicable charge is:

**Charge** 

Service Date Change Charge per order

\$11.00

#### (B) Partial Cancellation Charge

Any decrease in the number of ordered Special Access Service channels or Switched Access Service lines *or trunks will* be treated as a partial cancellation and the charges as set forth in 5.2.3(C) following will apply.

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#### ACCESS SERVICE

Ordering Options for Switched and Special Access Service (Cont'd)

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- Access Order (Cont'd)
  - 5.2.2 Access Order Modifications (Cont'd)

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(A) Service Date Change Charge (Cont'd)

A new service date may be established that is prior to the original standard or negotiated interval service date if the Telephone Company determines it can accommodate the customer's request without delaying service dates for orders of other customers. If the service date is changed to an earlier date, the customer will be notified by the Telephone Company that Expedited Order Charges as set forth in (D) following will apply. Such charges will apply in addition to the Service Date Change Charge.

A Service Date Change Charge will apply, on a per order occurrence basis, for each service date changed. The applicable charge is:

> (C) Charge

Service Date Change Charge per order \$11.00 (C)

(B) Partial Cancellation Charge

Any decrease in the number of ordered Special Access Service channels or Switched Access Service lines, trunks, busy hour minutes of capacity, will be treated as a partial cancellation and the charges as set forth in 5.2.3(C) following will apply.

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ISSUED: May 3, 2000

Richard D. Lawson State Executive, External Affairs

EFFECTIVE: June 2, 2000

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#### ACCESS SERVICE

- 5. Ordering Options for Switched and Special Access Service (Cont'd) MESSOUPI Public Commuser.
  - 5.2 Access Order (Cont'd)
    - 5.2.2 Access Order Modifications (Cont'd)
      - (A) Service Date Change Charge (Cont'd)

A Service Date Change Charge will apply, on a per order occurrence basis, for each service date changed. The applicable charge is:

	<u>USOC</u>	Charge
Service Date Change Charge per order	омс	\$11.00

(B) Partial Cancellation Charge

Any decrease in the number of ordered Special Access Service channels or Switched Access Service lines, trunks, busy hour minutes of capacity, will be treated as a partial cancellation and the charges as set forth in 5.2.3(C) following will apply.

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ISSUED: September 17, 1992

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)
    - 5.2.2 Access Order Modifications (Cont'd)
      - (C) Design Change Charge

The customer may request a design change to the service ordered. A design change is any change to an Access Order which requires engineering review. An engineering review is a review by Telephone Company personnel of the service ordered and the requested changes to determine what changes in the design, if any, are necessary to meet the changes requested by the customer. Design changes include such things as the addition or deletion of optional features or functions or a change in the type of Transport Termination (Switched Access only), type of channel interface, type of Interface Group or technical specification package. Design changes do not include a change of customer premises, end user premises, end office switch, Feature Group type or Special Access Service channel type. Changes of this nature will require the issuance of a new order and the cancellation of the original order with appropriate cancellation charges applied.

The Telephone Company will review the requested change, notify the customer whether the change is a design change, if it can be accommodated and if a new service date is required. If the customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge will apply. The Design Change Charge will apply on a per order occurrence basis, for each order requiring a design change. The applicable charge is:

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)
    - 5.2.2 Access Order Modifications (Cont'd)
      - (C) <u>Design Change Charge</u> (Cont'd)

**Charge** 

Design Change Charge, Per Order

\$11.00

(D) If, as a result of the charge, the original service date cannot be met without the Telephone Company incurring additional labor, and the customer provides authorization to the Telephone Company to proceed, then the charges as set forth in Section 13 will apply. If the customer is unwilling to pay such costs, the service date must be changed in accordance with (A) preceding as a result of the design change.



#### **Expedited Order Charge**

When placing an Access Order for service(s) for which standard intervals exist, a customer may request a service date that is prior to the standard interval service date. A customer may also request an earlier service date on a pending standard or negotiated interval Access Order. If the Telephone Company agrees to provide service on an expedited basis, an Expedited Order Charge will apply.

If the Telephone Company is subsequently unable to meet an agreed upon expedited service date, no Expedited Order Charge will apply unless the missed service date was caused by the customer.

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#### ACCESS SERVICE

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)

Missouri Public Service Commission

5.2.2 Access Order Modifications (Cont'd)

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(C) <u>Design Change Charge</u> (Cont'd)

Charge (C)

Design Change Charge, Per Order

\$11.00

(C)

(D) If a change of service date is required, the Service Date Change Charge as set forth in (A) preceding will also apply.

#### Expedited Order Charge

When placing an Access Order for service(s) for which standard intervals exist, a customer may request a service date that is prior to the standard interval service date. A customer may also request an earlier service date on a pending standard or negotiated interval Access Order. If the Telephone Company agrees to provide service on an expedited basis, an Expedited Order Charge will apply.

If the Telephone Company is subsequently unable to meet an agreed upon expedited service date, no Expedited Order Charge will apply unless the missed service date was caused by the customer.

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#### ACCESS SERVICE

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- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)

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- 5.2.2 Access Order Modifications (Cont'd)
  - (C) Design Change Charge (Cont'd)

<b>.</b>	<u>usoc</u>	Charge
Design Change Charge, Per Order	H28	\$11.00

(D) If a change of service date is required, the Service Date Change Charge as set forth in (A) preceding will also apply.

#### Expedited Order Charge

When placing an Access Order for service(s) for which standard intervals exist, a customer may request a service date that is prior to the standard interval service date. A customer may also request an earlier service date on a pending standard or negotiated interval Access Order. If the Telephone Company agrees to provide service on an expedited basis, an Expedited Order Charge will apply.

If the Telephone Company is subsequently unable to meet an agreed upon expedited service date, no Expedited Order Charge will apply unless the missed service date was caused by the customer.

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ISSUED: September 17, 1992

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)
    - 5.2.2 Access Order Modification (Cont'd)

#### Expedited Order Charge (Cont'd)

If the Telephone Company receives a request for an expedited service date at the time a Standard Interval Access Order is placed, the Expedited Order Charge is calculated by summing all the nonrecurring charges associated with the order and then dividing this total by the number of days in the Standard Interval, as specified in 5.6 following. The charge is then applied on a per day of improvement basis, per order, but in no event shall the charge exceed fifty percent of the total nonrecurring charges associated with the Access Order.

When the Telephone Company receives a request for expediting a pending standard or negotiated interval Access Order, the Expedited Order Charge is based on the extent to which the Access Order has been processed at the time to the Telephone Company agrees to the service date improvement and is calculated as follows:

- Based on the critical dates associated with the Access Order, as defined in 5.2.3(C)(4)(b) following, the Telephone Company will determine which critical date will be next completed on the order.
- Using the table of 5.2.3(C)(4)(d) following and the critical date as determined above, the Telephone Company will determine the percent of the provisioning interval not yet completed.
- The Telephone Company will apply this percentage to the sum of all the nonrecurring charges associated with the order and divide this sum by the number of days remaining in the original service interval.
- The per day charges so developed will then be applied on a per day of improvement basis, per order, but in no event shall the charge exceed fifty percent of the total nonrecurring charges associated with the Access Order.

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)
    - 5.2.2 Access Order Modifications (Cont'd)

Expedited Order Charge (Cont'd)

The Expedited Order Charge presumes that all requests for expediting result only in overtime labor costs being incurred by the Telephone Company. If costs other than such overtime labor are to be incurred when an Access Order is expedited, the Telephone Company will develop and quote such costs to the customer, obtain customer authorization and bill the customer in accordance with the special construction terms and conditions of Section 14 following.

When the request for expediting occurs subsequent to the Application Date of the Access Order, a Service Date Change Charge as set forth in (A) preceding also applies.

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#### ACCESS SERVICE

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)
    - 5.2.3 Cancellation of an Access Order
      - (A) A customer may cancel an Access Order for the installation of service at any time prior to notification by the Telephone Company that service is available for the customer's use. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the order is to be canceled. If a customer or a (C) customer's end user is unable to accept Access Service within 30 calendar days of the latest agreed (C) upon service date, the customer has the choice of the (C) following options:

The Access Order shall be canceled and charges set forth in (C) following will apply, or

Billing for the service will commence.

In any event, the cancellation date or the date billing is to commence (depending on which option is selected by the customer) shall be the 31st day beyond the latest agreed upon service date of the (C) Access Order.

- (B) Reserved For Future Use
- (C) When a customer cancels an Access Order for the installation of service, a Cancellation Charge will apply as follows:
  - (1) Costs incurred in conjunction with the provision of Switched or Special Access Service starts on the Application Date as defined in (4)(b) following.
  - (2) When the customer cancels an Access Order prior to the Scheduled Issue Date, as defined in (4)(b) following, no charges shall apply.

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#### ACCESS SERVICE

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5. Ordering Options for Switched and Special Access Service (Cont'd)

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5.2 Access Order (Cont'd)

#### 5.2.3 Cancellation of an Access Order

(A) A customer may cancel an Access Order for the installation of service at any time prior to notification by the Telephone Company that service is available for the customer's use. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the order is to be canceled. The verbal notice must be followed by written confirmation within 10 days. If a customer or a customer's end user is unable to accept Access Service within 30 calendar days of the original service date, the customer has the choice of the following options:

The Access Order shall be canceled and charges set forth in (C) following will apply, or

Billing for the service will commence.

In any event, the cancellation date or the date billing is to commence (depending on which option is selected by the customer) shall be the 31st day beyond the original service date of the Access Order.

- (B) Reserved For Future Use
- (C) When a customer cancels an Access Order for the installation of service, a Cancellation Charge will apply as follows:

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- (1) Costs incurred in conjunction with the provision of Switched or Special Access Service starts on the Application Date as defined in (4)(b) following.
- (2) When the customer cancels an Access Order prior to the Scheduled Issue Date, as defined in (4)(b) following, no charges shall apply.

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- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)
    - 5.2.3 Cancellation of an Access Order (Cont'd)
      - (C) (Cont'd)
        - (3) When the customer cancels an Access Order on or after the Scheduled Issue Date, a charge equal to the estimated costs incurred by the Telephone Company shall apply. Such charge is determined as specified in (4) following.
        - (4) Charges applicable as specified in (3) preceding are based on the estimated costs incurred by the Telephone Company at the time the order is canceled. The estimated costs incurred are determined based on the following:
          - (a) Certain Telephone Company critical dates are associated with an Access Order provisioning interval, whether standard or negotiated. These dates are used by the Telephone Company to monitor the progress of the provisioning process. At any point in the Access Order interval the Telephone Company is able to determine which critical date was last completed and can thus determine what percentage of the Telephone Company's provisioning costs have been incurred as of that critical date.
          - (b) The critical dates tracked by the Telephone Company are as follows:
            - Application Date (APP): The date the customer provides a firm commitment and sufficient information as detailed in 5.1 preceding to the Telephone Company. This is also the order date.

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)
    - 5.2.3 Cancellation of an Access Order (Cont'd)
      - (C) (Cont'd)
        - (4) (Cont'd)
          - (b) (Cont'd)
            - Scheduled Issue Date (SID): The date that the order is to be entered in the Telephone Company's order distribution system.
            - Design Layout Report Date (DLRD): The date the Design Layout Report (DLR) is to be forwarded to the customer.
            - Confirming the Design Layout Report Date (CDLRD): The date the Design Layout Report (DLR) is to be confirmed by the customer.
            - Records Issue Date (RID): The date that all design and assignment information is to be sent to the central office and installation forces.
            - Wired and Office Tested Date (WOT): The date by which all intraoffice wiring is to be completed, all plug-ins optioned, aligned, and frame continuity established, and the interoffice facilities, if applicable, tested. addition, switching equipment, including translation loading, is to be installed and tested.
            - Plant Test Date (PTD): The date on which overall testing of the service is to be started.
            - Service Date (DD): The date on which service is to be made available to the customer. This is sometimes referred to as the Due Date.

ISSUED: September 17, 1992

Richard D. Lawson State Executive, External Affairs November 7, 1992

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)
    - 5.2.3 Cancellation of an Access Order (Cont'd)
      - (C) (Cont'd)
        - (4) (Cont'd)
          - (c) The percentage of the total provisioning cost incurred by the Telephone Company at a particular critical date varies by the type of service as shown in (d) following.
          - (d) When a customer cancels an Access Order, or part of an Access Order, before the service date, the Telephone Company will apply cancellation charges to the order by multiplying all the nonrecurring charges associated with the order, or that part of the order being canceled, by the percentage shown following for the critical date last completed on the order:

	APP	SID	DLRD	RID	$\overline{\mathtt{TOW}}$	PTD	$\overline{\mathtt{DD}}$
FGA	0%	45%	65%	90%	98%	100%	MINIMUM PERIOD CHARGES APPLY
FGB	0%	15%	25%	80%	98%	100%	п
FGC	0%	15%	25%	80%	98%	100%	п
FGD	0%	15%	25%	80%	98%	100%	n .
WAL	0%	45%	65%	90%	98%	100%	n .
MT	0%	45%	65%	90%	98%	100%	n .
TG	0%	45%	65%	90%	98%	100%	n .
VG	0%	45%	65%	90%	98%	100%	п
AP	0%	45%	65%	90%	98%	100%	п
TV	0%	45%	65%	90%	98%	100%	п

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)
    - 5.2.3 Cancellation of an Access Order (Cont'd)
      - (C) (Cont'd)
        - (4) (Cont'd)
          - (d) (Cont'd)

	APP	SID	DLRD	RID	$\overline{\text{MOT}}$	PTD	<u>DD</u>
WA	0%	45%	65%	90%	98%	100%	Minimum Period Charges Apply
WD	0%	45%	65%	90%	98%	100%	
DA	0%0%	45%	65%	90%	98%	100%	
HC	0%	45%	65%	90%	98%	100%	

- (D) When a customer cancels an order for the discontinuance of service, no charges apply for the cancellation.
- (E) If the Telephone Company misses a service date by more than 30 days due to circumstances over which it has direct control (excluding, e.g., acts of God, governmental requirements, work stoppages and civil commotions), the customer may cancel the Access Order without incurring cancellation charges.

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(C)

#### ACCESS SERVICE

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.2 Access Order (Cont'd)
    - 5.2.4 Selection Of Facilities For Access Orders
      - (A) When a customer places an Access Order, it may choose to utilize facilities previously purchased as a facility to a Hub. If the customer has a high capacity interface for use with Switched Access Service Interface Groups 6 and 9, or has a Special Access Service facility purchased to a Hub, the customer must request that specific channels be used to implement the Access Order. If a facility assignment is not specified by the customer, the Telephone Company will provide the service from available inventory as discussed in 5.3 following.
      - (B) For all other Access Orders, the option to request a transmission path or channel is not provided except as provided for under Special Facilities Routing as set forth in 11. following.

#### 5.2.5 Minimum Period

- (A) Except as set forth in (B), (C), 7.4.4, 8.1.5(B), 8.3.5(A), 9.4(A) and 13.3.5(C)(1)(b), (c) and (d) following, the minimum period for which Access Service is provided and for which charges are applicable, is one month.
- (B) The minimum period for Switched Access Service Feature Group D is three months.
- (C) The minimum period for part-time Video and Program Audio Special Access Services is one day even though the service will be provided only for the duration of the event specified on the order (e.g., one-half hour, two hours, five hours, etc.).

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#### ACCESS SERVICE

Ordering Options for Switched and Special Access Service (Cont.d)
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#### Access Order (Cont'd)

#### Selection Of Facilities For Access Orders

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- (A) When a customer places an Access Order, it may choose to utilize facilities previously purchased as a facility to a Hub. If the customer has a high capacity interface for use with Switched Access Service Interface Groups 6 and 9, or has a Special Access Service facility purchased to a Hub, the customer must request that specific channels be used to implement the Access Order. If a facility assignment is not specified by the customer, the Telephone Company will provide the service from available inventory as discussed in 5.3 following.
- (B) For all other Access Orders, the option to request a transmission path or channel is not provided except as provided for under Special Facilities Routing as set forth in 11. following.

#### 5.2.5 Minimum Period

- (A) Except as set forth in (B), (C), 7.4.4, 8.1.5(B), 8.3.5(A), 9.4(A) and 13.3.5(C)(1)(b), (c) and (d) following, the minimum period for which Access Service is provided and for which charges are applicable, is one month.
- (B) The minimum period for Switched Access Service Feature Group D is three months.
- (C) The minimum period for part-time Video and Program Audio Special Access Services is one day even though the service will be provided only for the duration of the event specified on the order (e.g., one-half hour, two hours, five hours, etc.).

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Missouri Public Service Commission

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ISSUED: May 3, 2000

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#### ACCESS SERVICE

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5. Ordering Options for Switched and Special Access Service (Cont'd)

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5.2 Access Order (Cont'd)

## 5.2.4 <u>Selection Of Facilities For Access Orders</u>

- (A) When a customer places an Access Order, it may choose to utilize facilities previously purchased as a facility to a Hub. If the customer has a high capacity interface for use with Switched Access Service Interface Groups 3-10, or has a Special Access Service facility purchased to a Hub, the customer must request that specific channels be used to implement the Access Order. If a facility assignment is not specified by the customer, the Telephone Company will provide the service from available inventory as discussed in 5.3 following.
- (B) For all other Access Orders, the option to request a transmission path or channel is not provided except as provided for under Special Facilities Routing as set forth in 11. following.

#### 5.2.5 Minimum Period

- (A) Except as set forth in (B), (C), 7.4.4, 8.1.5(B), 8.3.5(A), 9.4(A) and 13.3.5(C)(1)(b), (c) and (d) following, the minimum period for which Access Service is provided and for which charges are applicable, is one month.
- (B) The minimum period for Switched Access Service Feature Group D is three months.
- (C) The minimum period for part-time Video and Program Audio Special Access Services is one day even though the service will be provided only for the duration of the event specified on the order (e.g., one-half hour, two hours, five hours, etc.).

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Public Service Commission

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 MO. PUBLIC SEREFFECTIVE:

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5. Ordering Options for Switched and Special Access Service (Cont'd)

#### 5.2 Access Order (Cont'd)

#### 5.2.5 Minimum Period (Cont'd)

- (D) Service Rearrangements as set forth in 6.7.1(C)(3) and 7.4.1(C)(3) following for Switched and Special Access Services respectively, may be made without a change in minimum period requirements.
- (E) Changes other than those identified in 6.7.1(C)(3) or 7.4.1(C)(3) following will be treated as a discontinuance of the existing service and an installation of a new service. All associated nonrecurring charges will apply for the new service. A new minimum period will be established for the new service. The customer will also remain responsible for all outstanding minimum period obligations associated with the disconnected service.

The changes listed below are those which will be treated as a discontinuance and installation of service and for which a new minimum period will be established.

- (1) A change of customer of record (i.e., Access Service is provided to and billed to a different entity).
- (2) A move to a different building as set forth in 6.7.7(B) or 7.4.5(B) following.
- (3) A change in type of service (i.e., Switched Access to Special Access, one type of Special Access to another, or one type of Switched Access Feature Group to another except as set forth in 6.7.6 following).
- (4) A change in the type of Special Access Service Channel termination.
- (5) A change in Switched Access Service or Directory Assistance Service Interface Group.
- (6) Change in Switched Access Service traffic type.
- (7) Change from two-point to multipoint Special Access Service or from multipoint to two-point Special Access Service.

#### 5.2.6 Minimum Period Charges

When Access Service is disconnected at the customer's request prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. A disconnect constitutes facilities being returned to available inventory.

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#### 5. Ordering Options for Switched and Special Access Service (Cont'd)

#### 5.2 Access Order (Cont'd)

#### 5.2.6 Minimum Period (Cont'd)

The Minimum Period Charge for services provided with a one month minimum period will be determined as follows:

- (A) For Switched Access Service, the charge for a month or fraction thereof is equal to the applicable minimum monthly charge for the capacity as set forth in 6.7.4 following.
- (B) For Special Access Service, the charge for a month or fraction thereof is the applicable monthly rates for the service as set forth in 7.5 following.

The Minimum Period Charge for Feature Group D Switched Access Service will be determined as set forth in 2.4.2 (B) preceding.

The Minimum Period Charge for part-time Video and Program Audio Special Access Services is the applicable daily rate for the service as set forth in 7.5 following.

All applicable nonrecurring charges for the service will be billed in addition to the Minimum Period Charge.

#### 5.2.7 Shared Use Facilities

Shared Use (i.e., Switched and Special Access Services provided over the same analog or digital high capacity facilities) is allowed. Shared use facilities to a Hub will be ordered and provided as Special Access Service. While shared use is allowed, individual services utilizing these facilities must be ordered either as Switched Access Service or Special Access Service. When placing the order for the individual service(s), the customer must specify a channel assignment for each service ordered.

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5. Ordering Options for Switched and Special Access Service (Cont'd) SEP 17 1992

#### 5.2 Access Order (Cont'd)

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#### 5.2.6 Minimum Period (Cont'd)

The Minimum Period Charge for services provided with a one month minimum period will be determined as follows:

- (A) For Switched Access Service, the charge for a month or fraction thereof is equal to the applicable minimum monthly charge for the capacity as set forth in 6.7.4 following.
- (B) For Special Access Service, the charge for a month or fraction thereof is the applicable monthly rates for the service as set forth in 7.5 following.

The Minimum Period Charge for Feature Group D Switched Access Service will be determined as set forth in 2.4.2 (B) preceding.

The Minimum Period Charge for part-time Video and Program Audio Special Access Services is the applicable daily rate for the service as set forth in 7.5 following.

All applicable nonrecurring charges for the service will be billed in addition to the Minimum Period Charge.

#### 5.2.7 Shared Use Facilities

Shared Use (i.e., Switched and Special Access Services provided over the same analog or digital high capacity facilities) is allowed. Shared use facilities to a Hub will be ordered and provided as Special Access Service. While shared use is allowed, individual services utilizing these facilities must be ordered either as Switched Access Service or Special Access Service. When placing the order for the individual service(s), the customer must specify a channel assignment for each service ordered.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 MO. PUBLIC SERFECTIVE:

#### 5. Ordering Options for Switched and Special Access Service (Cont'd)

#### 5.3 Available Inventory

Available inventory is limited and does not include facilities previously ordered. The Telephone Company will make every reasonable effort to maintain sufficient available inventory to provide Access Service in accordance with customers' requested service date intervals. To the extent that service can be provided, Access Orders will be satisfied from available inventory.

#### 5.4 Planned Facilities Order

Reserved for Future Use

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.5 <u>Switched Access Service Minimum Capacity Requirements</u>
    - 5.5.1 When Switched Access Service Access Connections are ordered under Access Orders, they will be provided subject to the provisions set forth in 5.1.1 preceding and in 5.5.2 through 5.5.7 following.
    - There is no minimum capacity for Interface Groups 1 and 2. The minimum capacity provided for Interface Groups 6 and 9, and for which charges are applicable, are set forth in 5.5.6 following.
    - 5.5.3 Reserved For Future Use



- 5.5.4 When a customer requests analog or digital Interface Groups 6 and 9, the customer is required to order at a minimum, sufficient capacity to utilize 70% of the channels.
- 5.5.5 For the purpose of administering the minimum capacity provisions, Access Orders for Access Connection Interface Groups for different Feature Groups may be grouped together if the facilities provided for all the connections are the same and terminate in the same facilities terminal in the same Telephone Company access tandem or end office.

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- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.5 Switched Access Service Minimum Capacity Requirements
    - 5.5.1 When Switched Access Service Access Connections are ordered under Access Orders, they will be provided subject to the provisions set forth in 5.1.1 preceding and in 5.5.2 through 5.5.7 following.
    - 5.5.2 There is no minimum capacity for Interface Groups 1 and
      2. The minimum capacity provided for Interface Groups 6
      and 9, and for which charges are applicable, are set
      forth in 5.5.6 following.
    - 5.5.3 When additional busy hour minutes of capacity are ordered, they may be provided using in service Access Connection Interface Groups. Such busy hour minutes of capacity, up to and including the number that brings the Interface Group to its designated capacity, will be provided without being subject to the minimum capacity provisions as set forth in 5.5.6 following. Any additional busy hour minutes of capacity ordered will be subject to the minimum capacity provisions.
    - 5.5.4 When a customer requests analog or digital Interface .

      Groups 6 and 9, the customer is required to order at a minimum, sufficient capacity to utilize 70% of the channels.
    - 5.5.5 For the purpose of administering the minimum capacity provisions, Access Orders for Access Connection Interface Groups for different Feature Groups may be grouped together if the facilities provided for all the connections are the same and terminate in the same facilities terminal in the same Telephone Company access tandem or end office.

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5. Ordering Options for Switched and Special Access Service (Cont'd)

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5.5 Switched Access Service Minimum Capacity Requirements

- 5.5.1 When Switched Access Service Access Connections are ordered under Access Orders, they will be provided subject to the provisions set forth in 5.1.1 preceding and in 5.5.2 through 5.5.7 following.
- 5.5.2 There is no minimum capacity for Interface Groups 1 and 2. The minimum capacity provided for Interface Groups 3 through 10, and for which charges are applicable, are set forth in 5.5.6 following.
- 5.5.3 When additional busy hour minutes of capacity are ordered, they may be provided using in service Access Connection Interface Groups. Such busy hour minutes of capacity, up to and including the number that brings the Interface Group to its designated capacity, will be provided without being subject to the minimum capacity provisions as set forth in 5.5.6 following. Any additional busy hour minutes of capacity ordered will be subject to the minimum capacity provisions.
- 5.5.4 When a customer requests analog or digital Interface Groups 3 through 10, the customer is required to order at a minimum, sufficient capacity to utilize 70% of the channels.
- 5.5.5 For the purpose of administering the minimum capacity provisions, Access Orders for Access Connection Interface Groups for different Feature Groups may be grouped together if the facilities provided for all the connections are the same and terminate in the same facilities terminal in the same Telephone Company access tandem or end office.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.5 Switched Access Service Minimum Capacity Requirements (Cont'd)
    - 5.5.6 The following table provides the total capacity of the interface and the thresholds for minimum order requirements.

Interface Type	Interface Name	Total Capacity (Channels)	Minimum Capacity (Channels)
Analog Analog	Group Supergroup	12 60	9 42
Analog	Mastergroup DS1	600 24	420 17
Digital Digital	DS1C	48	34
Digital	DS3	672	471

(D)

(D)

The Telephone Company will not provide these Interface Groups when less than 70% of the capacity is ordered. For purposes of grouping, as set forth in 5.5.5 preceding, it shall be assumed that Feature Group A, B, C, or D minutes may be combined.

- 5.5.7 When Switched Access Service provided from available inventory is disconnected, and the disconnect causes the in service capacity to fall below the minimum requirements, the Telephone Company will, at the option of the customer:
  - (A) Disconnect all the service subject to the minimum capacity requirements, and all appropriate charges will apply, or
  - (B) Move the remaining in service capacity to a lesser capacity interface.

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# 5. Ordering Options for Switched and Special Access Service (Control Office Commission)

#### 5.5 Switched Access Service Minimum Capacity Requirements (Cont'd)

5.5.6 The following table provides the total capacity of the interface and the thresholds for minimum order requirements.

Interface Type	Interface Name	Total Capacity (Channels)	Minimum Capacity (Channels)
Analog	Group	12	9
Analog	Supergroup	60	42
Analog	Mastergroup	600	420
Digital	DS1	24	17
Digital	DS1C	48	34
Digital	DS2	96	68
Digital	DS3	672	471
Digital	DS4	4032	2823

The Telephone Company will not provide these Interface Groups when less than 70% of the capacity is ordered. For purposes of grouping, as set forth in 5.5.5 preceding, it shall be assumed that Feature Group A, B, C, or D minutes may be combined.

- 5.5.7 When Switched Access Service provided from available inventory is disconnected, and the disconnect causes the in service capacity to fall below the minimum requirements, the Telephone Company will, at the option of the customer:
  - (A) Disconnect all the service subject to the minimum capacity requirements, and all appropriate charges will apply, or
  - (B) Move the remaining in service capacity to a lesser capacity interface.

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#### 5. Ordering Options for Switched and Special Access Service (Cont'd)

#### 5.6 Access Order Standard Intervals

The Standard Intervals, as set forth following, will be used for all Access Orders for Special Access Services of the same channel type with the same requested service date and all Switched Access Services with the same type Interface Group and/or Feature Group with the same requested service date.

The Standard Intervals are subject to the following conditions:

- The Standard Interval is the sum of the intervals from (1) The Application Date (APP) to the Design Layout Report Date (DLRD) and, (2) the Confirming Design Layout Report Date (CDLRD) to the Service Date (DD). These dates are defined in 5.2.3(C)(4)(b) preceding.
- The period between the design Layout Report Date (DLRD) and the Confirming Design Layout Report Date (CDLRD) is controlled by the customer, but is agreed upon by the customer and the Telephone Company prior to the Application Date. This period is limited to a maximum of 5 days.
- Service dates for items and services not included in the Standard intervals will be negotiated.
- Regardless of how many separate orders are placed at the same time for service between the same locations and with the same service date, if more than 10 services of the same type are involved as described preceding, the interval will be considered as negotiable even though separate orders reflect quantities that qualify as Standard Intervals.

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## ACCESS SERVICE

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - Access Order Standard Intervals (Cont'd)
    - Access Service Standard Intervals in working days, are as follows.

SERVICE APP-DLRD  $\mathtt{CDLRD}\mathtt{-DD}$ STD INT

#### Special Access Service

Reserved For Future Use

2. Reserved For Future Use (C)

(D)

(D)

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- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - Access Order Standard Intervals (Cont'd)

Access Service Standard Intervals in working days, are as follows.

SERVICE	APP-DLRD	CDLRD-DD	STD INT
---------	----------	----------	---------

## Special Access Service

1. Reserved For Future Use (C)

(D)

(D)

2. Telegraph Grade Service

Two-Point 1 to 6 Services	8	11	19
	Ť	<del></del>	
7 to 12 Services	ICB	ICB	ICB
Over 12 Services	ICB	ICB	ICB
Multipoint	~		
3 to 5 Points	13	11	24
6 to 10 Points	ICB	ICB	ICB

Optional Features, Add 5 Days

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Ordering Options for Switched and Special Access Service (Cont'd) MISSOURI 5.

5.6 Access Order Standard Intervals (Cont'd)

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Access Service Standard Intervals in working days, are as follows.

	SERVICE	APP-DLRD	CDLRD-DD	STD INT
Spe	cial Access Service			
1.	Metallic Service			
	Two-Point 1 to 6 Services 7 to 10 Services Over 10 Service	8 ICB ICB	11 ICB ICB	19 ICB ICB
	Multipoint 3 to 5 Points 6 to 10 Points Over 10 Points	13 ICB ICB	11 ICB ICB	24 ICB ICB
	Optional Features Add 5 Days			
2.	Telegraph Grade Service			
	Two-Point 1 to 6 Services 7 to 12 Services Over 12 Services	8 ICB ICB	11 ICB ICB	19 ICB ICB
	Multipoint 3 to 5 Points 6 to 10 Points Over 10 Points	13 ICB ICB	11 ICB ICB	24 ICB ICB

Optional Features, Add 5 Days

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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#### 5. Ordering Options for Switched and Special Access Service (Cont'd)

#### Access Order Standard Intervals (Cont'd) 5.6

	SERVICE	APP-DLRD	CDLRD-DD	STD INT
Speci	ial Access Service (Cont	.'d)		
3.	Voice Grade Service			
	Two-Point			
	1 to 6 Services	8	11	19
	7 to 10 Services	ICB	ICB	ICB
	Over 12 Service	ICB	ICB	ICB
	Multipoint			
	3 to 5 Points	13	11	24
	6 to 10 Points	ICB	ICB	ICB
	Over 10 Points	ICB	ICB	ICB
	Facility to A Hub			
	(For 43A Carrier)			
	1 to 6 Facilities	8	11	19
	7 to 10 Facilities	ICB	ICB	ICB
	Over 10 Facilities	ICB	ICB	ICB
	Optional Features,			
	Add 10 Days			
4.	Program Audio Service			
	Two-Point			
	1 to 6 Services	8	11	19
	7 to 12 Services	ICB	ICB	ICB
	Over 10 Service	ICB	ICB	ICB
	Multipoint			
	3 to 5 Points	ICB	ICB	ICB
	6 to 10 Points	ICB	ICB	ICB
	Over 12 Points	ICB	ICB	ICB
	Optional Features,			
	Add 10 Days			

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.6	Access	Order	Standard	<u>Intervals</u>	(Cont'd)
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				1 6 3 6 6 5 1 5 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6
	SERVICE	APP-DLRD	CDLRD-DD	STD INT
<u>Spe</u>	cial Access Service (Cont'	d)		
3.	Voice Grade Service			
	Two-Point			
	1 to 6 Services	8	11	19
	7 to 10 Services	ICB	ICB	ICB
	Over 12 Service	ICB	ICB	ICB
	Multipoint			
	3 to 5 Points	13	11	24
	6 to 10 Points	ICB	ICB	ICB
	Over 10 Points	ICB	ICB	ICB
	Facility to A Hub			•
	(For 43A Carrier)			
	1 to 6 Facilities	8	11	19
	7 to 10 Facilities	ICB	ICB	ICB
	Over 10 Facilities	ICB	ICB	ICB
	Optional Features,			
	Add 10 Days			
4.	Program Audio Service			
	Two-Point			
	1 to 6 Services	8	11	19
	7 to 12 Services	ICB	ICB	ICB
	Over 10 Service	ICB	ICB	ICB
	Multipoint			
	3 to 5 Points	ICB	ICB	ICB
	6 to 10 Points	ICB	ICB	ICB
	Over 12 Points	ICB	ICB	ICB
	Optional Features,	CANCELLED		

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Add 10 Days

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- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - Access Order Standard Intervals (Cont'd)

Special Access Service (Cont'd)

5. Video Service

SERVICE	APP-DLRD	CDLRD-DD	STD INT
Two-Point			
1 to 3 Services	ICB	ICB	ICB
4 to 8 Services	ICB	ICB	ICB
Over 8 Services	ICB	ICB	ICB

- Reserved for Future Use 6.
- 7. Reserved for Future Use

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#### ACCESS SERVICE

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- 5. Ordering Options for Switched and Special Access Service (Cont' & EP 17 1992
  - 5.6 Access Order Standard Intervals (Cont'd)

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Special Access Service (Cont'd)

5. <u>Video Service</u>

<u>SERVICE</u>	APP-DLRD	CDLRD-DD	STD INT
Two-Point			
1 to 3 Services	ICB	ICB	ICB
4 to 8 Services	ICB	ICB	ICB
Over 8 Services	ICB	ICB	ICB

- 6. Reserved for Future Use
- 7. Reserved for Future Use

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## ACCESS SERVICE

## 5. Ordering Options for Switched and Special Access Service (Cont'd)

## 5.6 Access Order Standard Intervals (Cont'd)

	SERVICE	APP-DLRD	CDLRD-DD	STD INT	
Speci	ial Access Service (Cont	'd)			
8.	Digital Data Service				(T)
	Two-Point 1 to 3 Services 4 to 8 Services Over 8 Services  Multipoint 3 to 5 Points 6 to 10 Points Over 10 Points  Optional Features,	13 ICB ICB 25 25 25	11 ICB ICB 35 35 35	24 ICB ICB 60 60	
	Add 10 Days				
9.	High Capacity Service				(T)
	Two-Point 1 to 3 Services 4 to 8 Services Over 8 Services	35 ICB ICB	25 ICB ICB	60 ICB ICB	
	Facility to A Hub (Group, Supergroup, Mastergroup) 1 to 3 Facilities 4 to 8 Facilities Over 8 Facilities	ICB ICB ICB	ICB ICB ICB	ICB ICB ICB	
	Optional Features, Add 10 Days				
					(D)

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5.	Ordering	Options	for	Switched	and	Special	Access	Service	(Cont, dSEP	- A. (	13:	X
	<u> </u>	7 7 7 7 7 7 7 7		**********					<b>,</b>			

5.6	Access Order Standard	Intervals (Con	it'd)	MISSOURI Public Savice Commiss
	SERVICE	APP-DLRD	CDLRD-DD	STD INT
pec	cial Access Service (Cont'	d)		
•	United Digilink Service			
	Two-Point			
	1 to 3 Services	13	. 11	24
	4 to 8 Services	ICB	ICB	ICB
	Over 8 Services	ICB	ICB	ICB
	Multipoint			
	3 to 5 Points	25	35	60
	6 to 10 Points	<b>25</b> '	35	60
	Over 10 Points	25	35	60
	Optional Features,			
	Add 10 Days			
•	United TransLink and Oth	er High Capaci	ty Services	
	Two-Point			•
	1 to 3 Services	35	25	60
	4 to 8 Services	ICB	ICB	ICB
	Over 8 Services	ICB	ICB	ICB
	Facility to A Hub	•		
	(Group, Supergroup, Mastergroup)			
	1 to 3 Facilities	ICB	ICB	ICB
	4 to 8 Facilities	ICB	ICB	ICB
	Over 8 Facilities	ICB	ICB	ICB
	Optional Features,			

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Add 10 Days

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- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.6 Access Order Standard Intervals (Cont'd)

Optional Features,

Add 10 Days

	SERVICE	APP-DLRD	CDLRD-DD	STD INT
10.	WATS Access Line Ser	vice		
	Two-Point			
	1 to 6 Services	8	11	29
	7 to 10 Services	ICB	ICB	ICB
	Over 10 Service	ICB	ICB	ICB

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#### ACCESS SERVICE

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.6 <u>Access Order Standard Intervals</u> (Cont'd)

	<u>SERVICE</u>	APP-DLRD	CDLRD-DD	STD INT		
Special Access Service						
1.	Feature Group A					
	1 to 3 Lines 4 to 10 Lines Over 10 Lines	8 ICB ICB	11 ICB ICB	19 ICB ICB		
	Optional Features, Add 5 Days					
2.	Feature Group B					
	1 to 3 Trunks 4 to 7 Trunks Over 7 Trunks	38 ICB ICB	22 ICB ICB	60 ICB ICB		
	Optional Features, Add 5 Days					

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#### ACCESS SERVICE

SEP 171992

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.6 Access Order Standard Intervals (Cont'd)

Public Service Commission

	SERVICE	APP-DLRD	CDLRD-DD	STD INT
<u>Spe</u>	cial Access Service			
1.	Feature Group A			
	1 to 3 Lines 4 to 10 Lines Over 10 Lines	8 ICB ICB	11 ICB ICB	19 ICB ICB
	Optional Features, Add 5 Days			
2.	Feature Group B			
	1 to 3 Trunks 4 to 7 Trunks Over 7 Trunks	38 ICB ICB	22 ICB ICB	60 ICB ICB
	Optional Features, Add 5 Days			
3.	Feature Group C			
	l to 110 BHMC 111 to 120 BHMC Over 120 BHMC	22 ICB ICB	38 ICB ICB	60 ICB ICB
	Optional Features, Add 5 Days	CAN	CEILED	

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.6 <u>Access Order Standard Interval</u> (Cont'd)

	<u>SERVICE</u>	APP-DLRD	CDLRD-DD	STD INT				
Swit	Switched Access Service (Cont'd)							
<b>3</b> .	Feature Group C & D				(T)			
	1 to 3 Trunks 4 to 10 Trunks Over 10 Trunks	38 ICB ICB	22 ICB ICB	60 ICB ICB				

(D)

(D)

With New High Capacity Interface Group (6 and 9) Add 20 Days

Optional Features, Add 10 Days

(D)

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#### ACCESS SERVICE

- 5. Ordering Options for Switched and Special Access Service (Cont'd)
  - 5.6 Access Order Standard Interval (Cont'd)

	SERVICE	APP-DLRD	CDLRD-DD	STD INT Missouri Pu	blic
Switc	hed Access Service (Cont'o	d)	3	ervice Comm	ission
4.	Feature Group D			REC'D MAY 03	2000
	1 to 3 Trunks 4 to 10 Trunks Over 10 Trunks	38 ICB ICB	22 ICB ICB	60 ICB ICB	
	1 to 120 BHMC 121 to 150 BHMC Over 150 BHMC	ICB ICB ICB	ICB ICB	ICB ICB	
	With New High Capacity Interface Group (6 and 9 Add 20 Days	)			(C)
	Optional Features, Add 10 Days				
Direc	tory Assistance Service				
	1 to 15 BHMC 16 to 30 BHMC Over 30 BHMC	44 ICB ICB	16 ICB ICB	60 ICB ICB	
	With New High Capacity Interface Group (6 and 9 Add 20 Days	)	CANCELLE	γ.	(C)

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#### ACCESS SERVICE

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- Ordering Options for Switched and Special Access Service (Cont'd) WISSON 5. Public Service Commissic:
  - Access Order Standard Interval (Cont'd) 5.6

SERVICE	APP-DLRD	CDLRD-DD	STD INT			
Switched Access Service (Cont'd)						
4. Feature Group D						
1 to 3 Trunks 4 to 10 Trunks Over 10 Trunks	38 ICB ICB	22 ICB ICB	60 ICB ICB			
1 to 120 BHMC 121 to 150 BHMC Over 150 BHMC	ICB ICB ICB	ICB ICB ICB	ICB ICB ICB			
With New High Capacity Interface Group (3-10) Add 20 Days						
Optional Features, Add 10 Days						
Directory Assistance Service						
1 to 15 BHMC	44	16	60			

1 to	15	BHMC	44	16	60
16 to	30	BHMC	ICB	ICB	ICB
Over	30	ВНМС	ICB	ICB	ICB

With New High Capacity Interface Group (3-10) Add 20 Days

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Public Service Commission MISSOURI

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

## 6. Switched Access Service

## 6.1 General

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a two-point electrical communications 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 local exchange where it is provided. Specific references to material describing the elements of Switched Access Service are provided in 6.1.1 and 6.1.3 following.

Rates and charges for Switched Access Service depend generally on its use by the customer, i.e., for MTS or WATS services, MTS-WATS equivalent services, or other services (e.g., foreign exchange service), and whether it is provided in a Telephone Company end office that is equipped to provide equal access (Feature Group D Access, described in 6.1.1(D) following). Rates and charges for Switched Access Service are set forth in 6.8 following. The application of rates for Switched Access Service is described in 6.7 following. and charges for services other than Switched Access Service, e.g., a customer's interLATA and intraLATA toll message service, may also be applicable when Switched Access Service is used in conjunction with these other services. Descriptions of such applicability are provided in 6.2.1(A)(7), 6.2.1(B)(4), 6.2.2(A)(5), 6.2.2(B)(4), 6.2.3(A)(5), 6.2.4(A)(4), 6.7.10 and 6.7.12 following.

ISSUED: EFFECTIVE: September 17, 1992 November 7, 1992 Richard D. Lawson

State Executive, External Affairs

Second Revised Page 144 Cancels First Revised Page 144

ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.1 General (Cont'd)
    - 6.1.1 Feature Group Arrangements and Manner of Provision

Switched Access Service is provided in seven service categories of standard and optional features called Feature Groups A through D, Interim 500 Access Service, TFC Access Service, and 900 Access Service. They are differentiated by their technical characteristics, e.g., line side vs. trunk side connection at the Telephone Company entry switch, and the manner in which an end user accesses them in originating calls, e.g., with or without an access code. Following is a brief description of each Feature Group arrangement.

(A) Feature Group A (FGA)

FGA Access provides line side access to Telephone Company end office switches with an associated seven digit local telephone number for the customer's use in originating and terminating communications to an Interexchange Carrier's intrastate service or a customer provided intrastate communications capability. The customer must specify the Interexchange Carrier to which the FGA service is connected, or in the alternative, specify the means by which the FGA access communications is transported to another exchange. FGA Access may also be used to terminate TFC Access Service Calls. FGA Access is not offered for use in terminating FGC and FGD originating communications. A more detailed description of FGA Access is provided in 6.2.1 following.

(B) Feature Group B (FGB)
FGB Access provides trunk side access to Telephone
Company end office switches with an associated
uniform 950-0XXX or 950-1XXX access code for the
customer's use in originating and terminating
communications to an Interexchange Carrier's intrastate service or a customer provided intrastate
communications capability. The customer must
specify the Interexchange Carrier to which the FGB
service is connected, or in the alternative, specify
the means by which the FGB access communications is
transported to another exchange. FGB Access may
also be used to originate TFC Access Service until
such time as FGD becomes available in the end
office.

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ACCESS SERVICE

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## 6. <u>Switched Access Service</u> (Cont'd)

#### 6.1 General (Cont'd)

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#### 6.1.1 Feature Group Arrangements and Manner of Provision

Switched Access Service is provided in seven pinitic ERVICE COMM. categories of standard and optional features called Feature Groups A through D, Interim 500 Access Service, 800 Access Service, and 900 Access Service. They are differentiated by their technical characteristics, e.g., line side vs. trunk side connection at the Telephone Company entry switch, and the manner in which an end user accesses them in originating calls, e.g., with or without an access code. Following is a brief description of each Feature Group arrangement.

#### (A) Feature Group A (FGA)

FGA Access provides line side access to Telephone Company end office switches with an associated seven digit local telephone number for the customer's use in originating and terminating communications to an Interexchange Carrier's intrastate service or a customer provided intrastate communications capability. The customer must specify the Interexchange Carrier to which the FGA service is connected, or in the alternative, specify the means by which the FGA access communications is transported to another exchange. FGA Access may also be used to terminate 800 Access Service Calls. FGA Access is not offered for use in terminating FGC and FGD originating A more detailed description of FGA communications. Access is provided in 6.2.1 following.

## (B) Feature Group B (FGB)

FGB Access provides trunk side access to Telephone Company end office switches with an associated uniform 950-0XXX or 950-1XXX access code for the customer's use in originating and terminating communications to an Interexchange Carrier's intrastate service or a customer provided intrastate communications capability. The customer must specify the Interexchange Carrier to which the FGB service is connected, or in the alternative, specify the means by which the FGB access communications is transported to another exchange. FGB Access may also be used to originate 800 Access Service until such time as FGD becomes available in the end office.

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MISSOURI Public Service Commission

ISSUED: January 11, 1995

BY: John L. Roe

EFFECTIVE: February 11, 1995

Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

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## 6. <u>Switched Access Service</u> (Cont'd)

MISSOURI Public Service Commicsior

#### 6.1 General (Cont'd)

#### 6.1.1 Feature Group Arrangements and Manner of Provision

Switched Access Service is provided in four service categories of standard and optional features called Feature Groups. These are differentiated by their technical characteristics, e.g., line side vs. trunk side connection at the Telephone Company entry switch, and the manner in which an end user accesses them in originating calls, e.g., with or without an access code. Following is a brief description of each Feature Group arrangement.

#### (A) Feature Group A (FGA)

FGA Access provides line side access to Telephone
Company end office switches with an associated seven
digit local telephone number for the customer's use in
originating and terminating communications to an
Interexchange Carrier's intrastate service or a
customer provided intrastate communications
capability. The customer must specify the
Interexchange Carrier to which the FGA service is
connected, or in the alternative, specify the means by
which the FGA access communications is transported to
another exchange. FGA Access may also be used to
offered for use in terminating FGC and FGD originating
communications. A more detailed description of FGA
Access is provided in 6.2.1 following.

BY Service Commisterminate 800 Access to offered for use in terminate Service Communications. A modern Access is provided in Access is provided in Feature Group B (FGB)

FGB Access provides trunk side access to Telephone Company end office switches with an associated uniform 950-0XXX or 950-1XXX access code for the customer's use in originating and terminating communications to an Interexchange Carrier's intrastate service or a customer provided intrastate communications capability. The customer must specify the Interexchange Carrier to which the FGB service is connected, or in the alternative, specify the means by which the FGB access communications is transported to another exchange. FGB Access may also be used to originate 800 Access Service until such time was FGD becomes available in the end office.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

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Cancels Second Revised Page 145

ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.1 General (Cont'd)
    - 6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)
      - (B) Feature Group B (Cont'd)
        FGB Access may also be used to terminate TFC
        Access service calls. A more detailed
        description of FGB Access is provided in
        6.2.2 following.

## (C) Feature Group C (FGC)

FGC Access, which is available only to providers of MTS and WATS, provides trunk side access to Telephone Company end office switches for the customer's use in originating and terminating communications. FGC Access may also be used to originate and terminate TFC Access Service. This service is available in all end offices which are not equipped for Feature Group D End Office Switching. Existing FGC Access will be converted to Feature Group D Access when it becomes available in an end office. WATS Access Line optional feature set forth in 7.2.11 (A) may be ordered separately by a customer other than the customer which orders the FGC Switched Access Service (i.e., a provider of MTS and WATS). Access Lines are ordered as set forth in 5.2 preceding. A more detailed description of FGC Access is provided in 6.2.3 following.

#### (D) Feature Group D (FGD)

FGD Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 101XXXX access code for the customer's use in originating and terminating communications. The WATS Access Line optional feature set forth in 7.2.11 (D) may be ordered separately by a customer other than the customer which orders the FGD Switched Access Service. WATS Access Lines are ordered as set forth in 5.2 preceding. A more detailed description of FGD Access is provided in 6.2.4 following.

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#### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

MAR 27 1996

- 6.1 General (Cont'd)
  - 6.1.1 Feature Group Arrangements and Manner of Brovis of Cont.d)
    - (B) Feature Group B (Cont'd)

FGB Access may also be used to terminate TFC Access service calls. A more detailed description of FGB Access is provided in 6.2.2 following.

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(C) Feature Group C (FGC)

FGC Access, which is available only to providers of MTS and WATS, provides trunk side access to Telephone Company end office switches for the customer's use in originating and terminating communications. FGC Access may also be used to originate and terminate TFC Access Service. This service is available in all end offices which are not equipped for Feature Group D End Office Switching. Existing FGC Access will be converted to Feature Group D Access when it becomes available in an end office. The WATS Access Line optional feature set forth in 7.2.11 (A) may be ordered separately by a customer other than the customer which orders the FGC Switched Access Service (i.e., a provider of MTS and WATS). WATS Access Lines are ordered as set forth in 5.2 preceding. A more detailed description of FGC Access is provided in 6.2.3 following.

(D) Feature Group D (FGD)

FGD Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 10XXX or 101XXXX access code for the customer's use in originating and terminating communications. The WATS Access Line optional feature set forth in 7.2.11 (D) may be ordered separately by a customer other than the customer which orders the FGD Switched Access Service. WATS Access Lines are ordered as set forth in 5.2 preceding. A more detailed description of FGD Access is provided in 6.2.4 following.

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ISSUED: March 27, 1996

BY: John L. Roe

EFFECTIVE: April 29, 1996

Vice President - Carrier and Regulatory Services
5454 West 110th Street
Overland Park, Kansas 66211

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#### ACCESS SERVICE

#### 6. <u>Switched Access Service</u> (Cont'd)

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#### 6.1 General (Cont'd)

# 6.1.1 Feature Group Arrangements and Manner of PMO INJUNIC SERVICE COMM.

#### (B) <u>Feature Group B</u> (Cont'd)

FGB Access may also be used to terminate 800 Access service calls. A more detailed description of FGB Access is provided in 6.2.2 following.

#### (C) Feature Group C (FGC)

FGC Access, which is available only to providers of MTS and WATS, provides trunk side access to Telephone Company end office switches for the customer's use in originating and terminating communications. FGC Access may also be used to originate and terminate 800 Access Service. This service is available in all end offices which are not equipped for Feature Group D End Office Switching. Existing FGC Access will be converted to Feature Group D Access when it becomes available in an end office. The WATS Access Line optional feature set forth in 7.2.11 (A) may be ordered separately by a customer other than the customer which orders the FGC Switched access Service (i.e., a provider of MTS and WATS). WATS Access Lines are ordered as set forth in 5.2 preceding. A more detailed description of FGC Access is provided in 6.2.3 following.

#### (D) Feature Group D (FGD)

FGD Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 10XXX or 101XXXX access code for the customer's use in originating and terminating communications. The WATS Access Line optional feature set forth in 7.2.11 (D) may be ordered separately by a customer other than the customer which orders the FGD Switched Access Service. WATS Access Lines are ordered as set forth in 5.2 preceding. A more detailed description of FGD Access is provided in 6.2.4 following.

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ISSUED: June 5, 1995 EFFECTIVE:

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5454 West 110th Street
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ACCESS SERVICE

6. Switched Access Service (Cont'd)

> 6.1 General (Cont'd)

Sublic Service Commission 6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)

(B) Feature Group B (Cont'd)

FGB Access may also be used to terminate 800 Access service calls. A more detailed description of FGB JUL 151995 Access is provided in 6.2.2 following.

(C)

FGC Access, which is available only to providers of Company end office switches for origination originating and terminating communications. FGC Access may also be used to originate and terminate 800 Access Service. This service is available in all end offices which are not equipped for Feature Group D End Office Switching. Existing FGC Access will be converted to Feature Group D Access when it becomes available in an end office. The WATS Access Line optional feature set forth in 7.2.11 (A) may be ordered separately by a customer other than the customer which orders the FGC Switched access Service (i.e., a provider of MTS and WATS). WATS Access Lines are ordered as set forth in 5.2 preceding. A more detailed description of FGC Access is provided in 6.2.3 following.

Feature Group D (FGD) (D)

> FGD Access, which is available to all customers, provides 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. The WATS Access Line optional feature set forth in 7.2.11 (D) may be ordered separately by a customer other than the customer which orders the FGD Switched Access Service. WATS Access Lines are ordered as set forth in 5.2. preceding. A more detailed description of FGD Access is provided in 6.2.4 following.

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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## **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.1 General (Cont'd)
    - 6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)
      - (E) Manner of Provision

Switched Access is furnished in either quantities of lines or trunks. FGA Access is furnished on a per-line basis and FGB, FGC, FGD Access are furnished on a per trunk basis.

**Trunks** are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement. Differentiation of traffic is necessary for the Telephone Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the customer.

There are three major traffic types. These are: Originating, Terminating and Directory Assistance. Originating traffic type represents access capacity within a LATA for carrying traffic from the end user to the customer; Terminating traffic type represents access capacity within a LATA for carrying traffic from the customer to the end user; and, Directory Assistance traffic type represents access capacity within a LATA for carrying Directory Assistance traffic from the customer to a Directory Assistance location. When ordering capacity for FGB Access, FGC Access or FGD Access, the customer must at a minimum specify such access capacity in terms of Originating traffic type and/or Terminating traffic type. Directory Assistance traffic type is used for ordering Directory Assistance Access Service and is provided as set forth in 9. following.

Because some customers will wish to further segregate their originating FGC or FGD traffic into separate trunk groups, Originating traffic type is further categorized into Domestic, Interim 500, TFC, 900, and Operator. Domestic traffic type represents access

ISSUED: January 7, 2002

Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: February 7, 2002

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#### 6. Switched Access Service (Cont'd)

MAR 27 1998

6.1 General (Cont'd)

#### MISSOURI 6.1.1 Feature Group Arrangements and Manner of Prov <del>čelv</del>ice Commission (Cont'd)

#### (E) Manner of Provision

Switched Access is furnished in either quantities of lines or trunks, or in busy hour minutes of capacity (BHMCs). FGA Access and FGB Access are furnished on a per-line or per-trunk basis respectively. FGC Access and FGD Access are furnished on a BHMC basis. FGD may also be provided to customers other than AT&T on a per trunk basis as set forth in 5.2 preceding.

BHMCs and trunks are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement. Differentiation of traffic is necessary for the Telephone Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the customer.

There are three major traffic types. These are: Originating, Terminating and Directory Assistance. Originating traffic type represents access capacity within an exchange for carrying traffic from the end user to the customer; Terminating traffic type represents access capacity within an exchange for carrying traffic from the customer to the end user; and, Directory Assistance traffic type represents access capacity within an exchange for carrying Directory Assistance traffic from the customer to a Directory Assistance location. When ordering capacity for FGB Access, FGC Access or FGD Access, the customer must at a minimum specify such access capacity in terms of Originating traffic type and/or Terminating traffic type. Directory Assistance traffic type is used for ordering Directory Assistance Access Service and is provided as set forth in 9. following.

Because some customers will wish to further segregate their originating FGC or FGD traffic into separate trunk groups, Originating traffic type is further categorized into Domestic, Interim 500, TFC, 900, and Operator. Domestic traffic type represents access

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EFFECTIVE: April 29, 1996

ISSUED: March 27, 1996

BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

First Revised Page 146 Cancels Original Page 146

#### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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6.1 General (Cont'd)

of Provision

6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)

#### (E) Manner of Provision

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Switched Access is furnished in either quantities of lines or trunks, or in busy hour minutes of capacity (BHMCs). FGA Access and FGB Access are furnished on a per-line or per-trunk basis respectively. FGC Access and FGD Access are furnished on a BHMC basis. FGD may also be provided to customers other than AT&T on a per trunk basis as set forth in 5.2 preceding.

BHMCs and trunks are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement. Differentiation of traffic is necessary for the Telephone Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the customer.

There are three major traffic types. These are:
Originating, Terminating and Directory Assistance.
Originating traffic type represents access capacity
within an exchange for carrying traffic from the end
user to the customer; Terminating traffic type
represents access capacity within an exchange for
carrying traffic from the customer to the end user;
and, Directory Assistance traffic type represents
access capacity within an exchange for carrying
Directory Assistance traffic from the customer to a
Directory Assistance location. When ordering capacity
for FGB Access, FGC Access or FGD Access, the customer
must at a minimum specify such access capacity in
terms of Originating traffic type and/or Terminating
traffic type. Directory Assistance traffic type is
used for ordering Directory Assistance Access Service
and is provided as set forth in 9. following.

Because some customers will wish to further segregate their originating FGC or FGD traffic into separate trunk groups, Originating traffic type is further categorized into Domestic, Interim 500, 800, 900, and Operator. Domestic traffic type represents access

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ISSUED: January 11, 1995

BY: John L. Roe

February 11, 1995

Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211 (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

> 6.1 General (Cont'd)

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6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)

#### (E) Manner of Provision

Switched Access is furnished in either quantities of lines or trunks, or in busy hour minutes of capacity (BHMCs). FGA Access and FGB Access are furnished on a per-line or per-trunk basis respectively. FGC Access and FGD Access are furnished on a BHMC basis. FGD may also be provided to customers other than AT&T on a per trunk basis as set forth in 5.2 preceding.

BHMCs and trunks are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement. Differentiation of traffic is necessary for the Telephone Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the customer.

There are three major traffic types. These are: Originating, Terminating and Directory Assistance. Originating traffic type represents access capacity within an exchange for carrying traffic from the end user to the customer; Terminating traffic type represents access capacity within an exchange for carrying traffic from the customer to the end user; and, Directory Assistance traffic type represents Commissions capacity within an exchange for carrying Directory Assistance traffic from the customer to a Directory Assistance location. When ordering capacity for FGB Access, FGC Access or FGD Access, the customer must at a minimum specify such access capacity in terms of Originating traffic type and/or Terminating traffic type. Directory Assistance traffic type is used for ordering Directory Assistance Access Service and is provided as set forth in 9. following.

> Because some customers will wish to further segregate their originating FGC or FGD traffic into separate trunk groups, Originating traffic type is further categorized into Domestic, 800, 900, and Operator. Domestic traffic type represents access capacity for 1992 carrying only

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

General (Cont'd)
6.1.1 Feature Group Arrangements and Manner of

Provision (Cont'd)
(E) Manner of Provision (Cont'd)
capacity for carrying only Domestic traffic other than Interim 500, TFC, 900 and Operator traffic; and, Interim 500, TFC, 900 and Operator traffic type represents access capacity for carrying, respectively, only Interim 500, TFC, 900 or Operator traffic. When ordering such types of access capation the customer must specify Domestic. city, the customer must specify Domestic, Interim 500, TFC, 900 Operator traffic types.

(F) TFC Access Service TFC Access Service is an originating service (T) that is provided via TFC Access Service switched trunk groups, or may be provided in conjunction with FGB, FGC, or FGD. The service provides for the forwarding of end user dialed TFC calls to a Telephone Company Service Switching Point (SSP) which will (T) initiate a query to the Telephone Company's TFC data base to perform the customer (T)The call is identification function. forwarded to the appropriate customer based on the dialed TFC number. The customer has the option of having the TFC dialed number (i.e., TFC-NXX-XXXX) or, if the TFC to local exchange number translation optional feature is specified, a trans-lated ten digit local exchange number (i.e., NRA-NYX-XXXX) (T) ÌΤĺ (T)exchange number (i.e., NPA-NXX-XXXX) delivered to the customer premises.

When TFC Access Service traffic is combined in the same trunk group arrangement with (T)other traffic, usage for the TFC Access Service traffic will be aggregated with the other traffic for billing purposes. When separate trunk groups are provided for TFC Access Service, usage will be provided (T)(T) separately. A more detailed description of (T) TFC Access Service is as set forth in 6.2.5(B).

(G) 900 Access Service
900 Access Service is an originating service that is provided via 900 Access Service switched trunk groups, or may be provided in conjunction with FGB, FGC, or FGD. The Service provides the customer identification function (900 NXX screening) based on the function (900 NXX screening) based on the first six digits of the dialed 900 number. When a 1 +  $9\overline{0}0$  + NXX + XXXX call is originated by an end user, a customer identification function determines the customer to which the call is to be routed based on the NXX dialed.

When a customer requests that the Telephone Company open a 900 NXX access code for exchanges served by the Telephone Company within a specified state, LATA or Richard D. Lawson

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#### ACCESS SERVICE

#### 6. Switched Access Service (Cont'd)

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#### 6.1 General (Cont'd)

# 6.1.1 Feature Group Arrangements and Manner of Provision 1(1995, d)

#### Manner of Provision (Cont'd) (E)

capacity for carrying only Domestill traffic SPRICE COMM. Interim 500, 800, 900 and Operator traffic; and, Interim 500, 800, 900 and Operator traffic type represents access capacity for carrying, respectively, only Interim 500, 800, 900 or Operator traffic. When ordering such types of access capacity, the customer must specify Domestic, Interim 500, 800, 900 Operator traffic types.

#### (F) 800 Access Service

800 Access Service is an originating service that is provided via 800 Access Service switched trunk groups, or may be provided in conjunction with FGB, FGC, or FGD. The service provides for the forwarding of end user dialed 800 calls to a Telephone Company Service Switching Point (SSP) which will initiate a query to the Telephone Company's 800 data base to perform the customer identification function. The call is forwarded to the appropriate customer based on the dialed 800 number. The customer has the option of having the 800 dialed number (i.e., 800-NXX-XXXX) or, if the 800 to local exchange number translation optional feature is specified, a translated ten digit local exchange number (i.e., NPA-NXX-XXXX) delivered to the customer premises.

When 800 Access Service traffic is combined in the same trunk group arrangement with other traffit usage for the 800 Access Service traffic will describe with the other traffic for billing purposes. When separate trunk groups are provided for 800 Access detailed description of 800 Access Service is 9as set 47 forth in 6.2.5(B).

#### (G)

900 Access Service is an originating addition Service Commission provided via 900 Access Service switched trunk groups, or may be provided in conjunction with FGB, FGC. or FGD. The Service provides the custom (900 NYV) FGD. The Service provides the customer identification function (900 NXX screening) based on the first six digits of the dialed 900 number. When a 1 + 900 + NXX + XXXX call is originated by an end user, a customer identification function determines the customer to which the call is to be routed based on the NXX dialed.

When a customer requests that the Telephone Company open a 900 NXX access code for exchanges served by the Telephone Company within a specified state, LATA or

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ISSUED: January 11, 1995

MISSOLPFECTIVE: Public Service Continues. BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

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## ACCESS SERVICE

#### 6. Switched Access Service (Cont'd)

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#### 6.1 General (Cont'd)

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#### Manner of Provision (Cont'd) (E)

Domestic traffic other than 800, 900 and Operator traffic: and. 800, 900 and Operator traffic type represents access capacity for carrying, respectively, only 800, 900 or Operator traffic. When ordering such types of access capacity, the customer must specify Domestic, 800, 900 Operator traffic types.

#### (F) 800 Access Service

800 Access Service is an originating service that is provided via 800 Access Service switched trunk groups, or may be provided in conjunction with FGB, FGC, or FGD. service provides for the forwarding of end user dialed 800 calls to a Telephone Company Service Switching Point (SSP) which will initiate a query to the Telephone Company's 800 data base to perform the customer identification function. The call is forwarded to the appropriate customer based on the dialed 800 number. The customer has the option of having the 800 dialed number (i.e., 800-NXX-XXXX) or, if the 800 to local exchange number translation optional feature is specified, a translated ten digit local exchange number NPA-NXX-XXXX) delivered to the customer premises.

When 800 Access Service traffic is combined in the same trunk group arrangement with other traffic and 800 Access Service traffic traf trunk group arrangement with other traffic, usage for the 800 Access Service traffic will be aggregated with the other traffic for billing purposes. When separate trunk groups are provided for 800 Access Service, usage will be provided separately. A more detailed description of 800 Access Service is as set forth in 6.2.5.

#### 6.1.2 WATS Access Line Service

WATS Access Line Service is a type of Special Access Service that is provided only for use with Feature Group C and D Switched Access Service. WATS Access Line Service connects end user premises with a WATS or WATS-type Service Office. This Service is described in 7.2.11 following.

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EFFECTIVE: May 1, 1993 (N)

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ACCESS SERVICE

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#### 6. Switched\_Access Service (Cont'd)

#### 6.1 General (Cont'd)

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## 6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)

#### (E) Manner of Provision (Cont'd)

Domestic traffic other than 800, 900 and Operator traffic; and, 800, 900 and Operator traffic type represents access capacity for carrying, respectively. only 800, 900 or Operator traffic. When ordering such types of access capacity, the customer must specify Domestic, 800, 900 Operator traffic types.

## 6.1.2 WATS Access Line Service

WATS Access Line Service is a type of Special Access Service that is provided only for use with Feature Group C and D Switched Access Service. WATS Access Line Service connects end user premises with a WATS or WATS-type Service Office. This Service is described in 7.2.11 following.

### 6.1.3 Rate Categories

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

- Local Transport (described in 6.1.3(B) following)
- End Office (described in 6.1.3(C) following)
- Common Line (described in Section 3, and 4, preceding)

In addition to these three rate categories, there is an Information Surcharge that applies to all Switched Access Feature Groups. The description and application of this charge are set forth in 6.7.15 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

General (Cont'd)
6.1.1 Feature Group Arrangements and Manner of

Provision (Cont'd)
(G) 900 Access Service (Cont'd) service area subtending an access tandem, the order must include the provisioning of all Telephone Company offices within that state, LATA or all offices subtending the specified access tandem.

When 900 Access Service is combined in the same trunk group arrangement with other traffic, usage for the 900 Access Service traffic will be aggregated with the other traffic for billing purposes. When separa When separate trunk groups are provided for 900 Access Service, usage will be provided separately.

A more detailed description of 900 Access
Service is as set forth in 6.2.5(D).

(H) Interim 500 Access Service
Interim 500 Access Service is an originating service that is provided via Interim 500 Access Service switched trunk groups, or may be provided in conjunction with FGC, or FGD. The Service provides the customer identification function (500 NXX screening) based on the first six digits of the dialed 500 number. When a 1 + 500 + NXX + XXXX call is originated by an end user, a customer identification function determines the customer to which the call is to be routed based on the NXX dialed.

When a customer requests that the Telephone Company open a 500 NXX access code for exchanges served by the Telephone Company within a specified state, LATA or service area subtending an access tandem, the order must include the provisioning of all Telephone Company offices within that state, LATA or all offices subtending the specified access tandem.

When Interim 500 Access Service traffic is combined in the same trunk group arrangement with other traffic, usage for the Interim 500 Access Service traffic will be aggregated with the other traffic for billing purposes. When separate trunk groups are provided for Interim 500 Access Service, usage will be provided separately. A more detailed description of Interim 500 Access Service and the service of the ser Access Service is as set forth in 6.2.5(C).

6.1.2 WATS Access Line Service
WATS Access Line Service is a type of Special
Access Service that is provided only for use
with Feature Group C and D Switched Access Service. WATS Access Line Service connects end user premises with a WATS or WATS-type Service This Service is described in 7.2.11 Office. following.

Richard D. Lawson

ISSUED: EFFECTIVE: January 11, 1995 February 11, 1995

State Executive, External Affairs

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## **ACCESS SERVICE**

## 6. <u>Switched Access Service</u> (Cont'd)

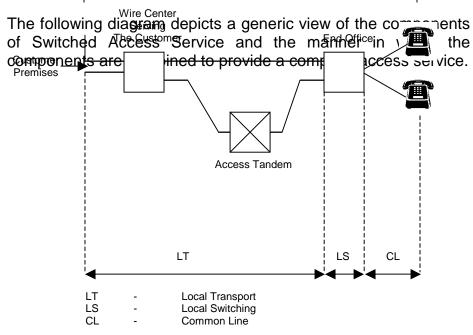
## 6.1 General (Cont'd)

## 6.1.3 Rate Categories

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

- Local Transport (described in 6.1.3(B) following)
- Local Switching (described in 6.1.3(C) following)
- Common Line (described in Section 3, and 4, preceding)

In addition to these three rate *categories, there* are also charges which apply only to Interim 500, TFC and 900 Access Service. The description and application of TFC Access Service charges are set forth in 6.1.3(D). The description and application of 900 Access Service charges are set forth in 6.1.3(E), 6.7.1(C)(4), and 6.7.16 following. The description and application of Interim 500 Access Service charges are set forth in 6.1.3(F), 6 ₹.1(C)(5), and 6.7.16 following. ►



\*Common line access is provided under Section 3. preceding.

ISSUED: January 7, 2002 Richard D. Lawson
State Executive, External Affairs
319 Madison
Jefferson City, MO 65101

EFFECTIVE: February 7, 2002

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6. Switched Access Service (Cont'd)

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General (Cont'd)

6.1.3 Rate Categories

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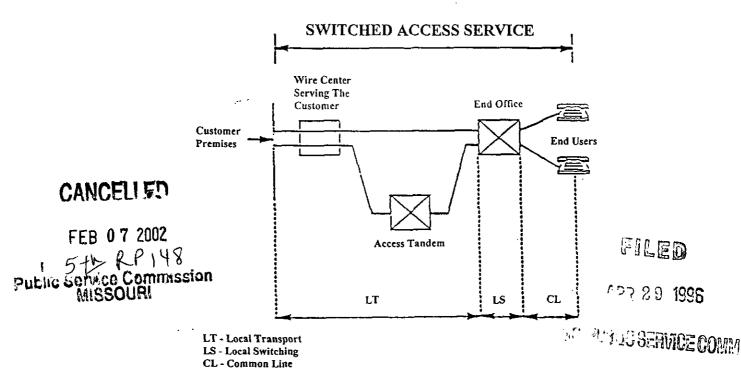
April 29, 1996

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

- Local Transport (described in 6.1.3(B) following) - Local Switching (described in 6.1.3(C) following)
- Common Line (described in Section 3, and 4, preceding)

In addition to these three rate categories, there is an Information Surcharge that applies to all Switched Access Service Arrangements. The description and application of this charge is set forth in 6.7.15 following. There are also charges which apply only to Interim 500, TFC and 900 Access Service. The description and application of TFC Access Service charges are set forth in 6.1.3(D). The description and application of 900 Access Service charges are set forth in 6.1.3(E), 6.7.1(C)(4), and 6.7.16 following. The description and application of Interim 500 Access Service charges are set forth in 6.1.3(F), 6.7.1(C)(5), and 6.7.16 following.

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.



\*Common line access is provided under Section 3. preceding.

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BY: John L. Roe Vice President - Carrier and Regulatory Services

5454 West 110th Street Overland Park, Kansas 66211 (T)

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#### ACCESS SERVICE

## Switched Access Service (Cont'd)

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## 6.1 General (Cont'd)

#### 6.1.3 Rate Categories

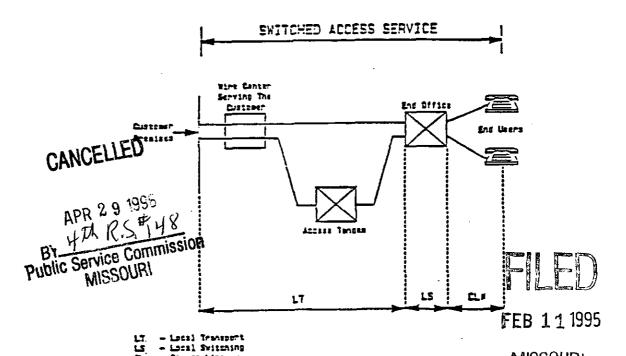
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There are three rate categories which apply to Switched Access Service:

- Local Transport (described in 6.1.3(B) following)
   Local Switching (described in 6.1.3(C) following)
- Common Line (described in Section 3, and 4, preceding)

In addition to these three rate categories, there is an Information Surcharge that applies to all Switched Access Service Arrangements. The description and application of this charge is set forth in 6.7.15 following. There are also charges which apply only to Interim 500, 800 and 900 Access Service. The description and application of 800 Access Service charges are set forth in 6.1.3(D). The description and application of 900 Access Service charges are set forth in 6.1.3(E), 6.7.1(C)(4), and 6.7.16 following. The description and application of Interim 500 Access Service charges are set forth in 6.1.3(F), 6.7.1(C)(5), and 6.7.16 following.

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.



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\*Common line access is provided under Section 3. preceding.

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January 11, 1995

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5454 West 110th Street

Overland Park, Kansas 66211

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#### 6. Switched Access Service (Cont'd)

#### 6.1 General (Cont'd)

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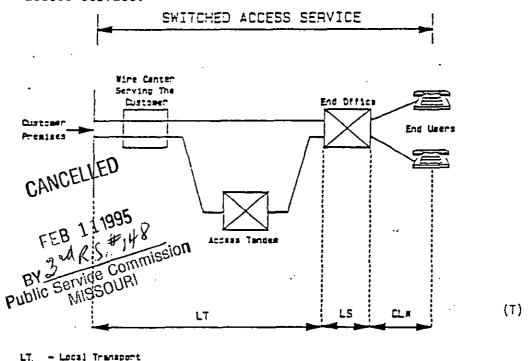
## 6.1.3 Rate Categories (Cont'd)

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

- Local Transport (described in 6.1.3(B) following)
- Local Switching (described in 6.1.3(C) following)
- Common Line (described in Section 3, and 4, preceding)

In addition to these three rate categories, there is an Information Surcharge that applies to all Switched Access Feature Groups. The description and application of this charge are set forth in 6.7.15 following.

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.



\*Common line access is provided under Section 3. preceding.

Local Switching

ISSUED: November 3, 1993

BY: John L. Roe Vice President-Administration 5454 West 110th Street Overland Park, Kansas 662110. PUBLIC SERVICE COMM.

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#### 6.1 General (Cont'd)

Switched Access Service (Cont'd)

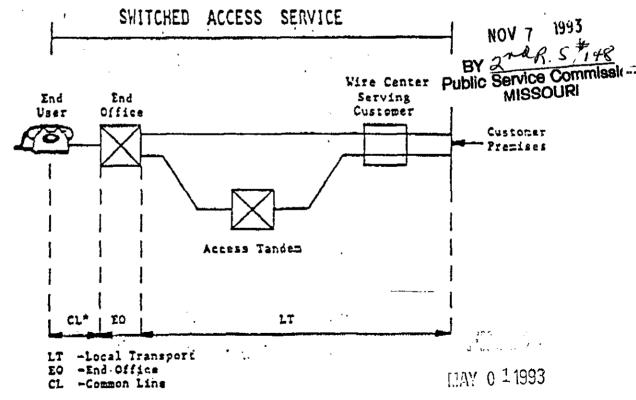
#### 6.1.3 Rate Categories (Cont'd)

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

- Local Transport (described in 6.1.3(B) following)
- Local Switching (described in 6.1.3(C) following)
- Common Line (described in Section 3, and 4, preceding)

In addition to these three rate categories, there is an Information Surcharge that applies to all Switched Access Feature Groups. The description and application of this charge are set forth in 6.7.15 following.

The following diagram depicts a generic view of the components of Switched Access Service Service and the manner in which the components are combined to provide a complete access service. CANCELLED



\*Common line access is provided under Section 3. preceding & Will south to

ISSUED: March 31, 1993

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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6. <u>Switched Access Service</u> (Cont'd)

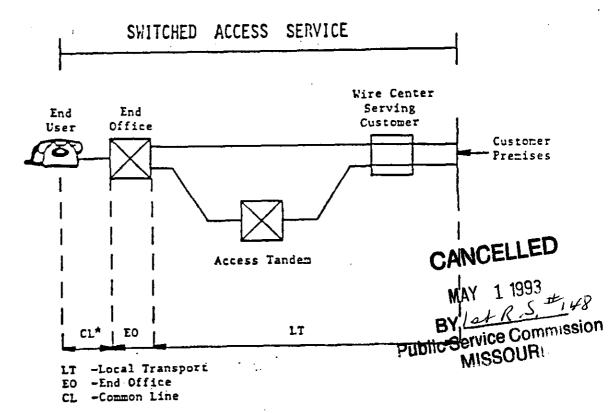
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6.1 General (Cont'd)

MISSOURI Fublic Service Commission

6.1.3 Rate Categories (Cont'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.



\*Common line access is provided under Section 3. preceding.

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ISSUED: September 17, 1992 BY: John L. Roe
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Overland Park, Kansas 66211

#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.1 General (Cont'd)
    - 6.1.3 Rate Categories (Cont'd)
      - (A) Access Connections

Material formerly found in this Section now appears in Section 6.1.3(B)(2) and 6.1.3(B)(3) following.

(B) Local Transport

The Local Transport rate category provides the transmission facilities between the customer's premises and the end office switch(es) where the customer's traffic is switched to originate or terminate the customer's communications. For purposes of determining Local Transport mileage, distance will be measured from the wire center that normally serves the customer's premises to the end office switch(es). Exceptions to the mileage measurement rules are set forth in 6.7.13 following.

Local Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. 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 premises) and in the terminating direction (from the customer's premises to the end office switch), but not simultan-eously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunica-tions industry for 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 customers in determining (1) whether the service is to be directly routed to an end office switch or through an access tandem switch, and (2) direction-ality of the service.

## ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.1 General (Cont'd)
    - 6.1.3 Rate Categories (Cont'd)
      - (B) Local Transport (Cont'd)

Local Transport is provided at the rates and charges as set forth in 6.8.2 following. The application of these rates with respect to individual Feature Groups is as set forth in 6.7.1(D) following.

The number of Local Transport transmission paths provided is based on the customer's order and is determined by the Telephone Company as set forth in 6.5.5 following.

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#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.1 General (Cont'd)
    - 6.1.3 Rate Categories (Cont'd)
      - (B) Local Transport (Cont'd)
        - (2) Interface Groups

Four Interface Groups are provided for terminating the Local Transport at the customer's premises. Each Interface Group provides a specified premises interface (e.g., two-wire, four-wire, DS1, etc.). Where transmission facilities permit, the individual transmission path between the customer's premises and the first point of switching may at the option of the customer be provided with optional features as set forth in 3(a) and (b) following.

Network Channel (NC) codes, feature group and technical specifications provide the available supervisory signaling options. The combination of the interface group and supervisory signaling ordered will identify the appropriate premises interface code (network channel interface code). Feature group and technical specifications are set forth in Technical Reference **Publication GR-3334**.

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As a result of the customer's access order and the type of Telephone Company transport facilities serving the customer's premises, the need for signaling conversions or two-wire to four-wire conversions, or the need to terminate digital or high frequency facilities in channel bank equipment may require that Telephone Company equipment be placed at the customer's premises. For example, if a voice frequency interface is ordered by the customer and the Telephone Company facilities serving the customer's premises are digital, then Telephone Company channel bank equipment must be placed at the customer's premises in order to provide the voice frequency interface ordered by the customer.

Interface Group 1 is provided with Type C Transmission Specifications, and Interface Groups 2, 6 and 9 are provided with Type A or B Transmission Specifications, depending on the Feature Group and whether the Access Service is routed directly or through an access tandem. All Interface Groups are provided with Data Transmission Parameters.

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#### ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.1 General (Cont'd)
    - 6.1.3 Rate Categories (Cont'd)

Missouri Public Service Commission

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- (B) Local Transport (Cont'd)
  - (2) Interface Groups

Four Interface Groups are provided for terminating the Local Transport at the customer's premises. Each Interface Group provides a specified premises interface (e.g., two-wire, four-wire, DS1, etc.). Where transmission facilities permit, the individual transmission path between the customer's premises and the first point of switching may at the option of the customer be provided with optional features as set forth in 3(a) and (b) following.

Network Channel (NC) codes, feature group and technical specifications provide the available supervisory signaling options. The combination of the interface group and supervisory signaling ordered will identify the appropriate premises interface code (network channel interface code). Feature group and technical specifications are set forth in Technical Reference TR-NWT-000334.

As a result of the customer's access order and the type of Telephone Company transport facilities serving the customer's premises, the need for signaling conversions or two-wire to four-wire conversions, or the need to terminate digital or high frequency facilities in channel bank equipment may require that Telephone Company equipment be placed at the customer's premises. For example, if a voice frequency interface is ordered by the customer and the Telephone Company facilities serving the customer's premises are digital, then Telephone Company channel bank equipment must be placed at the customer's premises in order to provide the voice frequency interface ordered by the customer.

Interface Group 1 is provided with Type C Transmission Specifications, and Interface Groups 2, 6 and 9 are provided with Type A or B Transmission Specifications, depending on the Feature Group and whether the Access Service is routed directly or through an access tandem. All Interface Groups are provided with Data Transmission Parameters.

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## Missouri Public Service Commission

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ACCESS SERVICE

Switched Access Service (Cont'd)

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6.1 General (Cont'd)

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6.1.3 Rate Categories (Cont'd)

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(B) Local Transport (Cont'd)

## (2) Interface Groups

Ten Interface Groups are provided for terminating the Local Transport at the customer's premises. Each Interface Group provides a specified premises interface (e.g., two-wire, four-wire, DS1, etc.). Where transmission facilities permit, the individual transmission path between the customer's premises and the first point of switching may at the option of the customer be provided with optional features as set forth in 3(a) and (b) following.

As a result of the customer's access order and the type of Telephone Company transport facilities serving the customer's premises, the need for signaling conversions or two-wire to four-wire conversions, or the need to terminate digital or high frequency facilities in channel bank equipment may require that Telephone Company equipment be placed at the customer's premises. For example, if a voice frequency interface is ordered by the customer and the Telephone Company facilities serving the customer's premises are digital, then Telephone Company channel bank equipment must be placed at the customer's premises in order to provide the voice frequency interface ordered by the customer.

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Interface Group 1 is provided with Type C Transmission Specifications, and Interface Groups 2 through 10 are provided with Type A or B Transmission Specifications, depending on the Feature Group and whether the Access Service is routed directly or through an access tandem. All Interface Groups are provided with Data Transmission Parameters.

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## ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - General (Cont'd)
    - 6.1.3 Rate Categories (Cont'd)
      - (B) Local Transport (Cont'd)
        - (2) Interface Groups (Cont'd)

Only certain premises interfaces are available at the customer's premises. The premises interfaces associated with the Interface Groups may vary among Feature Groups. The various premises interfaces which are available with the Interface Groups, and the Feature Groups with which they may be used, are set forth in (2)(e) following.

(a) Interface Group 1

Interface Group 1, except as set forth following, provides two-wire analog voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Interface Group 1 is not provided in association with FGC and FGD when the first point of switching is an access tandem. In addition, Interface Group 1 is not provided in association with FGB, FGC or FGD when the first point of switching provides only four-wire terminations.

The transmission path between the point of termination at the customer's premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

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## ACCESS SERVICE

6. Switched Access Service (Cont'd) RECEIVED

6.1 General (Cont'd)

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6.1.3 Rate Categories (Cont'd)

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(B) Local Transport (Cont'd) Public Service Commission

(2) Interface Groups (Cont'd)

> Only certain premises interfaces are available at the customer's premises. The premises interfaces associated with the Interface Groups may vary among Feature Groups. The various premises interfaces which are available with the Interface Groups, and the Feature Groups with which they may be used, are set forth in (2)(k) following.

#### (a) Interface Group 1 (USOC TPP1X)

Interface Group 1, except as set forth following, provides two-wire analog voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Interface Group 1 is not provided in association with FGC and FGD when the first point of switching is an access tandem. In addition, Interface Group 1 is not provided in association with FGB, FGC or FGD when the first point of switching provides only four-wire terminations.

The transmission path between the point of termination at the customer's premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency 7 1992

bandwidth of 300 to 3000 Hz.

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#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.1 General (Cont'd)
    - 6.1.3 Rate Categories (Cont'd)
      - (B) Local Transport (Cont'd)
        - (2) Interface Groups (Cont'd)
          - (a) Interface Group 1 (Cont'd)
            The interface is provided with loop supervisory signaling. When the interface is associated with FGA, such signaling will be loop start or ground start signaling. When the interface is associated with FGB, FGC or FGD, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.
          - (b) Interface Group 2
            Interface Group 2 provides two-wire voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The transmission path between point of termination at the customer's premises and the first point of switching may be com-prised of any form or configuration of plant capable of and typically used in the tele-communications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

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#### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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6.1 <u>General</u> (Cont'd)

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6.1.3 Rate Categories (Cont'd)

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- (B) Local Transport (Cont'd)
  - (2) <u>Interface Groups</u> (Cont'd)
    - (a) Interface Group 1 (USOC TPP1X) (Cont'd)

The interface is provided with loop supervisory signaling. When the interface is associated with FGA, such signaling will be loop start or ground start signaling. When the interface is associated with FGB, FGC or FGD, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

(b) Interface Group 2 (USOC TPP2X)

Interface Group 2 provides two-wire voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The transmission path between point of termination at the customer's premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

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#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - General (Cont'd)
    - 6.1.3 Rate Categories (Cont'd)
      - (B) Local Transport (Cont'd)
        - (2) Interface Groups (Cont'd)
          - (b) Interface Group 2 (Cont'd) The interface is provided with loop supervisory signaling. When the interface is associated with FGA, such signaling will be loop start or ground start signaling. When the interface is associated with FGB, FGC (C) or FGD, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

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#### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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6.1 General (Cont'd)

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6.1.3 Rate Categories (Cont'd)

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- (B) Local Transport (Cont'd)
  - (2) <u>Interface Groups</u> (Cont'd)
    - (b) Interface Group 2 (USOC TPP2X) (Cont'd)

The interface is provided with loop supervisory signaling. When the interface is associated with FGA, such signaling will be loop start or ground start signaling. When the interface is associated with FGB, FGC or FGD, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

(c) Interface Group 3 (USOC TPP3X)

Interface Group 3 provides group level analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 60 to 108 kHz, with the capability to channelize up to 12 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex equipment to derive 12 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with individual transmission path SF supervisory signaling.

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## ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.1 General (Cont'd)
    - 6.1.3 Rate Categories (Cont'd)
      - (B) Local Transport (Cont'd)
        - (2) <u>Interface Groups</u> (Cont'd)

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#### ACCESS SERVICE

6. Switched Access Service (Cont'd) RECEIVED

6.1 General (Cont'd) SEP 171992

6.1.3 Rate Categories (Cont'd)

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- Local Transport (Cont'd) (B)
  - Interface Groups (Cont'd)

#### Interface Group 4 (USOC TPP4X)

Interface Group 4 provides supergroup level analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 312 to 552 kHz, with the capability to channelize up to 60 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex and channel bank equipment to derive 60 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with individual transmission path SF supervisory signaling.

#### Interface Group 5 (USOC TPP5X) (e)

Interface Group 5 provides mastergroup level analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 564 to 3084 kHz, with the capability to channelize up to 600 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface; 12 Group are reserved for Telephone Company use, e.g., pilot and carrier group alarmy2 tones. Before the first NOV 1392 tones. Before the first

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## ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - General (Cont'd)
    - 6.1.3 Rate Categories (Cont'd)
      - (B) Local Transport (Cont'd)
        - (2) Interface Groups (Cont'd)

(c) Interface Group 6

Interface Group 6 provides DS1 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive 24 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, a DS1 signal in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

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- Switched Access Service (Cont'd)
  - 6.1 General (Cont'd)

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- 6.1.3 Rate Categories (Cont'd)
  - (B) Local Transport (Cont'd)
    - (2) <u>Interface Groups</u> (Cont'd)
      - (e) <u>Interface Group 5 (USOC TPP5X)</u> (Cont'd)

point of switching, the Telephone Company will provide multiplex and channel bank equipment to derive 600 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with individual transmission path SF supervisory signaling.

(f) Interface Group 6 (USOC TPP6X)

Interface Group 6 provides DS1 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive 24 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, a DS1 signal in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

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## ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.1 <u>General</u> (Cont'd)
    - 6.1.3 Rate Categories (Cont'd)
      - (B) Local Transport (Cont'd)
        - (2) Interface Groups (Cont'd)

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Switched Access Service (Cont'd)

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6.1 General (Cont'd)

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6.1.3 Rate Categories (Cont'd)

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- (B) <u>Local Transport</u> (Cont'd)
  - (2) <u>Interface Groups</u> (Cont'd)
    - (g) Interface Group 7 (USOC TPP7X)

Interface Group 7 provides DS1C level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 3.152 Mbps, with the capability to channelize up to 48 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 48 voice frequency transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

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(h) Interface Group 8 (USOC TPP8X)

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Interface Group 8 provides DS2 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 6.312 Mbps, with the capability to channelize up

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#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - General (Cont'd)
    - 6.1.3 Rate Categories (Cont'd)
      - (B) Local Transport (Cont'd)
        - (2) Interface Groups (Cont'd)

(d) Interface Group 9

Interface Group 9 provides DS3 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 672 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching,

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6. <u>Switched Access Service</u> (Cont'd)

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6.1 General (Cont'd)

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6.1.3 Rate Categories (Cont'd)

- (B) Local Transport (Cont'd)
  - (2) Interface Groups (Cont'd)
    - (h) Interface Group 8 (USOC TPP8X) (Cont'd)

to 96 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment in its office to derive up to 96 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching, or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

The interface is provide with individual transmission path bit stream supervisory signaling.

(i) Interface Group 9 (USOC TPP9X)

Interface Group 9 provides DS3 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 672 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching,

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## ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.1 General (Cont'd)
    - 6.1.3 Rate Categories (Cont'd)
      - (B) Local Transport (Cont'd)
        - (2) Interface Groups (Cont'd)
          - (d) Interface Group 9 (Cont'd) (C)

or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

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6. <u>Switched Access Service</u> (Cont'd)

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6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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- (B) Local Transport (Cont'd)
  - (2) <u>Interface Groups</u> (Cont'd)
    - (i) <u>Interface Group 9 (USOC TPP9X)</u> (Cont'd)

or snalog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

(j) Interface Group 10 (USOC TPPAX)

Interface Group 10 provides DS4 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 274.176 Mbps, with the capability to channelize up to 4032 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 4032 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.1 General (Cont'd)
    - 6.1.3 Rate Categories (Cont'd)
      - (B) Local Transport (Cont'd)
        - (2) Interface Groups (Cont'd)

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(e) Available Premises Interface Codes

Following is a matrix showing, for each Interface Group, which premises interface codes are available as a function of the Telephone Company switch supervisory signaling and Feature Group. Each premises interface is identified by a specific premises interface code. Voice trunks are available with Interface Groups 1, 2, 6 and 9. Signaling links are available with Interface Groups 6 and 9. For explanations of these codes, see the Glossary of Channel Interface Codes in 7.3.1 following.

Telephone Premises Interface Interface Feature Company Switch Group Supervisory Signaling Code В Group Α C D (D) X X 1 LO 2LS2 LO 2LS3 GO 2GS2 Χ GO 2GS3 (D) (N) (N) 2DX3 RV, EA, EB, X X X (N) RV, EA, EB, EC4EA2-EEB, RV, EA, EC 4EA3-E (N) RV, EA, EB, EC4EA2-MX EA, EB, RV, EC 4EA3-M (N) RV, EC6EB2-E EA, EB, 6EB3-E RV, EB, X X X EA, ECEA, EB, EC RV, 6EB2-M RV, EA, EB, EC 6EB3-M (N) Χ 6EC2 EA, EB, EC EA, EB, EC 6EC3 Χ X X Χ RV 2RV3-0 Χ 2RV3-T RV Χ Χ Χ CCS 2NO2 ISSUED: Richard D. Lawson **EFFECTIVE:** May 3, 2000 State Executive, External Affairs June 2, 2000

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6. <u>Switched Access Service</u> (Cont'd)

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6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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- (B) Local Transport (Cont'd)
  - (2) <u>Interface Groups</u> (Cont'd)
    - (j) Interface Group 10 (USOC TPPAX) (Cont'd)

The interface is provided with individual transmission path bit stream supervisory signaling.

(k) Available Premises Interface Codes

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Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface <u>Code</u>	Feature Group A B C D
1	LO LO GO GO LO, GO LO, GO LO, GO LO, GO LO, GO RV, EA, EB, EC	2LS2 2LS3 2GS2 2GS3 2DX3 4EA3-E 4EA3-M 6EB3-E 6EB3-M 2DX3 4EA3-E 4EA3-M 6EB3-E 6EB3-M 6EC3 2RV3-O 2RV3-T	x x x x x x x x x x x x x x x x x x x

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- 6. Switched Access Service (Cont'd)
  - 6.1 General (Cont'd)
- 6.1.3 Rate Categories (Cont'd)
- (B) Local Transport (Cont'd)
- (2) Interface Groups (Cont'd)
- (e) Available Premises Interface Codes (Cont'd)

	Telephone	Premises		
Interface Group	Company Switch	Interfac	e <u>Feature</u>	
Group	Supervisory Signaling	Code	A B C	
<u>D</u>				(D)
2	LO, GO	4SF2 X		
	LO	4LS2 X		(D) (D)
	GO	4GS2 X		(D) (D) (D)
				(D)
	LO, GO RV, EA, EB, EC	6EX2-B X 4SF2 4DX2	X  X  X	(D)
	RV, EA, EB, EC EA, EB, EC EA, EB, EC RV RV	6DX2 6EA2-E 6EA2-M 8EB2-E 8EC2-M 4RV2-O 4RV2-T	X	(D) (D) (N)
	CCS	4NO2	X	( 14 )

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6. <u>Switched Access Service</u> (Cont'd)

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6.1 General (Cont'd)

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6.1.3 Rate Categories (Cont'd)

(B) Local Transport (Cont'd)

(2) <u>Interface Groups</u> (Cont'd)

(k) <u>Available Premises Interface Codes</u> (Cont'd)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Feature Group A B C D
2	LO, GO	4SF2	x S
	LO, GO	4SF3	x x X X X X X X X X X X X X X X X X X X
	LO	4LS2	х 🔾 💥
	LO	4LS3	x H sym
	LO	6LS2	2000 2000 FILE
	GO	4GS2	x
	GO	4G\$3	CANCELLED JUN 0 2 2000    5+RP   6  Service Comm
	GO	6GS2	x × × × × × × × × × × × × × × × × × × ×
	LO, GO	4DX2	AN X X X X X X X X X X X X X X X X X X X
	LO, GO	4DX3	x x x Public Se
	LO, GO	6EA2-E	x <u>≧</u>
	LO, GO	6EA2-M	х <del>- 4</del>
	LO, GO	8EB2-E	X Q
	LO, GO	8EB2-M	x
	LO, GO	6EX2-B	x
	RV, EA, EB, EC	4SF2	ххх
	RV, EA, EB, EC	4SF3	x
	RV, EA, EB, EC	4DX2	x x x
	RV, EA, EB, EC	4DX3	X
	RV, EA, EB, EC	6DX2	x
	RV, EA, EB, EC	6EA2-E	x x x
	RV, EA, EB, EC	6EA2-M	x x x
	RV, EA, EB, EC	8EB2-E	x x x
	RV, EA, EB, EC	8EB2-M	x x x
	EA, EB, EC	8EC2-M	X X
	RV	4RV2-0	x x x
	RV	4RV2-T	x x x
	RV	4RV3-0	хх
	RV	4RV3-T	X X L

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## ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) <u>Local Transport</u> (Cont'd)

(2) Interface Groups (Cont'd)

(e) Available Premises Interface Codes

(Cont'd)

Telephone Premises

Interface Company Switch Interface Feature

Group

Group

Supervisory Signaling

D (T)

6 LO, GO 4DS9-15 X LO, GO 4DS9-15L X RV, EA, EB, EC 4DS9-15 X Χ X X X X RV, EA, EB, EC 4DS9-15L (D) CCS 4DS9-15 Χ CCS 4DS9-1SN Χ CCS 4DS9-1BN Χ CCS 4DS9-1SB Χ

LO, GO 4DS6-44 Χ LO, GO 4DS6-44L Χ RV, EA, EB, EC 4DS6-44  $X \quad X \quad X$ RV, EA, EB, EC 4DS6-44L X X X (D) CCS 4DS6-44 Χ

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## ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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(B) Local Transport (Cont'd)

(2) <u>Interface Groups</u> (Cont'd)

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(k) Available Premises Interface Codes (Cont'd)

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	Telephone	Premises				
interface	: Company Switch	Interface	<u> Pea</u>	tur	e G	roup
Group	Supervisory Signaling	Code	Α	В	С	<u>D</u>
3	LO, GO	4AH5-B	x			
	RV, EA, EB, EC	4AH5-B		X	X	X
4	Lo. Go	4AH6-C	x			
	RV, EA, EB, EC	4AH6-C		X	X	x
5	LO, GO	4AH6-D	х			
	RV, EA, EB, EC	4AH6-D		X	x	x
6	LO, GO	4DS9-15	х			
	LO, GO	4DS9-15L	X			
	RV, EA, EB, EC	4DS9-15		X	X	X
	RV, EA, EB, EC	4DS9-15L		X	X	Х
7	LO, GO	4DS9-31	х			
	LO, GO	4DS9-31L	X			
	RV, EA, EB, EC	4DS9-31		X	X	X
	RV, EA, EB, EC	4DS9-31L		X	X	X
8	LO, GO	4DS0-63	x			
	LO, GO	4DS0-63L	Х			
	RV, EA, EB, EC	4DS0-63			X	
	RV, EA, EB, EC	4DSO-63L		X	X	X
9	LO, GO	4DS6-44	x			
	LO, GO	4DS6-44L	X			
	RV, EA, EB, EC	4DS6-44		X		X
	RV, EA, EB, EC	4DS6-44L		X	X	X

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd) 6.1 General (Cont'd)
  - 6.1.3 Rate Categories (Cont'd)
    - (B) Local Transport (Cont'd)



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## ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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- (B) Local Transport (Cont'd)
  - (2) Interface Groups (Cont'd)

(k) <u>Available Premises Interface Codes</u> (Cont'd)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface <u>Code</u>	Feature Group A B C D
10	LO, GO	4DS6-27	x
	LO, GO	4DS6-27L	X
	RV, EA, EB, EC	4DS6-27	$\mathbf{x}  \mathbf{x}  \mathbf{x}$
;	RV, EA, EB, EC	4DS6-27L	$\mathbf{x} \cdot \mathbf{x} \cdot \mathbf{x}$

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## **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.1 General (Cont'd)
    - 6.1.3 Rate Categories (Cont'd)
      - (B) Local Transport (Cont'd)
        - (3) Nonchargeable Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following optional features in association with the Interface Groups 1, 2, 6 and 9 preceding. Only those Interface Groups referenced with each optional feature will be provided with that feature.

(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 as follows:

For Interface Groups 1 and 2

DM Supervisory Signaling, E&M Type I Supervisory Signaling, E&M Type II Supervisory Signaling, or E&M Type III Supervisory Signaling

For Interface Group 2

SF Supervisory Signaling, or Tandem Supervisory Signaling

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### ACCESS SERVICE

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.1 General (Cont'd)
    - 6.1.3 Rate Categories (Cont'd)
      - (B) Local Transport (Cont'd)
        - (3) Nonchargeable Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following optional features in association with the Interface Groups listed in (1) through (9) preceding. Only those Interface Groups referenced with each optional feature will be provided with that feature.

(T)

(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 as follows:

- For Interface Groups 1 and 2

DM Supervisory Signaling, E&M Type I Supervisory Signaling, E&M Type II Supervisory Signaling, or E&M Type III Supervisory Signaling

- For Interface Group 2

SF Supervisory Signaling, or Tandem Supervisory Signaling

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State Executive, External Affairs

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### ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

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6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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(B) Local Transport (Cont'd)

## (3) Nonchargeable Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following optional features in association with the Interface Groups listed in (1) through (10) preceding. Only those Interface Groups referenced with each optional feature will be provided with that feature.

## (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 as follows:

- For Interface Groups 1 and 2

DM Supervisory Signaling, E&M Type I Supervisory Signaling, E&M Type II Supervisory Signaling, or E&M Type III Supervisory Signaling

For Interface Group 2

SF Supervisory Signaling, or Tandem Supervisory Signaling

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - General (Cont'd)
    - 6.1.3 Rate Categories (Cont'd)
      - (B) Local Transport (Cont'd)
        - (3) Nonchargeable Optional Features (Cont'd)
          - (a) Supervisory Signaling (Cont'd)
            - For Interface Groups 6 and 9 These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company central offices. Generally such signaling is available only where the entry switch provides an analog, i.e., non digital, interface to the transport termination and a portion of the facility between the analog entry switch and the customer's premises is analog.

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## (b) Improved Return Loss

This feature provides Improved Return Loss, expressed as Echo Return Loss and Singing Return Loss, on two-wire ports of a four-wire point of termination. The specific parameters guaranteed are set forth in 6.4.1 following. This feature is available with all Feature Groups.

## (4) Chargeable Optional Features

(a) Provision of Other Than Telephone Company Selected Traffic Routing

This option allows the customer to specify a particular traffic routing for trunk groups in lieu of Telephone Company selected routing, i.e., the customer may specify that the routing be on a direct trunk basis or via an access tandem. It is available with Feature Groups B, C, D, Interim 500, TFC and 900 Access Service.

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- Switched Access Service (Cont'd) 6.
  - 6.1 General (Cont'd)

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- 6.1.3 Rate Categories (Cont'd)
  - (B) Local Transport (Cont'd)

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- Nonchargeable Optional Features (Cont'd) (3)
  - Supervisory Signaling (Cont'd) (a)
    - For Interface Groups 6 through 10

These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company central offices. Generally such signaling is available only where the entry switch provides an analog, i.e., non digital, interface to the transport termination and a portion of the facility between the analog entry switch and the customer's premises is analog.

(b) Improved Return Loss

> This feature provides Improved Return Loss, expressed as Echo Return Loss and Singing Return Loss, on two-wire ports of a four-wire point of termination. The specific parameters guaranteed are set forth in 6.4.1 following. This feature is available with all Feature Groups.

- (4) Chargeable Optional Features
  - (a) Provision of Other Than Telephone Company Selected Traffic Routing

This option allows the customer to specify a particular traffic routing for trunk groups in lieu of Telephone Company selected routing, i.e., the customer may specify that the routing be on a direct trunk basis or via an access tandem. It is available with Feature Groups B, C, D, Interim 500, TFC and 900 Access Service.

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April 29, 1996

ISSUED: March 27, 1996

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### ACCESS SERVICE

6. Switched Access Service (Cont'd) RECEIVED

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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(B) Local Transport (Cont'd)

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- (3) Nonchargeable Optional Features (Cont'd)
  - (a) Supervisory Signaling (Cont'd)
  - For Interface Groups 6 through 10

These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company central offices. Generally such signaling is available only where the entry switch provides an analog, i.e., non digital, interface to the transport termination and a portion of the facility between the analog entry switch and the customer's premises is analog.

(b) Improved Return Loss

> This feature provides Improved Return Loss, expressed as Echo Return Loss and Singing Return Loss, on two-wire ports of a four-wire point of termination. The specific parameters guaranteed are set forth in 6.4.1 following. This feature is available with all Feature Groups.

- (4) Chargeable Optional Features
  - (a) Provision of Other Than Telephone Company Selected Traffic Routing

This option allows the customer to specify a particular traffic routing for trunk groups in lieu of Telephone Company selected routing, i.e., the customer may specify that the routing be on a direct trunk basis or via an access tandem. It is available with Feature Groups B, C, D, Interim 500, 800 and 900 Access Service.

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January 11, 1995

BY: John L. Roe

EFFECTIVE: February 11, 1995

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ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

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- 6.1 General (Cont'd)
  - 6.1.3 Rate Categories (Cont'd)

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- (B) <u>Local Transport</u> (Cont'd)
  - (3) Nonchargeable Optional Features (Cont'd)
    - (a) <u>Supervisory Signaling</u> (Cont'd)
    - For Interface Groups 6 through 10

These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company central offices. Generally such signaling is available only where the entry switch provides an analog, i.e., non digital, interface to the transport termination and a portion of the facility between the analog entry switch and the customer's premises is analog.

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Improved Return Loss

This feature provides Improved Return Loss, expressed as Echo Return Loss and Singing Return Loss, on two-wire ports of a four-wire point of termination. The specific parameters guaranteed are set forth in 6.4.1 following. This feature is available with all Feature Groups.

- (4) Chargeable Optional Features
  - (a) Provision of Other Than Telephone Company Selected Traffic Routing

This option allows the customer to specify a particular traffic routing for trunk groups in lieu of Telephone Company selected routing, i.e., the customer may specify that the routing be on a direct trunk basis or via an access tandem. It is available with Feature Groups By C and 92 D.

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## ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Local Transport (Cont'd)
(4) (Chargeable Optional Features (Cont'd) (b) Customer Specification of Feature

- Group Directionality This option allows the customer to specify that the operation of a trunk group will be one-way originating or terminating calling in lieu of Telephone Company selected two-way calling or, alternatively, that operation will be two-way calling in lieu of Telephone Company selected one-way calling. It is available with Feature Groups B, C and D.
- (c) Customer Specification of Local Transport Termination This option allows the customer to specify, for Feature Group B routed directly to an end office or access tandem, a four-wire termination of the Local Transport at the entry switch in lieu of a Telephone Company selected two-wire termination. This option is available only when the Feature Group B arrangement is provided with Type B Transmission Specifications.

These options are rated on an individual case basis with both nonrecurring charges and monthly recurring rates applying.

(C) Local Switching

The Local Switching 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 intercept function informs a caller why a call, as dialed, could not be completed, and if possible, provides the caller with information required to complete the call. Directory Assistance Service and the applicable rates for it are set forth in Section 9, following.

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## ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

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6.1 General (Cont'd)

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6.1.3 Rate Categories (Cont'd)

(B) Local Transport (Cont'd)

(4) <u>Chargeable Optional Features</u> (Cont'd)

(b) <u>Customer Specification of Feature Group</u>
<u>Directionality</u>

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This option allows the customer to specify that the operation of a trunk group will be one-way originating or terminating calling in lieu of Telephone Company selected two-way calling or, alternatively, that operation will be two-way calling in lieu of Telephone Company selected one-way calling. It is available with Feature Groups B, C and D.

(c) <u>Customer Specification of Local Transport</u> <u>Termination</u>

This option allows the customer to specify, for Feature Group B routed directly to an end office or access tandem, a four-wire termination of the Local Transport at the entry switch in lieu of a Telephone Company selected two-wire termination. This option is available only when the Feature Group B arrangement is provided with Type B Transmission Specifications.

These options are rated on an individual case basis with both nonrecurring charges and monthly recurring rates applying.

(C) 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 CO?

Access communications to and from the end lusers served by the local end office. The End Office rate category includes the Local Switching.

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.1 General (Cont'd)
    - 6.1.3 Rate Categories (Cont'd)
      - (C) Local Switching (Cont'd)

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ACCESS SERVICE

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6. Switched Access Service (Cont'd)

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6.1 General (Cont'd)

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6.1.3 Rate Categories (Cont'd)

(C) End Office (Cont'd)

Line Termination, Intercept and Information (i.e., Directory Assistance) rate elements. Directory Assistance Service and the applicable rates for it are set forth in Section 9. following.

## (1) Local Switching

The Local Switching rate element provides for the use of end office switching equipment. It is divided into two distinct categories, i.e., LS1 and LS2. The first category, LS1, provides local dial switching for Feature Groups A and B. The second category, LS2, provides local dial switching for Feature Groups C and D.

LS1 for originating and terminating Feature Groups A and B, except when FGA or FGB is used to terminate calls to WATS Access Line Service;

LS2 for originating and terminating Feature Groups C and D, and for FGA and FGB when used to terminate calls to WATS Access Line Service:

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(C) Local Switching (Cont'd)

(1) Local Switching (Cont'd)

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November 7, 1993

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6. <u>Switched Access Service</u> (Cont'd)

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6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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- (C) End Office (Cont'd)
  - (1) Local Switching (Cont'd)

Rates for LS1 and LS2 are set forth in 6.8.3(A) following. The application of these rates with respect to individual Feature Groups is as set forth in 6.7.1(D) following.

There are two types of local switching functions, i.e., Common Switching functions and Transport Termination functions. These are described in (a) and (b) following.

## (a) Common Switching

Common Switching provides the local end office switching functions associated with the various access (i.e., Feature Group) switching arrangements. The Common Switching arrangements provided for the various Feature Group arrangements are described in 6.2 following.

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Included as part of Common Switching are commission various optional features which the customer can order to meet its specific communications requirements. These optional features are described in 6.3.1 following.

## (b) <u>Transport Termination</u>

Transport Termination provides for the line or trunk side arrangements which terminate the Local Transport facilities. Included as part of Transport Termination are various nonchargeable optional termination arrangements. These optional terminating arrangements are described in 6.3.2 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(C) Local Switching (Cont'd)

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## ACCESS SERVICE

Switched Access Service (Cont'd)

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- 6.1 General (Cont'd)
  - 6.1.3 Rate Categories (Cont'd)

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- (C) End Office (Cont'd)
  - (1) Local Switching (Cont'd)
    - (b) <u>Transport Termination</u> (Cont'd)

The number of Transport Terminations provided will be determined by the Telephone Company as set forth in 6.5.6 following.

(2) Line Termination

The Line Termination rate element provides the terminations for the end user lines terminating in the local end office. There are two types of Line Terminations, (i.e., Common Line Terminations and WATS Access Line terminations).

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The WATS Access Line terminations are differentiated by line side vs. trunk side terminations. The standard WATS Access Line arrangement is available with a line side termination. There are various types of originating and terminating line side terminations depending on the type signaling associated with the WATS Access Line (i.e., loop start or ground start). Line side terminations are available with either dial pulse or dual tone multifrequency address signaling.

Line Termination rates are as set forth in 6.8.3(B) following. The application of these rates with respect to individual Feature Groups is as set forth in 6.7.1(D) following.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D) Toll Free Code (TFC) Access Service
The TFC Access Service Data Base Query
Charge, as set forth in Section 6.8.4(A)
following, will apply for each TFC call
query received at the Telephone Company's
TFC data base. Per query charges will be
accumulated over a monthly period and billed
to the customer on a monthly basis.

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Included as a part of TFC Access Service are various optional service features, described in Section 6.2.5 following, which the customer may specify to meet its specific requirements. The rates for the TFC Data Base Optional Service Features are set forth in Section 6.8.4(B) following and will apply on a per query basis. When a combination of one or more optional service features is specified only one such charge shall apply

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one or more optional service features is specified, only one such charge shall apply. Per query service option charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

## (E) 900 Access Service Nonrecurring Charges

The 900 Access Service nonrecurring charge is assessed depending upon how the service is ordered:

- (1) If the service is ordered for the state or LATA, the customer charge for the assembly of route tables is assessed for each end office the Telephone Company serves in the state or LATA. A second nonrecurring charge element applies per NXX activated or deactivated, times the number of Telephone Company access tandems or end offices modified to perform six digit screening for 900 Access Service.
- (2) The second alternative allows for the service to be ordered to only one access tandem or end office performing six digit screening. The customer charge for the assembly of route tables is assessed for each end office subtending the access tandem (including a collocated end office, if applicable). A second nonrecurring charge element applies per NXX activated or deactivated, times the designated Telephone Company access tandem(s) or end office(s) modified to perform six digit screening for 900 Access Service. This option can be applied repetitively to different tandems to customize the intended offering area.

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### ACCESS SERVICE

## 6. <u>Switched Access Service</u> (Cont'd)

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6.1 <u>General</u> (Cont'd)

6.1.3 Rate Categories (Cont'd)

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(D) 800 Access Service

The 800 Access Service Data Base Quanty Charge Frace forth in Section 6.8.4(A) following, will apply for each 800 call query received at the Telephone Company's 800 data base. Per query charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

Included as a part of 800 Access Service are various optional service features, described in Section 6.2.5 following, which the customer may specify to meet its specific requirements. The rates for the 800 Data Base Optional Service Features are set forth in Section 6.8.4(B) following and will apply on a per query basis. When a combination of one or more optional service features is specified, only one such charge shall apply. Per query service option charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

(E) 900 Access Service Nonrecurring Charges

The 900 Access Service nonrecurring charge is assessed depending upon how the service is ordered:

- (1) If the service is ordered for the state or LATA, the customer charge for the assembly of route tables is assessed for each end office the Telephone Company serves in the state or LATA. A second nonrecurring charge element applies per NXX activated or deactivated, times the number of Telephone Company access tandems or end offices modified to perform six digit screening for 900 Access Service.
- (2) The second alternative allows for the service to be ordered to only one access tandem or end office performing six digit screening. The customer charge for the assembly of route tables is assessed for each end office subtending the access tandem (including a collocated end office, if applicable). A second nonrecurring charge element applies per NXX activated or deactivated, times the designated Telephone Company access tandem(s) or end office(s) modified to perform six digit screening for 900 Access Service. This option can be applied repetitively to different tandems to customize the intended offering area.

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BY The RISSOURI Public Service Commission Public Service Commission Public Service PARTIVE IDE

ISSUED: January 11, 1995

5 B**Publication Resident** Fell Vice President - Carrier **Mis** Regulatory Services

5454 West 110th Street Overland Park, Kansas 66211 (N)

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ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

NOV 2 1993

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

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(T) (D)

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(C) Local Switching (Cont'd)

(D) 800 Access Service

The 800 Access Service Data Base Query Charge, as set forth in Section 6.8.4(A) following, will apply for each 800 call query received at the Telephone Company's 800 data base. Per query charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

Included as a part of 800 Access Service are various optional service features, described in Section 6.2.5 following, which the customer may specify to meet its specific requirements. The rates for the 800 Data Base Optional Service Features are set forth in Section 6.8.4(B) following and will apply on a per query basis. When a combination of one or more optional service features is specified, only one such charge shall apply. Per query service option charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

6.1.4 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are as set forth in 11. following:

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ISSUED: November 3, 1993 BY: John L. Roe Vice President-Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: November 7, 1993

First Revised Page 170 Cancels Original Page 170

### ACCESS SERVICE

б. Switched Access Service (Cont'd)

General (Cont'd)

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6.1.3 Rate Categories (Cont'd)

(C) End Office (Cont'd) M.O. PUBLIC SERVICE COMM.

#### (3) Intercept Rate

The Intercept rate element provides for the termination of a call at a Telephone Company Intercept operator or recording. The operator or recording tells a caller why a call, as dialed, could not be completed, and if possible, provides the correct number.

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Intercept rates are assessed to a customer based on the total number of access minutes. Intercept rates are applied as set forth in BY Service Commission test with respect to individual Feature Groups is as set forth in 6.7 1000 and Feature Groups

> The number of end office switching transmission paths provided will be determined as set forth in 6.5.5 following.

#### (D) 800 Access Service

The 800 Access Service Data Base Query Charge, as set forth in Section 6.8.4(A) following, will apply for each 800 call query received at the Telephone Company's 800 data base. Per query charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

Included as a part of 800 Access Service are various optional service features, described in Section 6.2.5 following, which the customer may specify to meet its specific requirements. The rates for the 800 Data Base Optional Service Features are set forth in Section 6.8.4(B) following and will apply on a per query basis. When a combination of one or more optional service features is specified, only one such charge shall apply. Per query service option charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

6.1.4 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The TIMY 0 11993 regulations, rates and charges for Special Facilities' Routing (i.e., Avoidance, Diversity and Cable-Only), are asing Min. set forth in 11. following.

ISSUED: March 31, 1993

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: May 1, 1993 (N)

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### ACCESS SERVICE

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#### 6. Switched Access Service (Cont'd)

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#### 6.1 General (Cont'd)

## 6.1.3 Rate Categories (Cont'd)

MISSOURI Public Service Commission

#### (C) End Office (Cont'd)

#### (3) Intercept

The Intercept rate element provides for the termination of a call at a Telephone Company Intercept operator or recording. The operator

MAY Commission Intercept rates are assessed to a customer based on the total number of access minutes.

Intercept rates are applied as set force

6.8.3(C) following. The and if possible, and if

The number of end office switching transmission paths provided will be determined as set forth in 6.5.5 following.

## 6.1.4 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are as set forth in 11. following.

## 6.1.5 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report.

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EFFECTIVE: 

> NOV 7 1992

ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

Original Page 170.1

ACCESS SERVICE

6. Switched Access Service (Cont'd)

General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(E) 900 Access Service Nonrecurring Charges

The route pattern nonrecurring charge applies only once, on the customer's initial request to the Telephone Company for 900 Access Service in each LATA or state. If the customer places an order using option (2) above, the route pattern nonrecurring charge applies to each end office specified in the order received.

(F) 500 Access Service The Interim 500 Access Service nonrecurring charge is assessed depending upon how the service is ordered:

- (1) If the service is ordered for the state or LATA, the customer charge for the assembly of route tables is assessed for each end office the Telephone Company serves in the state or LATA. A second nonrecurring charge element applies per NXX activated or deactivated, times the number of Telephone Company access tandems or end offices modified to perform six digit screening for Interim 500 Access Service.
- (2) The second alternative allows for the service to be ordered to only one access tandem or end office performing six The customer charge digit screening. for the assembly of route tables is assessed for each end office subtending the access tandem (including a collocated end office, if applicable). A second nonrecurring charge element applies per NXX activated or deactivated, times the designated Telephone Company access tandem(s) or end office(s) modi-fied to perform six digit screening for Interim 500 Access This option can be applied Service. repetitively to different tandems to customize the intended offering area.

The route pattern nonrecurring charge applies only once, on the customer's initial request to the Telephone Company for Interim 500 Access Service in each LATA or state. If the customer places an order using option (2) above, the route pattern nonre-curring charge applies to each end office specified in the order received.

## 6.1.4 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are as set forth in 11. following.

ISSUED: Richard D. Lawson EFFECTIVE: January 11, 1995 State Executive, External Affairs February 11, 1995 (M)

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Fourth Revised Page 171 Cancels Third Revised Page 171

ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

6.1 General (Cont'd)

6.1.5 Design Layout Report

At the request of the customer, the Telephone
Company will provide to the customer the makeup
of the facilities and services provided from the

customer's premises to the first point of switching. This information will be pro-vided in the form of a Design Layout Report.

The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

## 6.1.6 Acceptance Testing

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-message noise, C-notched noise, 3-tone slope, d.c. con-tinuity, and operational signaling. When Local Transport is provided with Interface Groups 2, 6 and 9, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

Activation of 500 or 900 NXX codes will be tested by the Telephone Company by placing a test call from each end office where six digit screening is performed. In locations where six digit screening is performed at an access tandem with multiple subtending end offices, a minimum of one subtending end office will be tested by the Telephone Company. No charge will be made for these tests.

## 6.1.7 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also, included in that section are other charges which may be associated with ordering Switched Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

## 6.2 Provision and Description of Switched Access Service Feature Groups

Switched Access Service is provided in four different Feature Group arrangements and as Interim 500, TFC and 900 Access Service. The provision of each Feature Group requires Local Transport facilities and the appropriate End Office functions. In addition, WATS Access Line Service as described in 7.2.11 following may, at the option of the customer, be provided for use with Feature Group C and D.

ISSUED: Richard D. Lawson State Executive, External Affairs EFFECTIVE: May 3, 2000

June 2, 2000

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#### 6. Switched Access Service (Cont'd)

#### 6.1 General (Cont'd)

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## 6.1.5 <u>Design Layout Report</u>

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At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report.

The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

## 6.1.6 Acceptance Testing

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-message noise, C-notched noise, 3-tone slope, d.c. continuity, and operational signaling. When Local Transport is provided with Interface Groups 2 through 10, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

Activation of 500 or 900 NXX codes will be tested by the Telephone Company by placing a test call from each end office where six digit screening is performed. In locations where six digit screening is performed at an access tandem with multiple subtending end offices, a minimum of one subtending end office will be tested by the Telephone Company. No charge will be made for these tests.

## 6.1.7 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also, included in that section are other charges which may be associated with ordering Switched Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

#### Provision and Description of Switched Access Service Feature 6.2 Groups

Switched Access Service is provided in four different Feature Group arrangements and as Interim 500, TFC and 900 Access Service. The provision of each Feature Group requires Local Transport facilities and the appropriate End Office functions. In addition, WATS Access Line Service as described in 7.2.11 following may, at the option of the customer, be provided for use with Feature Group

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April 29, 1996

EFFECTIVE:

ISSUED: March 27, 1996

BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street

Overland Park, Kansas 66211

Second Revised Page 171 Cancels First Revised Page 171

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## 6. <u>Switched Access Service</u> (Cont'd)

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## 6.1 General (Cont'd)

## 6.1.5 Design Layout Report

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At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report.

The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

## 6.1.6 Acceptance Testing

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Activation of 500 or 900 NXX codes will be tested by the Telephone Company by placing a test call from each end office where six digit screening is performed. In locations where six digit screening is performed at an access tandem with multiple subtending end offices, a minimum of one subtending end office will be tested by the Telephone Company. No charge will be made for these tests.

## 6.1.7 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also, included in that section are other charges which may be associated with ordering Switched Access Service (e.g., Service Date Charge Charges, Cancellation Charges, etc.).

## 6.2 <u>Provision and Description of Switched Access Service Feature</u> Groups

Switched Access Service is provided in four different Feature Group arrangements and as Interim 500, 800 and 900 Access Service. The provision of each Feature Group requires Local Transport facilities and the appropriate End Office functions. In addition, WATS Access Line Service as described in 7.2.11 following may, at the option of the customer, be provided for use with Feature Group C and D.

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February 11, 1995

ISSUED: January 11, 1995

Public President - Carrier and Regulatory Services
5454 West 110th Street

Overland Park, Kansas 66211

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## ACCESS SERVICE

## 6. Switched Access Service (Cont'd)

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6.1 General (Cont'd)

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## 6.1.5 Design Layout Report

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At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report.

The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

## 6.1.6 Acceptance Testing

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-message noise, C-notched noise, 3-tone slope, d.c. continuity, and operational signaling. When Local Transport is provided with Interface Groups 2 through 10, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

## 6.1.7 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also, included in that section are other charges which may be associated with ordering Switched Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

## 6.2 <u>Provision and Description of Switched Access Service Feature</u> <u>Groups</u>

Switched Access Service is provided in four different Feature Group arrangements. The provision of each Feature Group requires Local Transport facilities and the appropriate End Office functions. In addition, WATS Access Line Service as described in 7.2.11 following may, at the option of the customer, be provided for use with Feature Group C and D.

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ISSUED: March 31, 1993 BY: Prince Commission

BY: President - Administration

5454 West 110th Street

Overland Park, Kansas 66211

EFFECTIVE: May 1, 1993

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ACCESS SERVICE

#### 6. Switched Access Service (Cont'd)

#### 6.1 General (Cont'd)

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## 6.1.5 Design Layout Report (Cont'd)

The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

## 6.1.6 Acceptance Testing

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-message noise, C-notched noise, 3-tone slope, d.c. continuity, and operational signaling. When Local Transport is provided with Interface Groups 2 through 10, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters CANCELLED (equal level echo path loss) may also be tested.

## 6.1.7 Ordering Options and Conditions

that section are other charges which may be associated with commission ordering Switched Access Service (e.g., Service half Service) Charges, Cancellation Charges, etc.).

### 6.2 Provision and Description of Switched Access Service Feature Groups

Switched Access Service is provided in four different Feature Group arrangements. The provision of each Feature Group requires Local Transport facilities and the appropriate End Office functions. In addition, WATS Access Line Service as described in 7.2.11 following may, at the option of the customer, be provided for use with Feature Group C and D.

There are three specific transmission specifications (i.e., Types A. B and C) that have been identified for the provision of Feature Groups. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 6.4.1 following.

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EFFECTIVE: **全国对地区992**加部 NOV 7

ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - Feature Groups (Cont'd)
    There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Feature Groups. The specifications provided are dependent on the Interface Group and the

Provision and Description of Switched Access Service

the provision of Feature Groups. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 6.4.1 following.

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered, while Interim 500 Access Service, TFC Access Service and 900 Access Service are arranged for originating calling only. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

There are various chargeable and nonchargeable optional features available with the Feature Groups. These additional optional features are provided as Local Transport, and Local Switching options.

Following are detailed descriptions of each of the available Feature Groups. Each Feature Group is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, optional features available for use with it and the standard testing capabilities.

The Local Switching optional features, which are described in 6.3 following, unless specifically stated otherwise, are available at all suitably equipped Telephone Company end office switches.

ISSUED:
EFFECTIVE:

Richard D. Lawson

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March 27, 1996

April 29, 1996

State Executive, External Affairs

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ACCESS SERVICE

<u>Switched Access Service</u> (Cont'd)

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

MO. PUBLIC SERVICE COMM. There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Feature Groups. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 6.4.1 following.

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered, while Interim 500 Access Service, 800 Access Service and 900 Access Service are arranged for originating calling only. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

There are various chargeable and nonchargeable optional features available with the Feature Groups. These additional optional features are provided as Local Transport, and Local Switching options.

Following are detailed descriptions of each of the available Feature Groups. Each Feature Group is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, optional features available for use with it and the standard testing capabilities.

The Local Switching optional features, which are described in 6.3 following, unless specifically stated otherwise, are available at all suitably equipped Telephone Company end office switches.

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Public Service Commission

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MISSOURI Public Service Commission EFFECTIVE:

ISSUED:

January 11, 1995

BY: John L. Roe February 11, 1995 Vice President - Carrier and Regulatory Services 5454 West 110th Street

Overland Park, Kansas 66211

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Second Revised Page, 172 Cancels First Revised Page 172

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ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

MO. PUBLIC SERVICE COMM.

6.2 <u>Provision and Description of Switched Access Service Feature</u> <u>Groups</u> (Cont'd)

There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Feature Groups. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 6.4.1 following.

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

There are various chargeable and nonchargeable optional features available with the Feature Groups. These additional optional features are provided as Local Transport, and Local Switching options.

Following are detailed descriptions of each of the available Feature Groups. Each Feature Group is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, optional features available for use with it and the standard testing capabilities.

The Local Switching optional features, which are described in 6.3 following, unless specifically stated otherwise, are available at all suitably equipped Telephone Company end office switches.

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ISSUED: November 3, 1993 BY: John L. Roe
Vice President-Administration
5454 West 110th Street
Overland Park, Kansas 66211

EFFECTIVE: November 7, 1993

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#### б. Switched Access Service (Cont'd)

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6.2 Provision and Description of Switched Access Service Feature MO. PUBLIC SERVICE COMO Groups (Cont'd)

There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Feature Groups. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 6.4.1 following.

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

There are various chargeable and nonchargeable optional features available with the Feature Groups. These additional optional features are provided as Local Transport, Common Switching, Transport Termination, or Line Terminations options.

Following are detailed descriptions of each of the available Feature Groups. Each Feature Group is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, optional features available for use with it and the standard testing capabilities.

The Common Switching and Transport Terminations optional features, which are described in 6.3 following, unless specifically stated otherwise, are available at all suitably equipped Telephone Company end office switches.

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ISSUED: March 31, 1993

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: May 1, 1993

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Switched Access Service (Cont'd)

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6.2 Provision and Description of Switched Access Service Feature OUPI Groups (Cont'd) FUDIC Service Commission

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

There are various chargeable and nonchargeable optional features available with the Feature Groups. These additional optional features are provided as Local Transport, Common Switching, Transport Termination, or Line Terminations options.

Following are detailed descriptions of each of the available Feature Groups. Each Feature Group is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, optional features available for use with it and the standard testing capabilities.

The Common Switching and Transport Terminations optional features, which are described in 6.3 following, unless specifically stated otherwise, are available at all suitably equipped Telephone Company end office switches.

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MO. PUPLIC SERVICE COMM.

ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

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Second Revised Page 173 Cancels First Revised Page 173

# **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.2 <u>Provision and Description of Switched Access Service Feature Groups</u> (Cont'd)
    - 6.2.1 Feature Group A (FGA)
      - (A) Description
        - (1) FGA is provided in connection with Telephone Company electronic 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. FGA is arranged for use by the customer in the provision of its MTS/WATS-type service.
          - 2) FGA provides a line side termination at the first point of switching. The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.
        - (3) The Telephone Company shall select the first point of switching, within the selected exchange 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.

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First Revised Page 173

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ACCESS SERVICE

Switched Access Service (Cont'd)

**REC'D MAY 03 2000** 

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- Provision and Description of Switched Access Service Feature Groups (Cont'd)
  - 6.2.1 Feature Group A (FGA)
    - (A) Description
      - (1) FGA is provided in connection with Telephone Company electronic 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. FGA is arranged for use by the customer in the provision of its FX/ONAL service or MTS/WATS-type service.
      - (2) FGA provides a line side termination at the first point of switching. The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.
      - (3) The Telephone Company shall select the first point of switching, within the selected exchange 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.

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ISSUED: May 3, 2000

Richard D. Lawson State Executive, External Affairs June 2, 2000

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#### ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

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6.2 Provision and Description of Switched Access Service Feature

Groups (Cont'd) WISSOURI

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# 6.2.1 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. FGA is arranged for use by the customer in the provision of its FX/ONAL service or MTS/WATS-type service.
- (2) FGA provides a line side termination at the first point of switching. The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.
- (3) The Telephone Company shall select the first point of switching, within the selected exchange 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.

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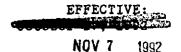
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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211



# ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.1 Feature Group A (FGA) (Cont'd)
      - (A) Description (Cont'd)
        - (4) (Cont'd)

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. 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.

ISSUED: Richard D. Lawson EFFECTIVE: September 17, 1992 State Executive, External Affairs November 7, 1992

#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.1 Feature Group A (FGA) (Cont'd)
      - (A) Description (Cont'd)
        - (7) FGA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator assistance (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 provider, and other customer services (by dialing the appropriate digits.) Charges for FGA terminating calls requiring operator assistance or calls to 611 or 911 will only apply where sufficient call details are available.

Additional non-access charges will also 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 and, (3) calls from a FGA line 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. For calls to Directory Assistance (411 where available and 555-1212), Local Transport rates for FGA Switched

ISSUED: EFFECTIVE: September 17, 1992 November 7, 1992 Richard D. Lawson

September 17, 1992 State Executive, External Affairs

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# ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.1 Feature Group A (FGA) (Cont'd)
      - (A) Description (Cont'd)
        - (7) (Cont'd)

Access Service will not apply. Instead, calls to Directory Assistance are subject to the Directory Assistance Service charge set forth in 9.6(A).

- (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) Optional Features

(T)

- (1) Local Switching Optional Features
  - (a) Hunt Group Arrangement
  - (b) Uniform Call Distribution Arrangement
  - (c) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement
  - (d) Call Denial
  - (e) Service Code Denial
  - (f) Band Advance Arrangement for use with WATS Access Line Service.

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# ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

- RECEIVED
- 6.2 Provision and Description of Switched Access Service Feature 17 1992

  Groups (Cont'd)
  - 6.2.1 Feature Group A (FGA) (Cont'd)

MISSOURI Public Service Commission

- (A) <u>Description</u> (Cont'd)
  - (7) (Cont'd)

Access Service will not apply. Instead, calls to Directory Assistance are subject to the Directory Assistance Service charge set forth in 9.6(A).

(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 disled has been disconnected.

# (B) Optional Features

- (1) Common Switching Optional Features
  - (a) Hunt Group Arrangement
  - (b) Uniform Call Distribution Arrangement
  - (c) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement
  - (d) Call Denial
  - (e) Service Code Denial
  - (f) Band Advance Arrangement for use with WATS Access Line Service.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

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SPRINT MISSOURI, INC. d/b/a SPRINT

Second Revised Page 177 Cancels First Revised Page 177

# ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.2 <u>Provision and Description of Switched Access Service Feature Groups</u> (Cont'd)
    - 6.2.1 Feature Group A (FGA) (Cont'd)
      - (B) Optional Features (Cont'd)
        - (1) Local Switching Optional Features (Cont'd)
          - (g) Two-way operation with dial pulse address signaling and loop start supervisory signaling.
          - (h) Two-way operation with dial pulse address signaling and ground start supervisory signaling.
          - (i) Two-way operation with dual tone multi-frequency address signaling and loop start supervisory signaling
          - (j) Two-way operation with dual tone multi-frequency address signaling and ground start supervisory signaling
          - (k) Terminating operation with dial pulse address signaling and loop start supervisory signaling
          - (I) Terminating operation with dial pulse address signaling and ground start super-visory signaling
          - (m) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
          - (n) Terminating operation with dual tone multi-frequency address signaling and ground start supervisory signaling
          - (o) Originating operation with loop start super-visory signaling
          - (p) Originating operation with ground start supervisory signaling
          - (q) Call Screening
          - (r) Call Restriction

(2) Local Transport Optional Features

- (a) Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)
- (b) Improved Return Loss
- (3) Certain other features which may be available in connection with Feature Group A are provided under the Telephone Company's local and/or general exchange service tariffs. These are:

ISSUED: November 29, 2000 Richard D. Lawson
State Executive, External Affairs
319 Madison
Jefferson City, MO 65101

EFFECTIVE: December 29, 2000

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# ACCESS SERVICE

6. Switched Access Service (Cont'd)

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

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- 6.2.1 Feature Group A (FGA) (Cont'd)
  - (B) Optional Features (Cont'd)

(1)	Loca	al Switching Optional Features (Cont'd)	(1)
	(g)	Two-way operation with dial pulse address signaling and loop start supervisory signaling.	(1)
	(h)	Two-way operation with dial pulse address signaling and ground start supervisory signaling.	(1)
	(i)	Two-way operation with dual tone multifrequency address signaling and loop start supervisory signaling	(1)
	(j)	Two-way operation with dual tone multifrequency address signaling and ground start supervisory signaling	(T)
	(k)	Terminating operation with dial pulse address signaling and loop start supervisory signaling	(ĭ)
	(1)	Terminating operation with dial pulse address signaling and ground start supervisory signaling	(٦)
	(m)	Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling	(1)
	(n)	Terminating operation with dual tone multifrequency address signaling and ground start supervisory	(٦)
	(0)	signaling Originating operation with loop start supervisory signaling	(٦)
	(p)	Originating Operation with ground start supervisory signaling	(1)
(2)	Loca1	Transport Optional Features	(1)
	(a)	Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)	

Improved Return Loss (b)

(3) Certain other features which may be available in connection with Feature Group A are provided under the Telephone Company's local and/or general exchange service tariffs. These are:

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ISSUED: November 3, 1993

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: November 7, 1993 (T)

#### ACCESS SERVICE

Switched Access Service (Cont'd)

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- 6.2 Provision and Description of Switched Access Service Feature

  Groups (Cont'd) SEP 17 1992
  - 6.2.1 <u>Feature Group A (FGA)</u> (Cont'd)

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(B) Optional Features (Cont'd)

# (2) Transport Termination Optional Features

- (a) Two-way operation with dial pulse address signaling and loop start supervisory signaling.
- (b) Two-way operation with dial pulse address signaling and ground start supervisory signaling.
- (c) Two-way operation with dual tone multifrequency address signaling and loop start supervisory signaling
- (d) Two-way operation with dual tone multifrequency address signaling and ground start supervisory signaling
- (e) Terminating operation with dial pulse address signaling and loop start supervisory signaling
- (f) Terminating operation with dial pulse address signaling and ground start supervisory signaling
- (g) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
- (h) Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling
- (i) Originating operation with loop start supervisory signaling
- (j) Originating operation with ground start supervisory signaling

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# (3) Local Transport Optional Features

(a) Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)

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(b) Improved Return Loss

(4) Certain other features which may be available in connection with Feature Group A are provided under the Telephone Company's local and/or general exchange service tariffs. These are:

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# ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.1 Feature Group A (FGA) (Cont'd)
      - (B) Optional Features (Cont'd)
        - (3) (Cont'd)
          - (a) Custom Calling Features
          - (b) Bill Number Screening
          - (c) IntraLATA extensions
      - (C) Transmission Performance

FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are quaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2, 6 and 9. Type DB Data Transmission Parameters are provided with FGA to the first point of switching.

(D) 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 In addition to the tests described in 6.1.6 preceding, which are included with the installation of service, additional Cooperative Acceptance Testing and Non-Scheduled Testing tests are available for FGA as set forth in 13.3.5 following.

ISSUED: Richard D. Lawson May 3, 2000 State Executive, External Affairs June 2, 2000

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6. <u>Switched Access Service</u> (Cont'd)

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6.2 <u>Provision and Description of Switched Access Service Feature</u> <u>Groups</u> (Cont'd)

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

- (B) Optional Features (Cont'd)
  - (3) (Cont'd)

(1)

- (a) Custom Calling Features
- (b) Bill Number Screening
- (c) IntraLATA extensions

# (C) <u>Transmission Performance</u>

FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGA to the first point of switching.

(D) <u>Testing Capabilities</u>

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. In addition to the tests described in 6.1.6 preceding, which are included with the installation of service, additional Cooperative Acceptance Testing and Non-Scheduled Testing tests are available for FGA as set forth in 13.3.5 following.

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ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: November 7, 1993

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### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

- RECEIVED
- 6.2 Provision and Description of Switched Access Service Feature 17 1992

  Groups (Cont'd)
  - 6.2.1 Feature Group A (FGA) (Cont'd)

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- (B) Optional Features (Cont'd)
  - (4) (Cont'd)
    - (a) Custom Calling Features
    - (b) Bill Number Screening
    - (c) IntraLATA extensions
- (C) <u>Transmission Performance</u>

FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGA to the first point of switching.

(D) <u>Testing Capabilities</u>

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. In addition to the tests described in 6.1.6 preceding, which are included with the installation of service, additional Cooperative Acceptance Testing and Non-Scheduled Testing tests are available for FGA as set forth in 13.3.5 following.

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### ACCESS SERVICE

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

# 6.2.2 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 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. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth in 6.3 following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using 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 950-0XXX or 950-1XXX for carriers.

ISSUED: Richard D. Lawson EFFECTIVE: May 3, 2000 State Executive, External Affairs June 2, 2000

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#### ACCESS SERVICE

6. Switched Access Service (Cont'd) RECEIVED

Provision and Description of Switched Access Service Feature 17 1992 6.2 Groups (Cont'd)

6.2.2 Feature Group B (FGB)

MISSOURI Public Service Commission

#### Description (A)

- (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. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth in 5.3 following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using 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 950-0XXX or 950-1XXX for carriers.

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BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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#### ACCESS SERVICE

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

Services.

(4) (Cont'd)

These uniform access codes will be the assigned access numbers of all FGB
Switched Access Service provided to the customer by the Telephone Company. FBG
Switched Access may also be used to originate TFC Access Service until such time as FGD becomes available in the end office. FGB may also be used for completion of calls to WATS Access Line Service. The customer's end user is not required to dial an access code for originating TFC Access Service provided with Feature Group B Switched Access Service.

(T)

(T)

(5) FGB switching, when used in the terminating direction may be used to access valid NXXs in the toll free calling area of the terminating exchange, 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. The customer will 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

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ACCESS SERVICE

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6. Switched Access Service (Cont'd)

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- 6.2 Provision and Description of Switched Access Service Feature Commission Groups (Cont'd)
  - 6.2.2 Feature Group B (FGB) (Cont'd)
    - (A) <u>Description</u> (Cont'd)
    - (4) (Cont'd)

These uniform access codes will be the assigned access numbers of all FGB Switched Access Service provided to the customer by the Telephone Company. FBG Switched Access may also be used to originate 800 Access Service until such time as FGD becomes available in the end office. FGB may also be used for completion of calls to WATS Access Line Service. The customer's end user is not required to dial an access code for originating 800 Access Service provided with Feature Group B Switched Access Service.

(5) FGB switching, when used in the terminating direction may be used to access valid NXXs in the toll free calling area of the terminating exchange, 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. The customer will 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 Services.

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ISSUED: September 17, 1992 BY: John L. Roe
Vice President - Administration
5454 West 110th Street
Overland Park, Kansas 66211

# ACCESS SERVICE

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

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 the 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 where available and 555-1212), service codes (611 and 911 where available) or 101XXXX 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) use 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 an exchange, 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.

ISSUED: **EFFECTIVE:** July 2, 1998 August 3, 1998

CANCELLED - Missouri Public Service Commission - 06/04/2006 - TN-2006-0416 - YI-2006-0841

Richard D. Lawson

State Executive, External Affairs

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### ACCESS SERVICE

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature 1995
    Groups (Cont'd)
    - 6.2.2 Feature Group B (FGB) (Cont'd)

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- (A) <u>Description</u> (Cont'd)
  - (5) (Cont'd)

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 the 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 where available and 555-1212), service codes (611 and 911 where available) or 10XXXX or 101XXXX 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) use to terminate originating FGC or FGD calls.

(C)

- (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 an exchange, 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.

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ISSUED: June 5, 1995

BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

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6. Switched Access Service (Cont'd)

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6.2 Provision and Description of Switched Access Service Featura CELLED
Groups (Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

(A) <u>Description</u> (Cont'd)

(5) (Cont'd)

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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 the 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 where available and 555-1212), service codes (611 and 911 where available) 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) use 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 an exchange, 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.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 MO PUBLIC SERVICE COMM.

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# **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.2 <u>Provision and Description of Switched Access Service Feature Groups</u> (Cont'd)
    - 6.2.2 Feature Group B (FGB) (Cont'd)
      - (A) <u>Description</u> (Cont'd)
        - (8) AT&T Communications of the Southwest, Inc. (AT&T) subscribing to FGB:

When AT&T subscribes to both FGB and FGD at an equal access end office or to both FGB and FGC at any end office, all such FGB, FGC, and FGD usage originating and terminating at those end offices will be subject to the Carrier Common Line, Local Transport and Local **Switching rates** set forth in 3.8 and 6.8.

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ACCESS SERVICE

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- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature

    Groups (Cont'd)
    - 6.2.2 Feature Group B (FGB) (Cont'd)

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- (A) <u>Description</u> (Cont'd)
  - (8) AT&T Communications of the Southwest, Inc. (AT&T) subscribing to FGB:

When AT&T subscribes to both FGB and FGD at an equal access end office or to both FGB and FGC at any end office, all such FGB, FGC, and FGD usage originating and terminating at those end offices will be subject to the Carrier Common Line, Local Transport, Local Switching and Information Surcharge rates set forth in 3.8 and 6.8.

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ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE: November 7, 1993

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ACCESS SERVICE

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6. Switched Access Service (Cont'd)

Groups (Cont'd)

- Provision and Description of Switched Access Service Feature Commission
- 6.2.2 Feature Group B (FGB) (Cont'd)
  - (A) <u>Description</u> (Cont'd)
    - (8) AT&T Communications of the Southwest, Inc. (AT&T) subscribing to FGB:

When AT&T subscribes to both FGB and FGD at an equal access end office or to both FGB and FGC at any end office, all such FGB, FGC, and FGD usage originating and terminating at those end offices will be subject to the premium Carrier Common Line, Local Transport, Local Switching - LS2, and Information Surcharge rates set forth in 3.8 and 6.8.

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# ACCESS SERVICE

- 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
  - 6.2.2 Feature Group B (FGB) (Cont'd)
    - (B) Optional Features
      - (1) Common Switching Optional Features (T)

(D)

- (a) Automatic Number Identification (ANI)
- (b) Up to 7 Digit Outpulsing of Access Digits to Customer
- (c) Alternate Traffic Routing
- (d) Hunt Group Arrangement for Use with WATS Access Line Service
- (e) Uniform Call Distribution Arrangement for use with WATS Access Line Service
- (f) Nonhunting Number Arrangement for use with WATS Access Line Service as described in d or e, preceding.
- (g) Band Advance Arrangement for Use with WATS Access Line Service.
- (h) Rotary Dial Station Signaling (T)
- (2) Local Transport Optional Features (T)
  - (a) Provision of Other Than Telephone Company Selected Traffic Routing
  - (b) Customer Specification of Feature Group Directionality
  - (c) Customer Specification of Local Transport Termination

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#### ACCESS SERVICE

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- Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Commission Groups (Cont'd)
    - 6.2.2 Feature Group B (FGB) (Cont'd)
      - (B) Optional Features
        - (1) <u>Common Switching Optional Features</u>
          - (a) Automatic Number Identification (ANI)
          - (b) Up to 7 Digit Outpulsing of Access Digits to Customer
          - (c) Alternate Traffic Routing
          - (d) Hunt Group Arrangement for Use with WATS Access Line Service
          - (e) Uniform Call Distribution Arrangement for use with WATS Access Line Service
          - (f) Nonhunting Number Arrangement for use with WATS Access Line Service as described in d or e, preceding.
          - (g) Band Advance Arrangement for Use with WATS Access Line Service.
        - (2) Transport Termination Optional Features
          - (a) Rotary Dial Station Signaling
        - (3) Local Transport Optional Features
          - (a) Provision of Other Than Telephone Company Selected Traffic Routing
          - (b) Customer Specification of Feature Group Directionality
          - (c) Customer Specification of Local Transport
            Termination

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:
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# ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.2 Feature Group B (FGB) (Cont'd)
      - (B) Optional Features (Cont'd)
        - (3) Another feature, Bill Number Screening, which may be available in connection with FGB, is provided under the Telephone Company's local and/or general exchange service tariffs.
      - (C) Transmission Performance

FGB is provided with either Type B or Type C Trans-mission Specifications. specifications for the associated parameters are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Transmission specifications are provided with Inter-face Group 1 and Type B is provided with Interface Groups 2 through 9. Type DB Data Transmission Parameters are provided with FGB to the first point of switching.

(D) 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)

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ISSUED:

Richard D. Lawson May 3, 2000 State Executive, External Affairs June 2, 2000

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#### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

Provision and Description of Switched Access Service Feature

Groups (Cont'd)

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6.2.2 Feature Group B (FGB) (Cont'd)

- (B) Optional Features (Cont'd)
  - (3) Another feature, Bill Number Screening, which may be available in connection with FGB, is provided under the Telephone Company's local and/or general exchange service tariffs.

# (C) <u>Transmission Performance</u>

FGB is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Type C Transmission specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGB to the first point of switching.

(D) <u>Testing Capabilities</u>

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)

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ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: November 7, 1993

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ACCESS SERVICE

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- Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Commission Groups (Cont'd)
    - 6.2.2 Feature Group B (FGB) (Cont'd)
      - (B) Optional Features (Cont'd)
        - (4) Another feature, Bill Number Screening, which may be available in connection with FGB, is provided under the Telephone Company's local and/or general exchange service tariffs.
      - (C) <u>Transmission Performance</u>

FGB is provided with either Type B or Type C
Transmission Specifications. The specifications for
the associated parameters are guaranteed to the end
office when routed directly or to the first point of
switching when routed via an access tandem. Type C
Transmission specifications are provided with
Interface Group 1 and Type B is provided with
Interface Groups 2 through 10. Type DB Data
Transmission Parameters are provided with FGB to the
first point of switching.

(D) 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)

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SPRINT MISSOURI, INC. d/b/a SPRINT

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# ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - Provision and Description of Switched Access Service (Cont'd) Feature Groups
    - 6.2.2 Feature Group B (FGB) (Cont'd)
      - (D) Testing Capabilities (Cont'd) test line, loop around test line, short circuit test line and open circuit test In addition to the tests described in 6.1.6 preceding, which are included with the installation of service, Additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing are available as set forth in 13.3.5 following.

# 6.2.3 Feature Group C (FGC)

- (A) Description
  - (1) FGC is available in all end offices for LEC to LEC traffic. FGC is provided at all Telephone Company end office switches on a direct trunk basis or via Telephone Company designated access tandem switches. FGC switching is provided to the customer (i.e., providers of MTS and WATS) at an end office switch unless Feature Group D end office switching is provided in the same office. When FGD is available, FGC will be discontinued for Interexchange Carriers (ICs).
- FGC 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 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, delay dial start-pulsing signals will be provided, unless immed-iate dial pulse signaling is provided, in which case no start-pulsing signals are provided.
  - (3) FGC is provided with multifrequency address signaling.

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#### ACCESS SERVICE

6. Switched Access Service (Cont'd) REC'D FED 09 2000

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- Provision and Description of Switched Access Service Feature Groups (Cont'd)
  - 6.2.2 Feature Group B (FGB) (Cont'd)
    - (D) Testing Capabilities (Cont'd)

test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.6 preceding, which are included with the installation of service, Additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing are available as set forth in 13.3.5 following.

#### 6.2.3 Feature Group C (FGC)

- (A) Description
  - (1) FGC is available in all end offices for LEC to LEC traffic. FGC is provided at all Telephone Company end office switches on a direct trunk basis or via Telephone Company designated access tandem switches. FGC switching is provided to the customer (i.e., providers of MTS and WATS) at an end office switch unless Feature Group D end office switching is provided in the same office. When FGD is available, FGC will be discontinued for Interexchange Carriers (ICs).
  - (2) FGC 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 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, delay dial startpulsing signals will be provided, unless immediate dial pulse signaling is provided, in which case no start-pulsing signals are provided.
  - (3) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In Schlag Commission

ISSUED: Richard D. Lawson FILFD MAR 1 0 2000 EFFECTIVE: February 9, 2000 State Executive, External Affairs

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Commission

    Groups (Cont'd) Continuesion
    - 6.2.2 Feature Group B (FGB) (Cont'd)
      - (D) Testing Capabilities (Cont'd)

test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.6 preceding, which are included with the installation of service, Additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing are available as set forth in 13.3.5 following.

# 6.2.3 Feature Group C (FGC)

- (A) Description
  - (1) FGC is provided at all Telephone Company end office switches on a direct trunk basis or via Telephone Company designated access tandem switches. FGC switching is provided to the customer (i.e., providers of MTS and WATS) 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.
  - (2) FGC 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 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, delay dial start-pulsing signals will be provided, unless immediate dial pulse signaling is provided, in which case no start-pulsing signals are provided.
  - (3) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency. CV 7 1892 signaling is not available. In

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MAR 1 0 2000 By しょ ストルの Public Service Commission MISSOURI

> ISSUED: September 17, 1992

BY: John L. Roe
Vice President - Administration
5454 West 110th Street
Overland Park, Kansas 66211

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### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - Provision and Description of Switched Access Service (Cont'd) Feature Groups
    - 6.2.3 Feature Group C (FGC) (Cont'd) (A) Description (Cont'd)

(3) (Cont'd)

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 called party number signals will be subject to the ordinary transmission capabilities

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of the Local Transport provided.

- (4) No access code is required for FGC switching. 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. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, and 0 or 1 + NPA + NXX-XXXX.
- (5) FGC switching, when used in the terminating direction, may be used to access valid NXXs in the local calling area, time or weather announcement services of the Telephone Company, community information services of an information provider, and other customers' services (by dialing the appropriate codes) when the services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Commission Groups (Cont'd)
    - 6.2.3 Feature Group C (FGC) (Cont'd)
      - (A) <u>Description</u> (Cont'd)
        - (3) (Cont'd)

such switches address signaling will be dial pulse, revertive pulse, immediate dial pulse or panel call indicator signaling, whichever is available. 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 called party number signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

- (4) No access code is required for FGC switching. 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. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, and 0 or 1 + NPA + NXX-XXXX.
- (5) FGC switching, when used in the terminating direction, may be used to access valid NXXs in the local calling area, time or weather announcement services of the Telephone Company, community information services of an information provider, and other customers' services (by dialing the appropriate codes) when the services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes

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ISSUED: September 17, 1992

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BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

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# ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.3 Feature Group C (FGC) (Cont'd)
      - (A) <u>Description</u> (Cont'd)
        - (5) (Cont'd)

served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by offices subtending the access tandem may be accessed. Where measure-ment capabilities exist, 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 Services. Additionally, non-access charges will also be billed for calls from a FGC trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company per-forms 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 101XXXX access codes. Calls will be (completed to Directory Assistance (NPA-555-1212 and 555-1212) when FGC switching is combined with Directory Assistance switching. combination of FGC Switched Access Service with DA Service is provided as set forth in 9. following. FGC may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

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(6) 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 for technical limitations, a separate trunk group will be established for each type of FGC switch-ing 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.

ISSUED: Richard D. Lawson EFFECTIVE: July 2, 1998
State Executive, External Affairs August 3, 1998

CANCELLED - Missouri Public Service Commission - 06/04/2006 - TN-2006-0416 - YI-2006-0841

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### ACCESS SERVICE

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- <u>Switched Access Service</u> (Cont'd)
  - Provision and Description of Switched Access Service 6.2 Groups (Cont'd)
    - 6.2.3 Feature Group C (FGC) (Cont'd)

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- (A) <u>Description</u> (Cont'd)
  - (5) (Cont'd)

served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by offices subtending the access tandem may be accessed. Where measurement capabilities exist, 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 Services. Additionally, non-access charges will also be billed for calls from a FGC 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 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 or 101XXXX access codes. Calls will be (completed to Directory Assistance (NPA-555-1212 and 555-1212) when FGC switching is combined with Directory Assistance switching. The combination of FGC Switched Access Service with DA Service is provided as set forth in 9. following. FGC may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

(6) 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 for 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 CANCELLED ephone Company.

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MISSOURI Public Service Commission

ISSUED: June 5, 1995

BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

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ACCESS SERVICE

Switched Access Service (Cont'd)

Public Service Commissio.. 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

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

(A) <u>Description</u> (Cont'd)

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(5) (Cont'd)

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When You'red served by that office may be accessed. through an access tandem, only those valid NXX codes served by offices subtending the access tandem may be accessed. Where measurement capabilities exist, 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 Services. Additionally, non-access charges will also be billed for calls from a FGC 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 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. Calls will be completed to Directory Assistance (NPA-555-1212 and 555-1212) when FGC switching is combined with Directory Assistance switching. The combination of FGC Switched Access Service with DA Service is provided as set forth in 9. following. FGC may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

The Telephone Company will establish a trunk group or (6) groups for the customer at end office switches or access tandem switches where FGC switching is provided. When required for 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.

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: October 17 71000 NOV 7 1992

- 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
  - 6.2.3 Feature Group C (FGC) (Cont'd)
    - (B) Optional Features (where equipment is available)
      - (1) Common Switching Optional Features
        - (a) Automatic Number Identification (ANI)
        - (b) Service Class Routing
        - (c) Dial Pulse Address Signaling
        - (d) Revertive Pulse Address Signaling
        - (e) Delay Dial Start-Pulsing Signaling
        - (f) Immediate Dial Pulse Address
           Signaling
        - (g) Panel Call Indicator Address Signaling
        - (h) Alternate Traffic Routing
        - (i) Trunk Access Limitation
        - (j) End Office End User Line Service Screening for Use with WATS Access Line Service
        - (k) Hunt Group Arrangement for Use with WATS Access Line Service
        - (1) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
        - (m) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
        - (n) Band Advance Arrangement for Use with (T) WATS Access Line Service.

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(o) Operator Trunks - i.e., Pay Telephone. Pay Telephone Trunks are provided only at Telephone Company electronic end offices and other Telephone Company end offices where equipment is available.)

ISSUED: EFFECTIVE: January 15, 1997 April 15, 1997

CANCELLED - Missouri Public Service Commission - 06/04/2006 - TN-2006-0416 - YI-2006-0841

Richard D. Lawson

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#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - Provision and Description of Switched Access Service Feature 1993 6.2 Groups (Cont'd)
    - 6.2.3 Feature Group C (FGC) (Cont'd)

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- Optional Features (where equipment is available) (B)
  - (1) Local Switching Optional Features
    - Automatic Number Identification (ANI) (a)
    - (b) Service Class Routing
    - Dial Pulse Address Signaling (c)
    - (d) Revertive Pulse Address Signaling
    - Delay Dial Start-Pulsing Signaling (e)
    - (£) Immediate Dial Pulse Address Signaling
    - Panel Call Indicator Address Signaling (g)
    - (h) Alternate Traffic Routing
    - (i) Trunk Access Limitation
    - End Office End User Line Service Screening for (j) Use with WATS Access Line Service
    - Hunt Group Arrangement for Use with WATS Access (k) Line Service
    - (1)Uniform Call Distribution Arrangement for Use with WATS Access Line Service
    - Nonhunting Number for Use with Hunt Group (m) Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line
    - Band Advance Arrangement for Use with WATS (n) Access Line Service.
    - (o) Operator Trunks - i.e., Coin, Non-Coin and Combined Coin and Non-Coin. (Non-Coin Trunks are provided at Telephone Company electronic and electromechanical end offices. Coin and Combined Coin and Non-Coin are provided only at Telephone Company electronic end offices and other Telephone Company end offices where equipment is available.)

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ISSUED: November 3, 1993

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: November 7, 1993

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#### ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

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- 6.2 Provision and Description of Switched Access Service Feature

  Groups (Cont'd)
  - 6.2.3 Feature Group C (FGC) (Cont'd)

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- (B) Optional Features (where equipment is available)
  - (1) <u>Common Switching Optional Features</u>
    - (a) Automatic Number Identification (ANI)
    - (b) Service Class Routing
    - (c) Dial Pulse Address Signaling
    - (d) Revertive Pulse Address Signaling
    - (e) Delay Dial Start-Pulsing Signaling
    - (f) Immediate Dial Pulse Address Signaling
    - (g) Panel Call Indicator Address Signaling
    - (h) Alternate Traffic Routing
    - (i) Trunk Access Limitation
      - End Office End User Line Service Screening for Use with WATS Access Line Service Hunt Group Arrangement for Use with WATS Access Line Service
    - (1) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
    - (m) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
    - (n) Band Advance Arrangement for Use with WATS Access Line Service.
  - (2) <u>Transport Termination Optional Features</u> (where equipment is available)
    - a) Operator Trunks i.e., Coin, Non-Coin and Combined Coin and Non-Coin. (Non-Coin Trunks are provided at Telephone Company electronic and electromechanical end offices. Coin and Combined Coin and Non-Coin are provided only at Telephone Company electronic end offices and other Telephone Company end offices where equipment is available.)

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

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Third Revised Page 189 Cancels Second Revised Page 189

## **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.2 <u>Provision and Description of Switched Access Service Feature Groups</u> (Cont'd)
    - 6.2.3 Feature Group C (FGC) (Cont'd)
      - (B) Optional Features (where equipment is available) (Cont'd)
        - (2) Local Transport Optional Features
          - (a) Supervisory signaling (as set forth in 6.1.3(B)(3)(a) preceding).
      - (C) <u>Transmission Specifications</u>

FGC is provided with either Type B or Type C Transmission Specifications as follows:

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

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2, 6 and 9, whether routed directly to an end office or to an access tandem.

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# Missouri Public Service Commission

#### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

- **REC'D MAY 03** 2000
- 6.2 <u>Provision and Description of Switched Access Service Feature</u>
  Groups (Cont'd)
  - 6.2.3 Feature Group C (FGC) (Cont'd)
    - (B) Optional Features (where equipment is available)
       (Cont'd)
      - (2) Local Transport Optional Features
        - (a) Supervisory signaling (as set forth in 6.1.3(B)(3)(a) preceding).
    - (C) Transmission Specifications

FGC is provided with either Type B or Type C Transmission Specifications as follows:

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

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 9, whether routed directly to an end office or to an access tandem.

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Public Service Commission

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Missouri Public Service Commission

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ISSUED: May 3, 2000 Richard D. Lawson State Executive, External Affairs EFFECTIVE: June 2, 2000

First Revised Page 189 Cancels Original Page 189

#### ACCESS SERVICE

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature 1993
    Groups (Cont'd)
    - 6.2.3 Feature Group C (FGC) (Cont'd)

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- (B) Optional Features (where equipment is available) (Cont'd)
  - (2) Local Transport Optional Features

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- (a) Supervisory signaling (as set forth in 6.1.3(B)(3)(a) preceding).
- (C) Transmission Specifications

FGC is provided with either Type B or Type C Transmission Specifications as follows:

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

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 10, whether routed directly to an end office or to an access tandem.

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NOV 7 1993 MO. PUBLIC SERVICE COMM.

ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE: November 7, 1993

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#### ACCESS SERVICE

SEP 17 1992

- 6. Switched Access Service (Cont'd)
  - WISSOURI Provision and Description of Switched Access Service Feature 133 Commission 6.2 Groups (Cont'd)
    - 6.2.3 Feature Group C (FGC) (Cont'd)
      - (B) Optional Features (where equipment is available) (Cont'd)
        - (3) Local Transport Optional Features
          - Supervisory signaling (as set forth in 6.1.3(B)(3)(a) preceding).
      - (C) Transmission Specifications

FGC is provided with either Type B or Type C Transmission Specifications as follows:

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

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 10, whether routed directly to an end office or to an access tandem.

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.3 Feature Group C (FGC) (Cont'd)
      - (C) Transmission Performance (Cont'd)

Type DB Data Transmission Parameters are provided with FGC for the transmission path between the customer's premises and the end office when directly routed to the end office, and Type DB Data Trans-mission 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 when routed via an access tandem.

# (D) Testing Capabilities

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, 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. addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing or Manual Scheduled Testing, and Nonscheduled Testing are available as set forth in 13.3.5 following for FGC.

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#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.4 Feature Group D (FGD)
      - (A) Description
        - (1) FGD is provided at Telephone Company designated electronic end office switches whether routed directly or via Telephone Company designated electronic access tandem switches.
        - (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.
        - (3) FGD switching 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 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.
        - (4) FGD switching, when used in the terminating direction, may be used to access valid NXXs in the local exchange, 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. customer will also be billed additional non-access charges for calls to certain

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September 17, 1992 State Executive, External Affairs

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### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.4 Feature Group D (FGD) (Cont'd)
      - (A) Description (Cont'd)
        - (4) (Cont'd)

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 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 or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 and 555-1212) when FGD switching is combined with Directory Assistance switching. The combination of FGD Switched Access Service with DA Service is provided as set forth in 9. following. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

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- (5) 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.
- (6) The access code for FGD switching is a uniform access code of the form 101XXXX. These uniform access codes will be the assigned access numbers of all FGD access

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State Executive, External Affairs

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### ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.2 Provision and Description of Switched Access SATYRE REPORTS
    Groups (Cont'd)
    - 6.2.4 Feature Group D (FGD) (Cont'd)
      - (A) <u>Description</u> (Cont'd)

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MO. PUBLIC SERVICE COMM. 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 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 or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 and 555-1212) when FGD switching is combined with Directory Assistance switching. The combination of FGD Switched Access Service with DA Service is provided as set forth in 9. following. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

- (5) 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.
- (6) The access code for FGD switching is a uniform access code of the form 10XXX or 101XXXX. These uniform access codes will be the assigned access numbers of all FGD access

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ISSUED: June 5, 1995

BY: John L. Roe
Vice President - Carrier and Regulatory Services
5454 West 110th Street
Overland Park, Kansas 66211

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6. Switched Access Service (Cont'd)

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

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(A) Description (Cont'd)

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BY\_1 at R.S. \$195 community information service Rubbe Salvice Commission 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 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. Calls will be completed to Directory Assistance (NPA-555-1212 and 555-1212) when FGD switching is combined with Directory Assistance switching. combination of FGD Switched Access Service with DA Service is provided as set forth in 9. following. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D.

- (5) 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.
- The access code for FGD switching is a uniform baccess code of the form 10XXX. These uniform (6) access codes will be the assigned access of all FGD access

ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: October 17, 1992 NOV 7 1992

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### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.4 Feature Group D (FGD) (Cont'd)
      - (A) Description (Cont'd)
        - (6) (Cont'd)

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 13. following.

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). The form of the numbers dialed by the customer's end user is NXX-XXXX, or 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX.

When the 101XXXX 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 at the customer's option, the end-of-dialing digit (#) for cutthrough access to the customer's premises.

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(7) FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing the 101XXXX uniform access code. Each telephone exchange service line may be marked with a presubscription code to identify which 101XXXX code its calls will be directed to for interLATA and intraLATA service. Presubscription codes are applied as set forth in 13. following.

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State Executive, External Affairs

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#### ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.2 Provision and Description of Switched Access Service 3 V3 D
    Feature Groups (Cont'd)
  - 6.2.4 Feature Group D (FGD) (Cont'd)

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- (A) <u>Description</u> (Cont'd)
  - (6) (Cont'd)

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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 13. following.

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). The form of the numbers dialed by the customer's end user is NXX-XXXX, or 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX.

When the 10XXX or 101XXXX 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 at the customer's option, the end-of-dialing digit (#) for cut-through access to the customer's premises.

(7) FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing the 10XXX or 101XXXX uniform access code. Each telephone exchange service line may be marked with a presubscription code to identify which 10XXX or 101XXXX code its calls will be directed to for interLATA and intraLATA service. Presubscription codes are applied as set forth in 13. following.

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ISSUED: May 29, 1997 EFFECTIVE: June 30, 1997

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

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    - 6.2.4 Feature Group D (FGD) (Cont'd)
      - (A) <u>Description</u> (Cont'd)

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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 13. following.

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). The form of the numbers dialed by the customer's end user is NXX-XXXX, or 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX.

When the 10XXX or 101XXXX access code is used, (C) 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 at the customer's option, the end-of-dialing digit (#) for cut-through access to the customer's premises.

from telephone exchange service locations without the need for dialing the 10XXX or 101XXXX uniform access code. Each telephone exchange service line may be marked with a presubscription code to identify which 10XXX or 101XXXX code its calls will be directed to for interLATA service. Presubscription codes are applied as set forth in 13. following.

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ISSUED: June 5, 1995

BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

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- Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Fearing Ellippingion

    Groups (Cont'd)
    - 6.2.4 Feature Group D (FGD) (Cont'd)
      - (A) <u>Description</u> (Cont'd)
        - (6) (Cont'd)

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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 13. following.

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). The form of the numbers dialed by the customer's end user is NXX-XXXX, or 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX.

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 at the customer's option, the end-of-dialing digit (#) for cut-through access to the customer's premises.

from telephone exchange service locations without the need for dialing the 10XXX uniform access code. Each telephone exchange service line may be marked with a presubscription code to identify which 10XXX code its calls will be directed to for interLATA service. Presubscription codes are applied as set forth in 13. following.

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## ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.4 Feature Group D (FGD) (Cont'd)
      - (A) Description (Cont'd)
        - (8) 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, for a limited period of time, direct calls dialed by the customer's end users using the customer's previous FGB access code to the customer's FGD access service. 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.

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State Executive, External Affairs

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# **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.2 <u>Provision and Description of Switched Access Service Feature Groups</u> (Cont'd)
    - 6.2.4 Feature Group D (FGD) (Cont'd)
      - (B) Optional Features (where equipment is available)
        - (1) Local Switching Optional Features
          - (a) Automatic Number Identification (ANI)
          - (b) Service Class Routing
          - (c) Alternate Traffic Routing
          - (d) Call Gapping Arrangement
          - (e) Trunk Access Limitation
          - (f) International Carrier Option
          - (g) End Office End User Line Service Screening for Use with WATS Access Line Service
          - (h) Hunt Group Arrangement for Use with WATS Access Line Service
          - (i) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
          - (j) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
          - (k) Band Advance Arrangement for Use with WATS Access Line Service
          - (I) Cut-Through
          - (m) Flexible Automatic Number Identification (Flex ANI)
          - (n) Operator Trunk, Full Feature Arrangement
          - (o) Feature Group D With 950 Access
          - (p) Switched 64 Clear Channel Capability
          - (q) Multifrequency Address Signaling
        - (2) <u>Local Transport Optional Features</u> (where equipment is available)
- (N) (N)
- (a) Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)
- (b) Improved Return Loss
- (c) Data Transmission Parameters
- (d) Provision of Other Than Telephone Company Selected Traffic Routing
- (e) Customer Specification of Feature Group Directionality

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  - Provision and Description of Switched Access Service Heature 05 6.2 Groups (Cont'd)
    - 6.2.4 Feature Group D (FGD) (Cont'd)

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- Optional Features (where equipment is available)
  - Local Switching Optional Features (1)
    - Automatic Number Identification (ANI)

Service Class Routing (b)

- Alternate Traffic Routing (c)
- Call Gapping Arrangement Trunk Access Limitation (d)
- (e)
- (f) International Carrier Option
- End Office End User Line Service Screening (g) for Use with WATS Access Line Service
- (h) Hunt Group Arrangement for Use with WATS Access Line Service
- Uniform Call Distribution Arrangement for (i)Use with WATS Access Line Service
- Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution (j) Arrangement for Use with WATS Access Line
- (k) Band Advance Arrangement for Use with WATS Access Line Service
- (1)Cut-Through
- Flexible Automatic Number Identification (m) (Flex ANI)
- (n) Operator Trunk, Full Feature Arrangement
- (0) Feature Group D With 950 Access

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- (2) Local Transport Optional Features (where equipment is available)
  - Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)

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MISSOURI Public Service Commission

ISSUED: June 5, 1995

BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

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ACCESS SERVICE

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature

    Groups (Cont'd)
    - 6.2.4 Feature Group D (FGD) (Cont'd)

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- (B) Optional Features (where equipment is available 151995
  - (1) Local Switching Optional FeaturesBY Public Service Commission
    - (a) Automatic Number Identification (ANE)
    - (b) Service Class Routing
    - (c) Alternate Traffic Routing
    - (d) Call Gapping Arrangement
    - (e) Trunk Access Limitation
    - (f) International Carrier Option
    - (g) End Office End User Line Service Screening for Use with WATS Access Line Service
    - (h) Hunt Group Arrangement for Use with WATS
      Access Line Service
    - (i) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
    - (j) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
    - (k) Band Advance Arrangement for Use with WATS Access Line Service
    - (1) Cut-Through

(2)

(m) Flexible Automatic Number Identification
 (Flex ANI)

(n) Operator Trunk, Full Feature Arrangement

- Local Transport Optional Features (where equipment is available)
  - (a) Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)

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ISSUED: November 3, 1993 BY: John L. Roe Vice President-Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: November 7, 1993

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#### ACCESS SERVICE

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

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

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- (B) Optional Features (where equipment is available)
  - (1) Common Switching Optional Features
    - (a) Automatic Number Identification (ANI)
    - (b) Service Class Routing
    - (c) Alternate Traffic Routing
    - (d) Call Gapping Arrangement
    - (e) Trunk Access Limitation
    - (f) International Carrier Option
    - (g) End Office End User Line Service Screening for Use with WATS Access Line Service
    - (h) Hunt Group Arrangement for Use with WATS Access Line Service
    - (i) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
    - (j) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
    - (k) Band Advance Arrangement for Use with WATS Access Line Service
    - (1) Cut-Through
    - (m) Flexible Automatic Number Identification (Flex ANI)
- (Flex ANI) (N)
  - (2) <u>Transport Termination Optional Features</u> (where equipment is available)
    - (a) Operator Trunk, Full Feature Arrangement
  - (3) Local Transport Optional Features (where equipment is available)
    - (a) Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)

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ISSUED: March 31, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: May 1, 1993

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ACCESS SERVICE

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б. Switched Access Service (Cont'd)

- Provision and Description of Switched Access Service Feature Commission 6.2 Groups (Cont'd)
  - 6.2.4 Feature Group D (FGD) (Cont'd)

(c)

- Optional Features (where equipment is availa CANCELLED (B)
  - (1) Common Switching Optional Features

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- Automatic Number Identification (PNI) / AFRS 18
- (b)
- Public Service Commission MISSOURI
- Alternate Traffic Routing (d) Call Gapping Arrangement
- Trunk Access Limitation (e)
- (f) International Carrier Option
- End Office End User Line Service Screening (g) for Use with WATS Access Line Service
- Hunt Group Arrangement for Use with WATS (h) Access Line Service
- (i) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- Nonhunting Number for Use with Hunt Group **(j)** Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- Band Advance Arrangement for Use with WATS (k) Access Line Service
- (1)Cut-Through
- Transport Termination Optional Features (where (2) equipment is available)
  - (a) Operator Trunk, Full Feature Arrangement
- Local Transport Optional Features (where (3) equipment is available)
  - Supervisory Signaling (as set forth in (a) 6.1.3(B)(3)(a) preceding)

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BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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## **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.2 <u>Provision and Description of Switched Access Service Feature Groups</u> (Cont'd)
    - 6.2.4 <u>Feature Group D (FGD)</u> (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, 6 and 9.

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.

ISSUED: January 7, 2002 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: February 7, 2002

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# Missouri Public Service Commission

ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

- **REC'D MAY 03** 2000
- 6.2 <u>Provision and Description of Switched Access Service Feature</u>
  Groups (Cont'd)
  - 6.2.4 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 9.

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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.

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EFFECTIVE: June 2, 2000

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ACCESS SERVICE

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Commission Groups (Cont'd)
    - 6.2.4 Feature Group D (FGD) (Cont'd)
      - (C) <u>Transmission Specifications</u>

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.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.4 Feature Group D (FGD) (Cont'd)
      - (D) 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. addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing, and NonScheduled Testing, are available for FGD as set forth in 13.3.5 following.

- 6.2.5 Miscellaneous Switched Access Services
  - (A) WATS Access Line Service

WATS Access Line Service combines Switched Access Service with Voice Grade Special Access Service that connects an end user premise with a WATS Serving Office. WATS Access Line Service will be provided as follows:

(1) Originating

WATS Access Line Service used for originating calling purposes is available only in conjunction with Feature Group C and D Switched Access Service.

When intrastate WATS Access Line Service is utilized for originating non-joint provided Wide Area Telecommunications Service, intraLATA calling is provided by the Telephone Company and will be billed as described in the Wide Area Telecommunications

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State Executive, External Affairs

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### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.5 <u>Miscellaneous Switched Access Services</u> (Cont'd)
      (A) WATS Access Line Service (Cont'd)
      - (1) Originating (Cont'd)
        - Service Tariff. InterLATA calling is provided by the customer and Switched Access charges as specified in this tariff will apply to such originating interLATA usage. For originating WATS Access Line Service, a WATS Access Line charge will apply as described in Section 7, following.

When intrastate WATS Access Line Service is utilized for originating joint provided Wide Area Telecommunications Service, intraLATA calling is provided by the Telephone Company and will be billed as described in the Wide Area Telecommunication Service tariff. InterLATA calling is provided by the customer and Switched Access charges as specified in this tariff will apply for such originating interLATA usage. For originating WATS Access Line service, a WATS Access Line charge will apply as described in Section 7, following, and in addition, a WATS Access Line charge will apply as specified in the Wide Area Telecommunications Service Tariff.

(2) Terminating

WATS Access Line Service used for terminating calling purposes is available in conjunction with Feature Groups A, B, C and D Switched Access Service.

Intrastate WATS Access Line Service may be utilized in the terminating direction for the completion of non-joint provided TFC Access Service calling as described in (B), following. For this arrangement, terminating interLATA and intraLATA usage will be billed Switched Access charges as specified in this tariff. For non-joint provided TFC Access

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March 27, 1996 State Executive, External Affairs
April 29, 1996

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Groups (Cont'd)
    - 6.2.5 <u>Miscellaneous Switched Access Services</u> (Cont'd)
      - WATS Access Line Service (Cont'd) (A)
        - (1) Originating (Cont'd)

Service Tariff. InterLATA calling is provided by the customer and Switched Access charges as specified in this tariff will apply to such originating interLATA usage. For originating WATS Access Line Service, a WATS Access Line charge will apply as described in Section 7, following.

When intrastate WATS Access Line Service is utilized for originating joint provided Wide Area Telecommunications Service, intraLATA calling is provided by the Telephone Company and BY Service Commissional apply for such original?

BY MISSOURI apply for such original? Access Line charge will apply as described in Section 7, following, and in addition, a WATS Access Line charge will apply as specified in the Wide Area Telecommunications Service Tariff.

#### Terminating (2)

WATS Access Line Service used for terminating calling purposes is available in conjunction with Feature Groups A, B, C and D Switched Access Service.

Intrastate WATS Access Line Service may be utilized in the terminating direction for the completion of non-joint provided 800 Access Service calling as described in (B), following. For this arrangement, terminating interLATA and intraLATA usage will be billed Switched Access charges as specified in this tariff. For non-7 1992 joint provided 800 Access

ISSUED: September 17, 1992

John L. Roe BY: Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.5 WATS Access Line Service (Cont'd)
      - (A) WATS Access Line Service (Cont'd)
        - (2) Terminating (Cont'd)

Service which utilizes terminating WATS Access Line Service for the completion of TFC Access Service calling, a WATS Access Line charge will apply as described in Section 7, following.

Intrastate WATS Access Line Service may be utilized in the terminating direction for the completion of joint provided TFC Access Service calling as described in (B), following. For this arrangement, terminating interLATA usage will be billed Switched Access charges as described in this tariff. IntraLATA usage will be billed as specified in the Wide Area Telecommunications Service Tariff. For joint provided TFC Access Service which utilizes terminating WATS Access Line Service for the completion of TFC Access Service calling a WATS Access Line charge will apply as specified in Section 7, following, and in addition, a WATS Access Line charge will apply as described in the Wide Area Telecommunication Service Tariff.

Local Switching optional features for WATS Access Line Service are provided in Section 6.

WATS Access Line Service is provided with either dial pulse or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling. The choice of the type of signaling is at the option of the customer.

A description of WATS Access Line Service provided in 7.2.11 following.

Richard D. Lawson

State Executive, External Affairs

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#### ACCESS SERVICE

- Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature

    Groups (Cont'd)
    - 6.2.5 Miscellaneous Switched Access Service (Cont'd)

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- (A) WATS Access Line Service (Cont'd)
- (2) <u>Terminating</u> (Cont'd)

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Service which utilizes terminating WATS Access Line Service for the completion of 800 Access Service calling, a WATS Access Line charge will apply as described in Section 7, following.

Intrastate WATS Access Line Service may be utilized in the terminating direction for the completion of joint provided 800 Access Service calling as described in (B), following. For this arrangement, terminating interLATA usage will be billed Switched Access charges as described in this tariff. IntraLATA usage will be billed as specified in the Wide Area Telecommunications Service Tariff. For joint provided 800 Access Service which utilizes terminating WATS Access Line Service for the completion of 800 Access Service calling a WATS Access Line charge will apply as specified in Section 7, following, and in addition, a WATS Access Line charge will apply as described in the Wide Area Telecommunication Service Tariff.

Local Switching optional features for WATS Access Line Service are provided in Section 6.

WATS Access Line Service is provided with either dial pulse or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling. The choice of the type of signaling is at the option of the customer.

A description of WATS Access Line Service provided in 7.2.11 following.

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BY: John L. Roe
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November 7, 1993

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#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - Provision and Description of Switched Access Service Feature 6.2
    - 6.2.5 Miscellaneous Switched Access Service (Cont'd)

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(A) WATS Access Line Service (Cont'd) MO. PUBLIC SERVICE COMM.

(2) Terminating (Cont'd)

> Service which utilizes terminating WATS Access Line Service for the completion of 800 Access Service calling, a WATS Access Line charge will apply as described in Section 7, following.

Intrastate WATS Access Line Service may be utilized in the terminating direction for the completion of joint provided 800 Access Service calling as described in (B), following. For this arrangement, terminating interLATA usage will be billed Switched Access charges as described in this tariff. IntraLATA usage will be billed as specified in the Wide Area Telecommunications Service Tariff. For joint provided 800 Access Service which utilizes terminating WATS Access Line Service for the completion of 800 Access Service calling a WATS Access Line charge will apply as specified in Section 7, following, and in addition, a WATS Access Line charge will apply as described in the Wide Area Telecommunication Service Tariff.

Common Switching optional features and Line Terminations for WATS Access Line Service are provided in Section 6.

WATS Access Line Service is provided with either dial pulse or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling. The choice of the type of signaling is at the option of the customer.

A description of WATS Access Line Service provided in 7.2.11 following.

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BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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Public Service Commission

6.2 <u>Provision and Description of Switched Access Service Feature</u> <u>Groups</u> (Cont'd)

6.2.5 WATS Access Line Service (Cont'd)

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(A) WATS Access Line Service (Cont'd)

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(2) <u>Terminating</u> (Cont'd)

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Service which utilizes terminating WATS Access/MIGSOUR! Service for the completion of 800 Access Service calling, a WATS Access Line charge will apply as described in Section 7, following.

Intrastate WATS Access Line Service may be utilized in the terminating direction for the completion of joint provided 800 Access Service calling as described in (B), following. For this arrangement, terminating interLATA usage will be billed Switched Access charges as described in this tariff. IntraLATA usage will be billed as specified in the Wide Area Telecommunications Service Tariff. For joint provided 800 Access Service which utilizes terminating WATS Access Line Service for the completion of 800 Access Service calling a WATS Access Line charge will apply as specified in Section 7, following, and in addition, a WATS Access Line charge will apply as described in the Wide Area Telecommunication Service Tariff.

Common Switching optional features and Line Terminations for WATS Access Line Service are provided in Section 6.

WATS Access Line Service is provided with either dial pulse or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling. The choice of the type of signaling is at the option of the customer.

A description of WATS Access Line Service provided in 7.2.11 following.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 NOV 7 1992

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.5 <u>Miscellaneous Switched Access Service</u> (Cont'd) (B) Toll Free Code (TFC) Access Service
      - (1) Description

TFC Access Service is an originating trunk side switched service that is available to the customer via TFC Access Service trunk groups, or may be provided in conjunction with FGB, FGC, or FGD. The service provides for the forwarding of end user dialed TFC calls to a Telephone Company Service Switching Point (SSP) which will initiate a TFC data base query to the Telephone Company's TFC data base to

perform the customer identification function. The call is forwarded to the appropriate customer based on the dialed TFC number. The customer has the option of having the TFC

dialed number (i.e., TFC-NXX-XXXX), or, if the (T) TFC to Local Exchange Number Translation (T) optional feature described in Section 6.2.5 is specified, a translated ten digit local

exchange number (i.e., NPA-NXX-XXXX), delivered to the customer premises.

No access code is required for TFC Access Service. When the TFC call is originated by an end user, the Telephone Company will perform the TFC data base query based on the dialed digits to determine the customer location to which the call is to be routed. The TFC data base query will be performed from suitably

equipped end offices or access tandems. If the call originates from an end office not equipped to perform the TFC data base query, the call will be routed to an access tandem at which the query function is available. Once customer

identification has been established, the call will be routed to the customer. TFC calls may be routed to different customers based on the local access transport area in which the call originates, however, calls originating from an

end office switch not included in the customer's area of service for TFC Access Service will not be completed.

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ISSUED: EFFECTIVE: March 27, 1996 April 29, 1996 Richard D. Lawson

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#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.5 <u>Miscellaneous Switched Access Service</u> (Cont'd)

MAR 31 1993

- (B) 800 Access Service
  - (1)Description

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800 Access Service is an originating trunk side switched service that is available to the customer via 800 Access Service trunk groups, or may be provided in conjunction with FGB, FGC, or FGD. The service provides for the forwarding of end user dialed 800 calls to a Telephone Company Service Switching Point (SSP) which will initiate an 800 data base query to the Telephone Company's 800 data base to perform the customer identification function. The call is forwarded to the appropriate customer based on the dialed 800 number. The customer has the option of having the 800 dialed number (i.e., 800-NXX-XXXX), or, if the 800 to Local Exchange Number Translation optional feature described in Section 6.2.5 is specified, a translated ten digit local exchange number (i.e., NPA-NXX-XXXX), delivered to the customer premises.

No access code is required for 800 Access Service. When the 800 call is originated by an end user, the Telephone Company will perform the 800 data base query based on the dialed digits to determine the customer location to which the call is to be routed. data base query will be performed from suitably equipped end offices or access tandems. If the call originates from an end office not equipped to perform the 800 data base query, the call will be routed to an access tandem at which the query function is available. Once customer identification has been established, the call will be routed to the customer. 800 calls may be routed to different customers based on the local access transport area in which the call originates, however, calls originating from an end office switch not included in the customer's area of case and will not be completed. service for 800 Aq

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ISSUED: March 31, 1993 Vice President - Administration Service Commission
5454 West 1101 5454 West 110th Street MISSOURI

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#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.5 <u>Miscellaneous Switched Access Service</u> (Cont'd)
      - (B) 800 Access Service

800 Access Service is an originating offering utilizing trunk side Switched Access Services. Access Service allows the customer's end user to originate 800 calls on a one plus basis without the use of an access code. The customer will be identified from the dialed 800 telephone number.

When a customer's end user originates s 1+800+NXX+XXXX call, the Telephone Company will perform the customer identification function at an 800 Access Service Screening Office to determine the customer to which the call is to be routed. The customer identification function will consist of the 800 Access Service Screening Office examining the 800 - NXX digits to determine which customer should receive the call. an 800 Access Service call originates at an office not equipped to provide the customer identification function, the call will be routed to an office where the function is available.

800 Access Service may be provided as either a joint provided or a non-joint provided service. Under the joint provided option, customers must complete 800 traffic to WATS Access Line Service, while under the non-joint provided option customers may complete their 800 traffic to WATS Access Line Service, Special Access, common lines or other facility arrangements. When WATS Access Lines are utilized for the completion of terminating 800 Access Services traffic, the customer's 800 Access Services within the State of Missouri that terminate on these WATS Access Lines, must all be all joint provided, or they must all be non-joint provided.

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Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.5 Miscellaneous Switched Access Service (Cont'd) (B) Toll Free Code (TFC) Access Service (Cont'd) Description (Cont'd) The provision of TFC Access Service requires access to the TFC Service Management System (TFC SMS) by a Responsible Organization on (T) behalf of the customer or through direct access by the customer to the TFC SMS. When TFC Access Service orginates from an end office equipped with equal access capabilities (i.e., (T) FGD), all such service will be provisioned in (T) accordance with the technical characteristics available with FGD. When TFC Access Service originates from an end office not equipped with (T) equal access, such service will be provisioned in accordance with the technical characteristics available with FGC.

customers, end offices lacking equal access capability or the TFC data base query function may only be served via an access tandem over FGD trunks or TFC Access Service trunk groups. Such service will be provisioned in accordance with the character-istics available with FGC or FGD. In either case, when more than one access tandem is in-volved in the transport of a TFC Access Service call, standard transmission characteristics are not guaranteed.

Unless prohibited by network considerations (e.g., different dialing plans), the customer's TFC Access Service traffic may, at the option (T) of the customer, be combined in the same trunk group arrangement with the customer's non-TFC switched access traffic except as follows. Combining TFC Access Service traffic with the (T) customer's direct routed switched access traffic will be allowed only when the end (T) office is equipped to perform the TFC data base When required by network (T) considerations, a separate trunk group must be (T) established for TFC Access Service.

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State Executive, External Affairs

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#### ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature

    Groups (Cont'd)
    - 6.2.5 <u>Miscellaneous Switched Access Service</u> (Cont'd)

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(B) 800 Access Service (Cont'd)

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(1) <u>Description</u> (Cont'd)

The provision of 800 Access Service requires access to [7] the 800 Service Management System (800 SMS) by a Responsible Organization on behalf of the customer or through direct access by the customer to the 800 SMS. When 800 Access Service orginates from an end office equipped with equal access capabilities (i.e., FGD), all such service will be provisioned in accordance with the technical characteristics available with FGD. When 800 Access Service originates from an end office not equipped with equal access, such service will be provisioned in accordance with the technical characteristics available with FGC. For FGB customers, end offices lacking equal access capability or the 800 data base query function may only be served via an access tandem over FGD trunks or 800 Access Service trunk groups. Such service will be provisioned in accordance with the characteristics available with FGC or FGD. In either case, when more than one access tandem is involved in the transport of an 800 Access Service call, standard transmission characteristics are not guaranteed.

Unless prohibited by network considerations (e.g., different dialing plans), the customer's 800 Access Service traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's non-800 switched access traffic except as follows. Combining 800 Access Service traffic with the customer's direct routed switched access traffic will be allowed only when the end office is equipped to perform the 800 data base query. When required by network considerations, a separate trunk group must be established in Access Service.

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ISSUED: March 31, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: May 1, 1993

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ACCESS SERVICE

6. Switched Access Service (Cont'd) Public Schrift Commission

- 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
  - 6.2.5 Miscellaneous Switched Access Service (Cont'd)
    - (B) 800 Access Service (Cont'd)

Joint provided 800 Access Service is an offering which requires 800 traffic to complete on either intrastate WATS Access Line Service as described in (A) preceding or on interstate WATS Access Line Service which carries both interstate and intrastate 800 traffic as described in the Telephone Company's Interstate Access Under joint provided 800 Access tariff FCC No. 5. service, the Telephone Company will bill the 800 Access Service customer Switched Access rates for BY A COMMISSION Non-joint provided 800 4

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intrastate WATS Access Line Service as described in (A) preceding, interstate and intrastate 800 traffic as provisioned in the Telephone Company's Interstate Access tariff FCC No. 5, common lines, Special Access, or customer provided facilities. Under non-joint provided 800 Access Service, the Telephone Company will bill the 800 Access Service customer Switched Access rates for originating intrastate 800 usage.

Terminating usage and/or a line charge will be billed according to the type of facility arrangement utilized for termination and completion of the 800 Access Service call.

Unless prohibited by technical limitations (e.g., different dialing plans), originating 800 Access Service traffic may, at the option of the customer, be combined in the same Feature Group B, C or D trunk group with the customer's other Access Service traffic. However, when Feature Group D becomes available in an end office, originating 800 Access Service traffic from that end office must be provided with Feature Group D.

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 <u>Provision and Description of Switched Access Service</u> Feature Groups (Cont'd)
    - 6.2.5 Miscellaneous Switched Access Service (Cont'd)
      - (B) Toll Free Code (TFC) Access Service (Cont'd)
        - (1) Description (Cont'd)

The TFC Access Service Data Base Query Charge, and the TFC Data Base Optional Service Features charge associated with various options ordered by the customer, as specified in Sections 6.1.3(D) preceding and 6.2.5(B) (3) following also apply.

(2) Technical Specifications

TFC Access Service trunk groups are provided with either Type B or Type C Transmission Specifications as follows:

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

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type Bi is provided with Interface Groups 2, 6 and 9, whether routed directly to an end office or to an access tandem.

Telephone Company switch and customer premises interfaces and design blocking criteria for Feature Group C apply to TFC Access Service.

ISSUED: Richard D. Lawson EFFECTIVE: May 3, 2000 State Executive, External Affairs June 2, 2000

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#### ACCESS SERVICE

Switched Access Service (Cont'd) 6.

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- Provision and Description of Switched Access Service Feature 6.2 Groups (Cont'd) MISSOURI
  - 6.2.5 Miscellaneous Switched Access Service (Cont'd)
    - Toll Free Code (TFC) Access Service (Cont'd)

(1)<u>Description</u> (Cont'd)

> The TFC Access Service Data Base Query Charge, and the TFC Data Base Optional Service Features charge associated with various options ordered by the customer, as specified in Sections 6.1.3(D) preceding and 6.2.5(B) (3) following also apply.

(2) Technical Specifications

> TFC Access Service trunk groups are provided with either Type B or Type C Transmission Specifications as follows:

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

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type Bi is provided with Interface Groups 2 through 10, whether routed directly to an end office or to an access tandem.

Telephone Company switch and customer premises interfaces and design blocking criteria for Feature Group C apply to TFC Access Service.

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ISSUED: March 27, 1996

BY: John L. Roe

EFFECTIVE: April 29, 1996

MC. PUBLIC SERVICE COMM

Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

First Revised Page 202 Cancels Original Page 202

#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.5 Miscellaneous Switched Access Service (Cont'd)

MAR 31 1993

(B) 800 Access Service (Cont'd)

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(1) <u>Description</u> (Cont'd)

The 800 Access Service Data Base Query Charge, and the (T) 800 Data Base Optional Service Features charge associated with various options ordered by the customer, as specified in Sections 6.1.3(D) preceding and 6.2.5(B)(3) following also apply.

(2) <u>Technical Specifications</u>

800 Access Service trunk groups are provided with either Type B or Type C Transmission Specifications as follows:

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

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 10, whether routed directly to an end office or to an access tandem.

Telephone Company switch and customer premises interfaces and design blocking criteria for Feature Group C apply to 800 Access Service.

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ISSUED: March 31, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: May 1, 1993

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

MISSOURI Public Service Commission

- 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
  - 6.2.5 Miscellaneous Switched Access Service (Cont'd)
    - (B) 800 Access Service (Cont'd)

In addition, when required by technical limitations, or at the request of the customer, a separate Feature Group B, C or D trunk group may be established for originating 800 Access Service type calls.

The customer may use Feature Groups A, B, C, or D to terminate an 800 Access Service call. When Feature Group C or D is used to terminate 800 Access Service, the customer is required to deliver 800 Access Service calls to the Telephone Company in standard POTS number North American Numbering Plan format.

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### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 <u>Provision and Description of Switched Access Service</u> Feature Groups (Cont'd)
    - 6.2.5 <u>Miscellaneous Switched Access Service</u> (Cont'd)
      - (B) Toll Free Code (TFC) Access Service (Cont'd)

        (3) TFC Data Base Optional Service Features
        - (3) TFC Data Base Optional Service Features
          In addition to the 1+TFC-NXX-XXXX call
          routing described in (1) preceding, at
          the customer's option, the Telephone
          Company will perform additional call
          routing service options as follows:
          - (a) TFC to Local Exchange Number

Translation (T)

This option allows a TFC Access
Service customer to specify standard
local exchange telephone numbers for
TFC call completion at the
terminating end. When a TFC call is
to be routed to a local exchange
telephone number, the TFC Access
Service customer must provide to its

- Service customer must provide to its
  Responsible Organization or to the
- TFC SMS, the full ten digit local exchange number (NPA-NXX-XXXX) to be
- asso-ciated with the TFC number and indicate to which carrier the local exchange telephone number is to be
- delivered. If the TFC to Local Exchange Number Translation optional
- feature is used, the customer will be unable to determine that such calls
- originated as 1+TFC-NXX-XXXX dialed calls unless the customer also orders the Flexible Automatic Number
- Identification (Flex ANI) optional feature.
- (b) Customized TFC Call Routing
  This option allows for routing to
  multiple carriers, except as
  specified in Section 6.2.5(B) (1), or
  variable terminating locations for
  TFC call completion based on the
  following criteria:

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#### ACCESS SERVICE

- Switched Access Service (Cont'd) б.
  - Provision and Description of Switched Access Service Feature 6.2 Groups (Cont'd)
    - MAR 31 1993 6.2.5 <u>Miscellaneous Switched Access Service</u> (Cont'd)
      - (B) 800 Access Service (Cont'd)

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(3) 800 Data Base Optional Service Features

In addition to the 1+800-NXX-XXXX call routing described in (1) preceding, at the customer's option, the Telephone Company will perform additional call routing service options as follows:

800 to Local Exchange Number Translation (a)

> This option allows an 800 Access Service customer to specify standard local exchange telephone numbers for 800 call completion at the terminating end. When an 800 call is to be routed to a local exchange telephone number, the 800 Access Service customer must provide to its Responsible Organization or to the 800 SMS, the full ten digit local exchange number (NPA-NXX-XXXX) to be associated with the 800 number and indicate to which carrier the local exchange telephone number is to be delivered. If the 800 to Local Exchange Number Translation optional feature is used, the customer will be unable to determine that such calls orginated as 1+800-NXX-XXXX dialed calls unless the customer also orders the Flexible Automatic Number Identification (Flex ANI) optional feature.

Customized 800 Call Routing (b)

> This option allows for routing to multiple carriers, except as specified in Section 6.2.5(B)(1), or variable terminating locations for 800 call completion based on the following criteria:

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### ACCESS SERVICE

6. Switched Access Service (Cont'd)

Provision and Description of Switched Access Service
Feature Groups (Cont'd)
6.2.5 Miscellaneous Switched Access Service (Cont'd)
(B) Toll Free Code (TFC) Access Service (Cont'd)
(3) TFC Data Base Optional Service Features (Cont'd)

(b) Customized TFC Call Routing (Cont'd)

time of daytime of week

- specific days of the year (e.g., December 25)

- percentage of traffic (in one (T) percent

increments)

- calling telephone number (unless technical limitations exist which do not provide for originating number identification)

With this option, TFC calls can be delivered to the carrier in either the direct dialed TFC number format or in the local exchange telephone number translated format. The customer enter the desired format and the The customer must necessary ten digit local exchange telephone number, if any, into the TFC SMS or provide such information to its

Responsible Organization for handling.
The rates for the TFC Data Base Optional
Service Features described above are applied on a per query basis as set forth in Section 6.8.4(B) following. When a combination of one or more of the optional features is requested, only one such charge shall apply.

(C) Interim 500 Access Service

(1) Description Interim 500 Access Service is an outgoing service providing the customer identification function (500 NXX screening) based on the first six digits of the dialed 500 number.

Originating Interim 500 Access Service is a trunk side switched service that is available to the customer via Interim 500 Access Service trunk groups, or can be provided to the customer in conjunction with FGC or FGD services. When combined with FGC or FGD, Interim 500 Access Service traffic can, at the option of the customer, be carried on the same group with non-500 Access traffic. When a 1+500+NXX+XXXX or 0+500+NXX+XXXX call is originated by an end user, the Telephone Company will perform the customer identification function based on the

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April 29, 1996

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#### ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

JAN 11 1995

- 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
  - 6.2.5 Miscellaneous Switched Access Service (Cont NO. PUBLIC SERVICE COMM.
    - (B) 800 Access Service (Cont'd)
      - (3) 800 Data Base Optional Service Features (Cont'd)
        - (b) <u>Customized 800 Call Routing</u> (Cont'd)
          - time of day
          - time of week
          - specific days of the year (e.g., December 25)
          - percentage of traffic (in one percent increments)
          - calling telephone number (unless technical limitations exist which do not provide for originating number identification)

With this option, 800 calls can be delivered to the carrier in either the direct dialed 800 number format or in the local exchange telephone number translated format. The customer must enter the desired format and the necessary ten digit local exchange telephone number, if any, into the 800 SMS or provide such information to its Responsible Organization for handling.

The rates for the 800 Data Base Optional Service Features described above are applied on a per query basis as ser forth in Section 6.8.4(B) following. When a comparison of one or more of the optional features is requested, only one such charge shall apply.

(C) Interim 500 Access Service

(1) Description

Interim 500 Access Service in all oserics Commission service providing the customer identification function (500 NXX screening) based on the first six digits of the dialed 500 number.

Originating Interim 500 Access Service is a trunk side switched service that is available to the customer via Interim 500 Access Service trunk groups, or can be provided to the customer in conjunction with FGC or FGD services. When combined with FGC or FGD, Interim 500 Access Service traffic can, at the option of the customer, be carried on the same group with non-500 Access traffic. When a 1+500+NXX+XXXX or 0+500+NXX+XXXX call is originated by an end user, the Telephone Company will perform the customer identification function based on the

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BY: John L. Roe

February 11, 1995

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#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - Provision and Description of Switched Access Service Feature 6.2 Groups (Cont'd)

MAR 31 1993

- 6.2.5 Miscellaneous Switched Access Service (Cont'd)
  - (B) 800 Access Service (Cont'd)

MO. PUBLIC SERVICE COMM.

- (3) 800 Data Base Optional Service Features
  - Customized 800 Call Routing (Cont'd) (b)
    - time of day
    - day of week
    - specific days of the year (e.g., December 25)
    - percentage of traffic (in one percent increments)
    - calling telephone number (unless technical limitations exist which do not provide for originating number identification)

With this option, 800 calls can be delivered to the carrier in either the direct dialed 800 number format or in the local exchange telephone number translated format. The customer must enter the desired format and the necessary ten digit local exchange telephone number, if any, into the 800 SMS or provide such information to its Responsible Organization for handling.

The rates for the 800 Data Base Optional Service Features described above are applied on a per query basis as set forth in Section 6.8.4(B) following. When a combination of one or more of the optional features is requested, only one such charge shall apply.

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ISSUED: March 31, 1993

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: May 1, 1993 SPRINT MISSOURI, INC. d/b/a SPRINT

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### **ACCESS SERVICE**

- 6. Switched Access Service (Cont'd)
- Provision and Description of Switched Access Service Feature Groups (Cont'd)
  - Miscellaneous Switched Access Service (Cont'd) 6.2.5
    - Interim 500 Access Service (Cont'd)
      - Description (Cont'd)

dialed digits to determine the customer to which the call is to be routed. If the call originates from an end office not equipped to provide the customer identification function, the call will be routed to an office where the function is available. Once customer identification has been established, the call will be routed to the customer.

The manner in which Interim 500 Access Service is provided depends on whether the end office/ tandem from which the call originates has equal access capability with the customer identification function. In equal access end offices/ tandems which have customer identification function capability, Interim 500 Access Service is provided in accordance with technical characteristics available with FGD, either direct to the end office or via an equal access tandem on existing trunk In end offices not equipped with equal access capabilities, Interim 500 Access Service will be provisioned in accordance with the technical characteristics available with FGC. At the customer's option, Interim 500 Access Service, 900 Access Service and 800 Access Service may be combined on the same trunk group. For a customer of FGC, Interim 500 Access Service can be provided through an existing trunk group or separate FGC trunk group which handles Interim 500 Access Service. At the customer's option, Interim 500 Access Service can be provided from both equal access and non-equal access end office switches over an FGD trunk group from the access tandem to the customer's premises if the customer can accept, on that trunk group, both exchange access and conventional signaling.

At the carrier's option all 500 attempts will be passed to the identified IC, who subsequently can screen the appropriate ANI II digits for call disposition. The ANI II digits are described in Technical Reference Publication FR-64. This option is available in technically capable equal access offices.

Jefferson City, MO 65101

Richard D. Lawson State Executive, External Affairs February 15, 2002 319 Madison

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#### ACCESS SERVICE

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- 6. Switched Access Service (Cont'd)
  - Provision and Description of Switched Access Servicen Reature 095 6.2 Groups (Cont'd)
    - 6.2.5 Miscellaneous Switched Access Service (Cont'd) Interim 500 Access Service (Cont'd) MO. PÚBLIC SERVICE COMM.

#### (1) Description (Cont'd)

dialed digits to determine the customer to which the call is to be routed. If the call originates from an end office not equipped to provide the customer identification function, the call will be routed to an office where the function is available. Once customer identification has been established, the call will be routed to the customer.

The manner in which Interim 500 Access Service is provided depends on whether the end office/tandem from which the call originates has equal access capability with the customer identification function. In equal access end offices/tandems which have customer identification function capability, Interim 500 Access Service is provided in accordance with technical characteristics available with FGD, either direct to the end office or via an equal access tandem on existing trunk groups. In end offices not equipped with equal access capabilities, Interim 500 Access Service will be provisioned in accordance with the technical characteristics available with FGC. At the customer's option, Interim 500 Access Service, 900 Access Service and 800 Access Service may be combined on the same trunk group. For a customer of FGC, Interim 500 Access Service can be provided through an existing trunk group or separate FGC trunk group which handles Interim 500 Access Service. At the customer's option, Interim 500 Access Service can be provided from both equal access and non-equal access end office switches over an FGD trunk group from the access tandem to the customer's premises if the customer can accept, on that trunk group, both exchange access and conventional signaling.

At the carrier's option all 500 attempts will be passed to the identified IC, who subsequently can screen the appropriate ANI II digits for call disposition. The ANI II digits are described in TR-TSY-00064 (LSSGR). This option is available in technically capable equal access offices.

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MISSECTIVE: ISSUED: Vice President - Carrier and Regulatory Services January 11, 1995 5454 West 110th Street Overland Park, Kansas 66211

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### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
    - 6.2.5 <u>Miscellaneous Switched Access Service</u> (Cont'd) (C) Interim 500 Access Service (Cont'd)
      - (1) Description (Cont'd)

Interim 500 Access Service originating from equal access end offices with the customer identification function will be provided using exchange access signaling with overlap out-pulsing and ten digit Interim 500 Access Service originating from equal access end offices/tandems without the customer identifica-tion function, from end offices not having equal access capability, or for calls routed through operator services, will be provided using con-ventional signaling. traffic using conven-tional signaling, other than FGC, the customer's facilities shall provide off hook supervision upon receipt of the transmitted digits.

Additionally, nonrecurring charges as specified in 6.1.3(F) preceding and 6.8.7 following also apply.

Pass-through charges apply to query information provided to the Telephone Company by connecting local exchange companies in order to perform the translations required to complete Interim 500 Access Service calls. The pass-through charges will be provided to the Telephone Company by the connecting local exchange company. Pass-through rates set forth in Section 6.8.7 following, and are applied on a per query basis.

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#### ACCESS SERVICE

6. Switched Access Service (Cont'd) JAN 11 1995

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

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6.2.5 <u>Miscellaneous Switched Access Service</u> (Cont'd)

(C) <u>Interim 500 Access Service</u> (Cont'd)

> Description (Cont'd) (1)

> > Interim 500 Access Service originating from equal access end offices with the customer identification function will be provided using exchange access signaling with overlap outpulsing and ten digit ANI. Interim 500 Access Service originating from equal access end offices/tandems without the customer identification function, from end offices not having equal access capability, or for calls routed through operator services, will be provided using conventional signaling. On traffic using conventional signaling, other than FGC, the customer's facilities shall provide off hook supervision upon receipt of the transmitted CANCELLED

> > Additionally, nonrecurring charges as specified in 6.1.3(F) preceding and 6.8.7 following also JUL 151995

(2) Technical Specifications

lot R.S #2021 provided with either Type B or Type of Service Commission Transmission Specifications as foliable Service Commission Transmission Specifications as follows: MISSOURI

When routed directly to the end office either Type B or Type C is provided.

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

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 9, whether routed directly to an end office or to an access tandem.

Telephone Company switch and customer premises interfaces apply to Interim 500 Access

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EFFECTIVE: February Sturi BY: John L. Roe Vice President - Carrier and Regulatory Services Public Service Commission

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## **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.2 <u>Provision and Description of Switched Access Service Feature Groups</u> (Cont'd)
    - 6.2.5 <u>Miscellaneous Switched Access Service</u> (Cont'd)
      - (C) Interim 500 Access Service (Cont'd)
        - (2) <u>Technical Specifications</u>

Interim 500 Access Service trunk groups are provided with either Type B or Type C Transmission Specifications as follows:

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

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2, 6 and 9, whether routed directly to an end office or to an access tandem.

Telephone Company switch and customer premises interfaces apply to Interim 500 Access Service.

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EFFECTIVE: February 7, 2002

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#### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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- 6.2 Provision and Description of Switched Access Service Feature
  Groups (Cont'd) MO.PUBLIC SERVICE COMM.
  - 6.2.5 <u>Miscellaneous Switched Access Service</u> (Cont'd)
    - (C) <u>Interim 500 Access Service</u> (Cont'd)
      - (2) <u>Technical Specifications</u>

Interim 500 Access Service trunk groups are provided with either Type B or Type C Transmission Specifications as follows:

(M)

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

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 9, whether routed directly to an end office or to an access tandem.

Telephone Company switch and customer premises interfaces apply to Interim 500 Access Service.

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ISSUED: June 5, 1995

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#### ACCESS SERVICE

Switched Access Service (Cont'd)

JAN 11 1995

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- 6.2 Provision and Description of Switched Access Service Feature

  Groups (Cont'd)

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  - 6.2.5 <u>Miscellaneous Switched Access Service</u> (Cont'd)
    - (D) 900 Access Service
      - (1) <u>Description</u>

Originating 900 Access Service is abortant side Commission switched service that is available of the course of the customer via 900 Access Service trunk groups, or can be provided to the customer in conjunction with FGB, FGC, or FGD services. When combined with FGB, FGC, or FGD, 900 Access Service traffic can, at the option of the customer, be carried on the same group with non-900 Access traffic. When a 1+900+NXX+XXXX call is originated by an end user, the Telephone Company will perform the customer identification function based on the dialed digits to determine the customer to which the call is to be routed. If the call originates from an end office not equipped to provide the customer identification function, the call will be routed to an office where the function is available. Once customer identification has been established, the call will be routed to the customer.

The manner in which 900 Access Service is provided depends on whether the end office from which the call originates has equal access capability and/or the customer identification function. In equal access end offices which have customer identification function capability, 900 Access Service is provided in accordance with technical characteristics available with FGD (however, ANI is required with 900 Access Service), either direct to the end office or via an equal access tandem on existing trunk groups. In end offices not equipped with equal access capabilities, 900 Access Service will be provisioned in accordance with the technical characteristics available with FGC. Customers other than customers of FGC, may only be served via an access tandem over 900 Access Service trunks when the end office lacks equal access capability or the customer identification function. At the customer's option, 900 Access Service and 800 Access Service may be combined on the same trunk group. For a customer of FGC, 900 Access Service can be provided through an existing trunk group or separate FGC trunk group handles 900 Access Service calls which are routed through operator services will be delivered at the equal access tandem over FGC or FGD. At the customer's option, 900 Abcess 1995 Service can be provided from both equal access

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EFFECTIVE:

5 BY: John L. Roe February VIII 1995

Vice President - Carrier and Regulatory Services DIC Service Commission

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

Provision and Description of Switched Access Service
Feature Groups (Cont'd)
6.2.5 Miscellaneous Switched Access Service
(D) 900 Access Service
(1) Description

Originating 900 Access Service is a trunk side switched service that is available to the cus-tomer via 900 Access Service trunk groups, or can be provided to the customer in conjunction with FGB, FGC, or FGD services. When combined with FGB, FGC, or FGD, 900 Access Service traffic can, at the option of the customer, be carried on the same group with non-900 Access When a 1+900+NXX+XXXX call is traffic. origi-nated by an end user, the Telephone Company will perform the customer identification function based on the dialed digits to determine the customer to which the call is to be routed. If the call originates from an end office not equipped to provide the customer identification function, the call will be routed to an office where the function is available. Once customer identification has been established, the call will be routed to the customer.

The manner in which 900 Access Service is provided depends on whether the end office from which the call originates has equal access capability and/or the customer identification function. equal access end offices which have customer identification function capabil-ity, 900 Access Service is provided in accor-dance with technical characteristics available with FGD (however, ANI is required with 900 Access Service), either direct to the end office or via an equal access tandem on existing trunk groups. In end offices not equipped with equal access capabilities, 900 Access Service will be provisioned in accordance with the technical characteristics available with FGC. Customers other than customers of FGC, may only be served via an access tandem over 900 Access Service trunks when the end office lacks equal access capability or the customer identification func-tion. At the customer's option, 900 Access Service and 800 Access Service may be combined on the same trunk group. For a customer of FGC, 900 Access Service can be provided through an existing trunk group or separate FGC trunk group handles 900 Access Service. 900 Access Service calls which are routed through operator services will be delivered at the equal access tandem over FGC

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#### ACCESS SERVICE

6. Switched Access Service (Cont'd) JAN 11 1995

- Provision and Description of Switched Access Service Feature Groups (Cont'd) MO. PUBLIC SERVICE GOMM.
  - 6.2.5 <u>Miscellaneous Switched Access Service</u> (Cont'd)
    - (D) 900 Access Service (Cont'd)
      - <u>Description (Cont'd)</u> (1)

JUL 151995 non-equal access end office switches over an Frammissio trunk group from the access tandem to the vice customer's premises if the customer access and conventional signaling. conventional signaling.

The Telephone Company will block calls to a 900 number dialed 1+ from coin telephones, 0+, 0-, 10XXX, third number service, detention centers, mental institutions, hotel/motel service and calling cards. The customer may request, via an ASR to the Telephone Company, unblocking of 0+ and 0- 900 calling on all classes of services except detention centers.

At the carrier's option all 900 attempts will be passed to the identified IC, who subsequently can screen the appropriate ANI II digits for call disposition. The ANI II digits are described in TR-TSY-00064 (LSSGR). This option is available in technically capable equal access offices.

900 Access Service originating from equal access end offices with the customer identification function will be provided using exchange access signaling with overlap outpulsing and ten digit ANI. 900 Access Service originating from equal access end offices without the customer identification function, from end offices not having equal access capability, or for calls routed through operator services, will be provided using conventional signaling. On traffic using conventional signaling, other than FGC, the customer's facilities shall provide off hook supervision upon receipt of the transmitted digits. Additionally, nonrecurring charges as specified in 6.1.3(E) preceding and 6.8.5 following also apply.

(2) Technical Specifications

Overland Park, Kansas 66211

900 Access Service trunk groups are provided with either Type B or Type C Transmiss 11 1995 Specifications as follows:

When routed directly to the end office URI either Type B or Type C is provided Commission

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# **ACCESS SERVICE**

- 6. Switched Access Service (Cont'd)
- 6.2 <u>Provision and Description of Switched Access Service Feature Groups</u> (Cont'd)
  - 6.2.5 <u>Miscellaneous Switched Access Service</u> (Cont'd)
    - (D) 900 Access Service (Cont'd)
      - (1) Description (Cont'd)

or FGD. At the customer's option, 900 Access Service can be provided from both equal access non-equal access end office switches over an FGD trunk group from the access tandem to the customer's premises if the customer can accept, on that trunk group, both exchange access and conventional signaling.

The Telephone Company will block calls to a 900 number dialed 1+ from pay telephones, 0+, O-, 101XXXX, third number service, detention centers, mental institutions, hotel/motel service and calling cards. The customer may request, via an ASR to the Telephone Company, unblocking of 0+ and 0- 900 calling on all classes of services except detention centers.

At the carrier's option all 900 attempts will be passed to the identified IC, who subsequently can screen the appropriate ANI II digits for call disposition. The ANI II digits are described in *Technical Reference Publication FR-64*. This option is available in technically capable equal access offices.

900 Access Service originating from equal access end offices with the customer identification function will be provided using exchange access signaling with overlap outpulsing and ten digit ANI. 900 Access Service originating from equal access end offices without the customer identification function, from end offices not having equal access capability, or for calls routed through operator services, will be provided using conventional signaling. On traffic using conventional signaling, other than FGC, the customer's facilities shall provide off hook supervision upon receipt of the transmitted digits. Additionally, nonrecurring charges as specified in 6.1.3(E) preceding and 6.8.5 following also apply.

(2) <u>Technical Specifications</u>

900 Access Service trunk groups are provided with either Type B or Type C Transmission Specifications as follows:

 When routed directly to the end office either Type B or Type C is provided.

Richard D. Lawson
State Executive, External Affairs
319 Madison
Jefferson City, MO 65101

ISSUED: January 15, 2002 EFFECTIVE: February 15, 2002

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#### ACCESS SERVICE

6. Switched Access Service (Cont'd)

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- 6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)
  - 6.2.5 Miscellaneous Switched Access Service (Cont'd)

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(D) 900 Access Service (Cont'd)

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(1) Description (Cont'd)

or FGD. At the customer's option, 900 Access Service can be provided from both equal access non-equal access end office switches over an FGD trunk group from the access tandem to the customer's premises if the customer can accept, on that trunk group, both exchange access and conventional signaling.

The Telephone Company will block calls to a 900 number dialed 1+ from pay telephones, 0+, 0-, 101XXXX, third number service, detention centers, mental institutions, hotel/motel service and calling cards. The customer may request, via an ASR to the Telephone Company, unblocking of 0+ and 0- 900 calling on all classes of services except detention centers.

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At the carrier's option all 900 attempts will be passed to the identified IC, who subsequently can screen the appropriate ANI II digits for call disposition. The ANI II digits are described in TR-TSY-00064 (LSSGR). This option is available in technically capable equal access offices.

900 Access Service originating from equal access end offices with the customer identification function will be provided using exchange access signaling with overlap outpulsing and ten digit ANI. 900 Access Service originating from equal access end offices without the customer identification function, from end offices not having equal access capability, or for calls routed through operator services, will be provided using conventional signaling. On traffic using conventional signaling, other than FGC, the customer's facilities shall provide off hook supervision upon receipt of the transmitted digits. Additionally, nonrecurring charges as specified in 6.1.3(E) preceding and 6.8.5 following also apply.

(2) <u>Technical Specifications</u>

900 Access Service trunk groups are provided with either Type B or Type C Transmission Specifications as follows:

 When routed directly to the end office either Type B or Type C is provided.

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ISSUED: July 2, 1998 BY: Richard Lawson
State Executive, External Affairs
319 Madison
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EFFECTIVE: August 3, 1998

#### ACCESS SERVICE

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- Switched Access Service (Cont'd)
  - 6.2 <u>Provision and Description of Switched Access Service Feature (N 1 5 1997 Groups</u> (Cont'd)
    - 6.2.5 Miscellaneous Switched Access Service (Cont'd) MISSOURI
      Ublic Sewice Commission
      - (D) 900 Access Service (Cont'd)
        - (1) Description (Cont'd)

or FGD. At the customer's option, 900 Access Service can be provided from both equal access non-equal access end office switches over an FGD trunk group from the access tandem to the customer's premises if the customer can accept, on that trunk group, both exchange access and conventional signaling.

The Telephone Company will block calls to a 900 number dialed 1+ from pay telephones, 0+, 0-, 10XXX or 101XXXX, third number service, detention centers, mental institutions, hotel/motel service and calling cards. The customer may request, via an ASR to the Telephone Company, unblocking of 0+ and 0- 900 calling on all classes of services except detention centers.

At the carrier's option all 900 attempts will be passed to the identified IC, who subsequently can screen the appropriate ANI II digits for call disposition. The ANI II digits are described in TR-TSY-00064 (LSSGR). This option is available in technically capable equal access offices.

900 Access Service originating from equal access end offices with the customer identification function will be provided using exchange access signaling with overlap outpulsing and ten digit ANI. 900 Access Service originating from equal access end offices without the customer identification function, from end offices not having equal access capability, or for calls routed through operator services, will be provided using conventional signaling. On traffic using conventional signaling, other than FGC, the customer's facilities shall provide off hook supervision upon receipt of the transmitted digits. Additionally, nonrecurring charges as specified in 6.1.3(E) preceding and 6.8.5 following also apply.

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(2) Technical Specifications

900 Access Service trunk groups are provided with either Type B or Type C Transmission Specifications as follows:

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When routed directly to the end office either Type B or Type C is provided. MO.PUBLICETHIECOMM

ISSUED: January 15, 1997

BY: John L. Roe

VP - Carrier and Regulatory Services
5454 West 110th Street

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6. <u>Switched Access Service</u> (Cont'd)

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- 6.2 Provision and Description of Switched Access Service F5a1995
  Groups (Cont'd)
  - 6.2.5 Miscellaneous Switched Access Service MB.PBBHCSERVICE COMM.
    - (D) 900 Access Service (Cont'd)
      - (1) Description (Cont'd)

or FGD. At the customer's option, 900 Access Service can be provided from both equal access non-equal access end office switches over an FGD trunk group from the access tandem to the customer's premises if the customer can accept, on that trunk group, both exchange access and conventional signaling.

The Telephone Company will block calls to a 900 number dialed 1+ from coin telephones, 0+, 0-, 10XXX or 101XXXX, third number service, detention centers, mental institutions, hotel/motel service and calling cards. The customer may request, via an ASR to the Telephone Company, unblocking of 0+ and 0- 900 calling on all classes of services except detention centers.

At the carrier's option all 900 attempts will be passed to the identified IC, who subsequently can screen the appropriate ANI II digits for call disposition. The ANI II digits are described in TR-TSY-00064 (LSSGR). This option is available in technically capable equal access offices.

900 Access Service originating from equal access end offices with the customer identification function will be provided using exchange access signaling with overlap outpulsing and ten digit NNI. 900 Access Service originating from equal access end offices without the customer identification function, from end offices not having equal access capability, or for calls routed through operator services, will be provided using conventional signaling. On traffic using conventional signaling, other than FGC, the customer's facilities shall provide off hook supervision upon receipt of the transmitted digits. Additionally, nonrecurring charges as specified in 6.1.3(E) preceding and 6.85

(2) <u>Technical Specifications</u>

900 Access Service trunk groups are provided 5 1995 with either Type B or Type C Transmission Specifications as follows:

When routed directly to the end Service Commission either Type B or Type C is provided.

ISSUED: June 5, 1995

BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

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#### ACCESS SERVICE

6. Switched Access Service (Cont'd)

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- 6.2 Provision and Description of Switched Access Service Feature

  Groups (Cont'd)

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  - 6.2.5 Miscellaneous Switched Access Service (Cont'd)
    - (D) 900 Access Service (Cont'd)
      - (2) Technical Specifications (Cont'd)
        - When routed to an access tandem only Type B is provided.
        - Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 9, whether routed directly to an end office or to an access tandem.

Telephone Company switch and customer premises interfaces and design blocking criteria for Feature Group C apply to 900 Access Service.

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### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.2 <u>Provision and Description of Switched Access Service Feature Groups</u> (Cont'd)
    - 6.2.5 <u>Miscellaneous Switched Access Service</u> (Cont'd)
      - (D) 900 Access Service (Cont'd)
        - (2) <u>Technical Specifications (Cont'd)</u>
          - When routed to an access tandem only Type B is provided.
          - Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2, 6 and 9, whether routed directly to an end office or to an access tandem.

Telephone Company switch and customer premises interfaces and design blocking criteria for Feature Group C apply to 900 Access Service.

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- 6. Switched Access Service (Cont'd)
  - Provision and Description of Switched Access Sangisepher Ennice COMM. Groups (Cont'd)
    - 6.2.5 Miscellaneous Switched Access Service (Cont'd)
      - (D) 900 Access Service (Cont'd)
        - Technical Specifications (Cont'd) (2)
          - When routed to an access tandem only Type B is provided.
          - Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 9, whether routed directly to an end office or to an access

Telephone Company switch and customer premises interfaces and design blocking criteria for Feature Group C apply to 900 Access Service.

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### ACCESS SERVICE

# 6. Switched Access Service (Cont'd)

6.3 <u>Local Switching Optional Features</u> (where equipment is available)

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided with the Feature Groups. They are provided as Local Transport Termination Options.

# (A) Call Denial on Line or Hunt Group \_

This option allows for the screening of terminating calls within the exchange, and for the completion only of calls to 411, 611, 911, TFC, 555-1212, and a Telephone Company specified set of NXXs within the Telephone Company local exchange calling area of the dial tone office in which the arrangement is provided. All other "toll" calls are routed to a reorder tone or recorded announcement. This feature is provided in all electronic end offices. It is available with Feature Group A.

### (B) Service Code Denial on Line or Hunt Group

This option allows for the screening of terminating calls within the exchange, and for disallowing completion of calls to 0-, 555 and N11 (e.g., 411, 611, and 911). This feature is provided where available in all Telephone Company electronic end offices. It is available with Feature Group A.

## (C) Hunt Group Arrangement

This option provides the ability to sequentially access one of two or more line side connections in the origi-nating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. It is available with Feature Group A.

ISSUED: Richard D. Lawson EFFECTIVE: May 3, 2000 State Executive, External Affairs June 2, 2000

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- Switched Access Service (Cont'd)
  - 6.3 Local Switching Optional Features (where equipment is Valuable)

    Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided with the Feature Groups. They are provided as Local Transport Termination Options.
    - (A) <u>Call Denial on Line or Hunt Group</u>

This option allows for the screening of terminating calls within the exchange, and for the completion only of calls to 411, 611, 911, TFC, 555-1212, and a Telephone Company specified set of NXXs within the Telephone Company local exchange calling area of the dial tone office in which the arrangement is provided. All other "toll" calls are routed to a reorder tone or recorded announcement. This feature is provided in all electronic end offices and, where available, in electromechanical end offices. It is available with Feature Group A.

(B) Service Code Denial on Line or Hunt Group

This option allows for the screening of terminating calls within the exchange, and for disallowing completion of calls to 0-, 555 and N11 (e.g., 411, 611, and 911). This feature is provided where available in all Telephone Company electronic end offices and electromechanical end offices. It is available with Feature Group A.

(C) Hunt Group Arrangement

This option provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. It is available with Feature Group A.

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EFFECTIVE: April 29, 1996

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March 27, 1996

Vice President - Carrier and Regulatory Services

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#### ACCESS SERVICE

# 6. <u>Switched Access Service</u> (Cont'd)

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6.3 <u>Local Switching Optional Features</u> (where equipment is available)

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Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided with the Feature Groups. They are provided as Local Switching Options.

(A) <u>Call Denial on Line or Hunt Group</u>

This option allows for the screening of terminating calls within the exchange, and for the completion only of calls to 411, 611, 911, 800, 555-1212, and a Telephone Company specified set of NXXs within the Telephone Company local exchange calling area of the dial tone office in which the arrangement is provided. All other "toll" calls are routed to a reorder tone or recorded announcement. This feature is provided in all electronic end offices and, where available, in electromechanical end offices. It is available with Feature Group A.

(B) Service Code Denial on Line or Hunt Group

This option allows for the screening of terminating calls within the exchange, and for disallowing completion of calls to 0-, 555 and N11 (e.g., 411, 611, and 911). This feature is provided where available in all Telephone Company electronic end offices and electromechanical end offices. It is available with Feature Group A.

(C) Hunt Group Arrangement

This option provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. It is available with Feature Group A.

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ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE: November 7, 1993

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ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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6.3 <u>Common Switching and Transport Termination Optional Features</u> (where equipment is available)

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided with the Feature Groups. They are provided as either Common Switching or Transport Termination Options.

- 6.3.1 <u>Common Switching Optional Feature</u> (where equipment is available)
- (A) Call Denial on Line or Hunt Group

This option allows for the screening of terminating calls within the exchange, and for the completion only of calls to 411, 611, 911, 800, 555-1212, and a Telephone Company specified set of NXXs within the Telephone Company local exchange calling area of the dial tone office in which the arrangement is provided. All other "toll" calls are routed to a reorder tone or recorded announcement. This feature is provided in all electronic end offices and, where available, in electromechanical end offices. It is available with Feature Group A.

(B) Service Code Denial on Line or Hunt Group

This option allows for the screening of terminating calls within the exchange, and for disallowing completion of calls to 0-, 555 and N11 (e.g., 411, 611, and 911). This feature is provided where available in all Telephone Company electronic end offices and electromechanical end offices. It is available with Feature Group A.

(C) Hunt Group Arrangement

This option provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. It is available with Feature Group A.

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Fig. (a)

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.3 Local Switching Optional Features (where equipment is available) (Cont'd)
    - (D) Uniform Call Distribution Arrangement

This option provides a type of multiline hunting arrangement which provides for an even distribution of calls among the available lines in a hunt group. Where available, this feature is provided in Telephone Company electronic end offices only. It is available with Feature Group A.

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(E) Nonhunting Number for Use with Hunt Group or Uniform Call Distribution Arrangement

This option provides an arrangement for an individual line within a multiline hunt or uniform call distribution group that provides access to that line within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is only provided in Telephone Company electronic end offices only. It is available with Feature Group A.

(F) Automatic Number Identification (ANI)

This option provides the automatic transmission of a seven or ten digit number and information digits to the customer's premises for calls originating in the exchange, to identify the calling station. The ANI feature is an end office software function which is associated on a call-by-call basis with (1) all individual transmission paths in a trunk group routed directly between an end office and a customer's premises or, where technically feasible, with (2) all individual transmission paths in a trunk group between an end office and an access tandem, and trunk group between an access tandem and a customer's premises.

ISSUED: EFFECTIVE:

Richard D. Lawson

November 3, 1993

State Executive, External Affairs

November 7, 1993

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6. Switched Access Service (Cont'd)

MISSOURI Public Service Commission

- 6.3 <u>Common Switching and Transport Termination Optional Features</u> (where equipment is available) (Cont'd)
  - 6.3.1 Common Switching Optional Features
    (where equipment is available (Cont'd)
  - (D) <u>Uniform Call Distribution Arrangement</u>

This option provides a type of multiline hunting arrangement which provides for an even distribution of calls among the available lines in a hunt group. Where available, this feature is provided in Telephone Company electronic end offices only. It is available with Feature Group A.

(E) Nonhunting Number for Use with Hunt Group or Uniform Call Distribution Arrangement

This option provides an arrangement for an individual line within a multiline hunt or uniform call distribution group that provides access to that line within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is only provided in Telephone Company electronic end offices only. It is available with Feature Group A.

(F) Automatic Number Identification (ANI)

This option provides the automatic transmission of a seven or ten digit number and information digits to the customer's premises for calls originating in the exchange, to identify the calling station. The ANI feature is an end office software function which is associated on a call-by-call basis with (1) all individual transmission paths in a trunk group routed directly between an end office and a customer's premises or, where technically feasible, with (2) all individual transmission paths in a trunk group between an end office and an access tandem, and trunk group between an access tandem and a customer's premises.

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ISSUED: September 17, 1992 BY: John L. Roe
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5454 West 110th Street
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EFFECTIVE:

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.3 Local Switching Optional Features (where equipment is available) (Cont'd)
    - (F) Automatic Number Identification (ANI) (Cont'd)
      The seven digit ANI telephone number is
      available with Feature Groups B and C. With
      these Feature Groups, technical limitations may
      exist in Telephone Company switching facilities
      which require ANI to be provided only on a
      directly trunked basis. ANI will be transmitted
      on all calls except those originating from
      multiparty lines, pay telephones using Feature
      Group B, or when an ANI failure has occurred.

The ten digit ANI telephone number is only available with Feature Group D. The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as multiparty line or ANI failure, in which case only the NPA will be transmitted (in addition to the information digit described below).

With Feature Group C, ANI is provided from end offices at which Telephone Company recording for end user billing is not provided, or where it is not required, as with TFC service. It is not provided from end offices for which the Telephone Company needs to forward ANI to its recording equipment.

Where ANI cannot be provided, e.g., on calls from 4 and 8 party services, information digits will be provided to the customer.

The information digits identify: (1) telephone number is the station billing number - no special treatment required, (2) multiparty line - telephone number is a 4- or 8-party line and cannot be identified - number must be obtained via an operator or in some other manner, (3) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - must be obtained by operator or in some other manner, (4) hotel/motel originated call which requires room number identification, (5)

ISSUED: Richard D. Lawson EFFECTIVE:

January 15, 1997 State Executive, External Affairs

April 15, 1997

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.3 Local Switching Optional Features (where equipment is available)
    (Cont'd)

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    - (F) Automatic Number Identification (ANI) Proble Gonvice Commission

The seven digit ANI telephone number is available with Feature Groups B and C. With these Feature Groups, technical limitations may exist in Telephone Company switching facilities which require ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except those originating from multiparty lines, coin stations and coinless pay telephones using Feature Group B, or when an ANI failure has occurred.

The ten digit ANI telephone number is only available with Feature Group D. The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as multiparty line or ANI failure, in which case only the NPA will be transmitted (in addition to the information digit described below).

With Feature Group C, ANI is provided from end offices at which Telephone Company recording for end user billing is not provided, or where it is not required, as with TFC service. It is not provided from end offices for which the Telephone Company needs to forward ANI to its recording equipment.

Where ANI cannot be provided, e.g., on calls from 4 and 8 party services, information digits will be provided to the customer.

The information digits identify: (1) telephone number is the station billing number - no special treatment required, (2) multiparty line - telephone number is a 4- or 8-party line and cannot be identified - number must be obtained via an operator or in some other manner, (3) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - must be obtained by operator or in some other manner, (4) hotel/motel originated call which requires room number identification, (5)

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6. Switched Access Service (Cont'd)

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6.3 <u>Local Switching Optional Features</u> (where equipment is available) (Cont'd)

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MO. PUBLIC SERVICE COMM.

(F) <u>Automatic Number Identification</u> (ANI) (Cont'd)

The seven digit ANI telephone number is available with Feature Groups B and C. With these Feature Groups, technical limitations may exist in Telephone Company switching facilities which require ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except those originating from multiparty lines, coin stations and coinless pay telephones using Feature Group B, or when an ANI failure has occurred.

The ten digit ANI telephone number is only available with Feature Group D. The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as multiparty line or ANI failure, in which case only the NPA will be transmitted (in addition to the information digit described below).

With Feature Group C, ANI is provided from end offices at which Telephone Company recording for end user billing is not provided, or where it is not required, as with 800 service. It is not provided from end offices for which the Telephone Company needs to forward ANI to its recording equipment.

Where ANI cannot be provided, e.g., on calls from 4 and 8 party services, information digits will be provided to the customer.

The information digits identify: (1) telephone number is the station billing number - no special treatment required, (2) multiparty line - telephone number is a 4- or 8-party line and cannot be identified - number must be obtained via an operator or in some other manner, (3) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - must be obtained by operator or in some other manner, (4) hotel/motel originated call which requires room number identification, (5)

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ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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6.3 Common Switching and Transport Termination Optional Features (where equipment is available) (Cont'd)

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6.3.1 Common Switching Optional Features (where equipment is available (Cont'd)

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(F) Automatic Number Identification (ANI) (Cont'd)

BY 10+ R.S. 205 The seven digit ANI telephone number is avail phisic Bervice Commission Feature Groups B and C. With these Feature Groups, MISSOUR! technical limitations may exist in Telephone Company switching facilities which require ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except those originating from multiparty lines, coin stations and coinless pay telephones using Feature Group B, or when an ANI failure has occurred.

The ten digit ANI telephone number is only available with Feature Group D. The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as multiparty line or ANI failure, in which case only the NPA will be transmitted (in addition to the information digit described below).

With Feature Group C, ANI is provided from end offices at which Telephone Company recording for end user billing is not provided, or where it is not required, as with 800 service. It is not provided from end offices for which the Telephone Company needs to forward ANI to its recording equipment.

Where ANI cannot be provided, e.g., on calls from 4 and 8 party services, information digits will be provided to the customer.

The information digits identify: (1) telephone number is the station billing number - no special treatment required. (2) multiparty line - telephone number is a 4- or 8-party line and cannot be identified - number must be obtained via an operator or in some other manner, (3) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - must be obtained by operator or in some other manner, (4) 100V 7 1992 hotel/motel originated call which requires room number identification, (5) MO. PUTHO S. ILVIOR COLLA.

ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

**EFFECTIVE:** NOV 7 1992 UNITED TELEPHONE COMPANY
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## ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.3.1 Local Switching Optional Features (where equipment is available) (Cont'd)
    - (F) Automatic Number Identification (ANI) (Cont'd)

pay telephone, hospital, inmate, etc. call which requires special screening or handling by the customer and (6) call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment. The ANI telephone number is the listed telephone number of the customer and is not the telephone number of the calling party. These ANI information digits are available with Feature Groups B, C, and D.

(G)  $\underline{\text{Up to 7 Digit Outpulsing of Access Digits to}}$  Customer

This option provides for the end office capability of providing up to 7 digits of the uniform access code (950-0XXX or 950-1XXX) to the customer's premises. The customer can request that only some of the digits in the access code be forwarded. The access code digits would be provided to the customer's premises using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that feature were provided. It is available with Feature Group B.

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### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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Local Switching Optional Features (where equipment is available)
(Cont'd)

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(F) <u>Automatic Number Identification (ANI)</u> (Cont'd)

coinless station, hospital, inmate, etc. call which requires special screening or handling by the customer and (6) call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment. The ANI telephone number is the listed telephone number of the customer and is not the telephone number of the calling party. These ANI information digits are available with Feature Groups B, C, and D.

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This option provides for the end office capability of providing up to 7 digits of the uniform access code (950-0XXX or 950-1XXX) to the customer's premises. The customer can request that only some of the digits in the access code be forwarded. The access code digits would be provided to the customer's premises using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that feature were provided. It is available with Feature Group B.

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ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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- 6.3 Common Switching and Transport Termination Optional Features (where equipment is available) (Cont'd)
  - 6.3.1 <u>Common Switching Optional Features</u>
    (where equipment is available) (Cont'd)
  - (F) <u>Automatic Number Identification (ANI)</u> (Cont'd)

coinless station, hospital, inmate, etc. call which requires special screening or handling by the customer and (6) call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment. The ANI telephone number is the listed telephone number of the customer and is not the telephone number of the calling party. These ANI information digits are available with Feature Groups B, C, and D.

(G) Up to 7 Digit Outpulsing of Access Digits to Customer

This option provides for the end office capability of providing up to 7 digits of the uniform access code (950-0XXX or 950-1XXX) to the customer's premises. The customer can request that only some of the digits in the access code be forwarded. The access code digits would be provided to the customer's premises using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that feature were provided. It is available with Feature Group B.

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.3.1 Local Switching Optional Features (where equipment is available) (Cont'd)
    - (H) Cut-Through

This option allows end users of the customer to reach the customer's premises by using the end of dialing digit (#). This option provides for connection of the call to the premises of the customer indicated by the 101XXXX code upon receipt of the end of dialing digit (#). The Telephone Company will not record any other dialed digits for these calls. This option is available with Feature Group D.

(CT)

(I) Revertive Pulse Address Signaling

This option provides for a dc pulsing arrangement that transmits intelligence in the following manner:

- (1) The equipment at the originating location presets itself to represent the number of pulses required and to count the pulses received from the terminating location.
- (2) The equipment at the terminating location transmits a series of pulses by the momentary grounding of its battery supply until the originating location breaks the dc path to indicate that the required number of pulses has been counted.

This option is available with Feature Group C.

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## ACCESS SERVICE

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.3.1 <u>Local Switching Optional Features</u>
    (where equipment is available) (Cont'd)

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(H) <u>Cut-Through</u>

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This option allows end users of the customer to reach the customer's premises by using the end of dialing digit (#). This option provides for connection of the call to the premises of the customer indicated by the 10XXX or 101XXXX code upon receipt of the end of dialing digit (#). The Telephone Company will not record any other dialed digits for these calls. This option is available with Feature Group D.

(C)

(I) Revertive Pulse Address Signaling

This option provides for a dc pulsing arrangement that transmits intelligence in the following manner:

- (1) The equipment at the originating location presets itself to represent the number of pulses required and to count the pulses received from the terminating location.
- (2) The equipment at the terminating location transmits a series of pulses by the momentary grounding of its battery supply until the originating location breaks the dc path to indicate that the required number of pulses has been counted.

This option is available with Feature Group C.

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ISSUED: June 5, 1995 EFFECTIVE:

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### ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.3 Local Switching Optional Features (where equipment is available)
    (Cont'd)

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## (H) <u>Cut-Through</u>

This option allows end users of the customer to reach the customer's premises by using the end of dialing digit (#). This option provides for connection of the call to the premises of the customer indicated by the 10XXX code upon receipt of the end of dialing digit (#). The Telephone Company will not record any other dialed digits for these calls. This option is available with Feature Group D.

## (I) Revertive Pulse Address Signaling

This option provides for a dc pulsing arrangement that transmits intelligence in the following manner:

- (1) The equipment at the originating location presets itself to represent the number of pulses required and to count the pulses received from the terminating location.
- (2) The equipment at the terminating location transmits a series of pulses by the momentary grounding of its battery supply until the originating location breaks the dc path to indicate that the required number of pulses has been counted.

This option is available with Feature Group C.

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ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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## ACCESS SERVICE

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- 6. Switched Access Service (Cont'd)
  - MISSOURI Common Switching and Transport Termination Official Creature Ommission
  - 6.3.1 Common Switching Optional Features (where equipment is available) (Cont'd)

(where equipment is available) (Cont'd)

(H) Cut-Through

> This option allows end users of the customer to reach the customer's premises by using the end of dialing digit (#). This option provides for connection of the call to the premises of the customer indicated by the 10XXX code upon receipt of the end of disling digit (f). The Telephone Company will not record any other dialed digits for these calls. This option is available with Feature Group D.

(I) Revertive Pulse Address Signaling

> This option provides for a dc pulsing arrangement that transmits intelligence in the following manner:

- (1) The equipment at the originating location presets itself to represent the number of pulses required and to count the pulses received from the terminating location.
- The equipment at the terminating location transmits a (2) series of pulses by the momentary grounding of its battery supply until the originating location breaks the dc path to indicate that the required number of pulses has been counted.

This option is available with Feature Group C.

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## ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.3.1 Local Switching Optional Features (where equipment is available) (Cont'd)
    - Delay Dial Start-Pulsing Signaling
      This option provides a method of indicating to the near end trunk circuit readiness to accept address signaling information by the far end trunk circuit. Delay dial is often referred to as an off-hook, on-hook signaling sequence. The delay dial signal is the off-hook interval and the start-pulsing signal is the on-hook interval. With integrity check, the calling office will not outpulse until a delay dial (off-hook) signal followed by a start-pulsing (on-hook) signal has been identified at the calling office. This option is available with Feature Group C.
    - (K) Immediate Dial Pulse Address Signaling
      This option provides for the forwarding of dial pulses from the Telephone Company end office to the customer without the need of a start-pulsing signal from the customer. It is available with Feature Group C.
    - (L) <u>Dial Pulse Address Signaling</u>
      This trunk size option provides for the transmission of number information, e.g., called number, between the end office switching system and the customer's premises (in either direction) by means of direct current pulses. It is available with Feature Group C.
    - (M) Panel Call Indicator Address Signaling
      This option provides a dc pulsing arrangement in which each digit is transmitted as a series of four marginal and polarized impulses. It is available with Feature Group C.

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November 3, 1993 November 7, 1993 State Executive, External Affairs

ACCESS SERVICE

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6. Switched Access Service (Cont'd) MISSOURI

- Common Switching and Transport Termination Optional Features 6.3 (where equipment is available) (Cont'd)
  - 6.3.1 Common Switching Optional Features (where equipment is available) (Cont'd)

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**(J)** Delay Dial Start-Pulsing Signaling

This option provides a method of indicating to the hearmissours information by the far end trunk circuit. Delay dial is often referred to as an off-hook, on-hook signaling sequence. The delay dial signal is the off-hook interval and the start-pulsing signal is the on-hook interval. With integrity check, the calling office will not outpulse until a delay dial (off-hook) signal followed by a start-pulsing (on-hook) signal has been identified at the calling office. This option is available with Feature Group C.

(K) Immediate Dial Pulse Address Signaling

> This option provides for the forwarding of dial pulses from the Telephone Company end office to the customer without the need of a start-pulsing signal from the customer. It is available with Feature Group C.

(L) Dial Pulse Address Signaling

> This trunk size option provides for the transmission of number information, e.g., called number, between the end office switching system and the customer's premises (in either direction) by means of direct current pulses. It is available with Feature Group C.

(M) Panel Call Indicator Address Signaling

> This option provides a dc pulsing arrangement in which each digit is transmitted as a series of four marginal and polarized impulses. It is available with Feature Group C.

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BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.3 <u>Local Switching Optional Features</u> (where equipment is available) (Cont'd)
    - (N) Service Class Routing
      This option provides the capability of directing originating traffic from an end office to a trunk group to a customer designated premises, based on the line class of service (e.g., pay telephone, multiparty or hotel/motel), service prefix indicator (e.g., 0-, 0+, 01+ or 011+) or service access code (e.g., TFC or 900). It is provided in suitably equipped end office or access tandem switches and is available with Feature Groups C and D.

## (0) Alternate Traffic Routing

## (1) Multiple Customer Premises Alternate Routing

This option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a customer designated premises until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to a second customer designated premises. The customer shall specify the last trunk CCS desired for the high usage group. It is provided in suitably equipped end office or access tandem switches and is available with Feature Groups B, C and D.

# (2) End Office Alternative Routing When Ordered in Trunks

This option provides an alternate routing arrangement for customers who order in trunks and have access for a particular Feature Group to an end office via two routes: one route via an

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## ACCESS SERVICE

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- 6. Switched Access Service (Cont'd)
  - Local Switching Optional Features (where equipment is as Quiple) 6.3
    - (N) Service Class Routing

This option provides the capability of directing originating traffic from an end office to a trunk group to a customer designated premises, based on the line class of service (e.g., coin, multiparty or hotel/motel), service prefix indicator (e.g., 0-, 0+, 01+ or 011+) or service access code (e.g., TFC or 900). It is provided in suitably equipped end office or access tandem switches and is available with Feature Groups C and D.

(0) Alternate Traffic Routing

> Multiple Customer Premises Alternate Routing (1)

> > This option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a customer designated premises until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to a second customer designated premises. The customer shall specify the last trunk CCS desired for the high usage group. It is provided in suitably equipped end office or access tandem switches and is available with Feature Groups B, C and D.

(2) End Office Alternative Routing When Ordered in Trunks

This option provides an alternate routing arrangement for customers who order in trunks and have access for a particular Feature Group to an end office via two routes: one route via an

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EFFECTIVE: April 29, 1996

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BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

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б. Switched Access Service (Cont'd)

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Local Switching Optional Features (where equipment is available) (Cont'd)

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#### (N) Service Class Routing

This option provides the capability of directing originating traffic from an end office to a trunk group to a customer designated premises, based on the line class of service (e.g., coin, multiparty or hotel/motel), service prefix indicator (e.g., 0-, 0+, 01+ or 011+) or service access code (e.g., 800 or 900). It is provided in suitably equipped end office or access tandem switches and is available with Feature Groups C and D.

#### (0) Alternate Traffic Routing

## Multiple Customer Premises Alternate Routing

This option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a customer designated premises until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to a second customer designated premises. The customer shall specify the last trunk CCS desired for the high usage group. It is provided in suitably equipped end office or access tandem switches and is available with Feature Groups B, C and D.

#### (2) End Office Alternative Routing When Ordered in Trunks

This option provides an alternate routing arrangement for customers who order in trunks and have access for a particular Feature Group to an end office via two routes: one route via an

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ISSUED: November 3, 1993

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.3 Common Switching and Transport Termination Optional Feature (CFILEDSION (where equipment is available) (Cont'd)
    - 6.3.1 <u>Common Switching Optional Features</u>
      (where equipment is available) (Cont'd)

(N) Service Class Routing

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This option provides the capability of directing originating traffic from an end office to a trunk group to a customer designated premises, based on the line class of service (e.g., coin, multiparty or hotel/motel), service prefix indicator (e.g., 0-, 0+, 01+ or 011+) or service access code (e.g., 800 or 900). It is provided in suitably equipped end office or access tandem switches and is available with Feature Groups C and D.

- (0) Alternate Traffic Routing
  - (1) Multiple Customer Premises Alternate Routing

This option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a customer designated premises until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to a second customer designated premises. The customer shall specify the last trunk CCS desired for the high usage group. It is provided in suitably equipped end office or access tandem switches and is available with Feature Groups B, C and D.

(2) End Office Alternative Routing When Ordered in Trunks

This option provides an alternate routing arrangement for customers who order in trunks and have access for a particular Feature Group to an end office via two routes: one route via an

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 NOV 7 1992

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## ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - Local Switching Optional Features (where equipment is available) (Cont'd)
    - Alternate Traffic Routing (Cont'd) (O)
      - (2) End Office Alternative Routing When Ordered in Trunks (Cont'd) access tandem and one direct route. feature allows the customer's originating traffic from the end office to be offered first to the direct trunk group and then overflow to the access tandem group. provided in suitably equipped end offices and is available with Feature Groups B and
    - (P) Trunk Access Limitation This option provides for the routing of originating 900 service calls to a specified number of transmission paths in a trunk group, in order to limit (choke) the comple-tion of such traffic to the customer. Calls to the designated service which could not be completed over the subset of transmission paths in the trunk group, i.e., the choked calls, would be routed to reorder tone.

It is provided in all Telephone Company electronic end offices. It is available with Feature Groups C and D.

(Q) Call Gapping Arrangement This option, provided in suitably equipped end office switches, provides for the routing of originating calls to 900 service to be switched in the end office to all transmission paths in a trunk group at a prescribed rate of flow, e.g., one call every five seconds, in order to limit (choke) the completion of such traffic to the customer. Calls to the designated service which are denied access by

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Richard D. Lawson May 3, 2000 State Executive, External Affairs June 2, 2000

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ACCESS SERVICE

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6. Switched Access Service (Cont'd)

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Local Switching Optional Features (where equipment is available)

(Cont'd)

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(0) Alternate Traffic Routing (Cont'd)

> End Office Alternative Routing When Ordered in Trunks (2) (Cont'd)

access tandem and one direct route. The feature allows the customer's originating traffic from the end office to be offered first to the direct trunk group and then overflow to the access tandem group. It is provided in suitably equipped end offices and is available with Feature Groups B and D.

(P) Trunk Access Limitation

> This option provides for the routing of originating 900 service calls to a specified number of transmission paths in a trunk group, in order to limit (choke) the completion of such traffic to the customer. Calls to the designated service which could not be completed over the subset of transmission paths in the trunk group, i.e., the choked calls, would be routed to reorder tone.

> It is provided in all Telephone Company electronic end offices and where available in electromechanical end offices. It is available with Feature Groups C and D.

(Q) Call Gapping Arrangement

> This option, provided in suitably equipped end office switches, provides for the routing of originating calls to 900 service to be switched in the end office to all transmission paths in a trunk group at a prescribed rate of flow, e.g., one call every five seconds, in order to limit (choke) the completion of such traffic to the customer. Calls to the designated service which are denied access by

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6. Switched Access Service (Cont'd) MISSOURI

Common Switching and Transport Termination Optional Features Commission 6.3 (where equipment is available) (Cont'd)

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6.3.1 Common Switching Optional Features (where equipment is available) (Cont'd)

(0) Alternate Traffic Routing (Cont'd)

> (2) End Office Alternative Routing When (Cont'd)

> > access tandem and one direct route. The feature allows the customer's originating traffic from the end office to be offered first to the direct trunk group and then overflow to the access tandem group. It is provided in suitably equipped end offices and is available with Feature Groups B and D.

(P) Trunk Access Limitation

> This option provides for the routing of originating 900 service calls to a specified number of transmission paths in a trunk group, in order to limit (choke) the completion of such traffic to the customer. Calls to the designated service which could not be completed over the subset of transmission paths in the trunk group, i.e., the choked calls, would be routed to reorder tone.

It is provided in all Telephone Company electronic end offices and where available in electromechanical end offices. It is available with Feature Groups C and D.

(Q) Call Gapping Arrangement

> This option, provided in suitably equipped end office switches, provides for the routing of originating calls to 900 service to be switched in the end office to all transmission paths in a trunk group at a prescribed rate of flow, e.g., one call every five seconds, in order to limit (choke) the completion of such traffic to the customer. Calls to the designated service which are denied access by

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.3 <u>Local Switching Optional Features</u> (where equipment is available) (Cont'd)
    - (Q) Call Gapping Arrangement (Cont'd)
      this feature, i.e., the choked calls, would be routed to a no-circuit announcement. It is provided in selected Feature Group D equipped end offices and is available only with Feature Group D.
    - (R) Feature Group D With 950 Access This option may be ordered to route calls from a designated 950-XXXX access code to Feature Group D access service. The Telephone Company will direct designated 950-XXXX calls dialed by the customer's end users to the customer's FGD access service, using FGD signaling protocols and technical specifications. The customer must be prepared to differentiate between standard FGD calls and 950-dialed calls delivered over the same trunks. FGD with 950 Access will be provided from equal access conforming Telephone Company end offices and tandems, where technically feasible. Calls delivered to the customer's FGD access service when the customer's end user dials a 950-XXXX access code will be rated as FGD.

When a customer has FGD access service and does not have FGB access service from a particular end office, this option may be ordered to activate a customer's designated 950-XXXX access code in that end office. When a customer has both FGB and FGD access services and orders this option in a particular end office, the Telephone Company will direct designated 950-XXXX calls dialed by the customer's end users to the customer's FGD access service in that end office. The customer is prohibited from having 950-XXXX access to originating FGD and originating FGB in the same end office or tandem utilizing the same 950-XXXX access code.

In Telephone Company end offices and tandems that do not support four digit carrier identification codes (CIC) for FGD, the 950-XXXX access code is only available to customers using a three digit CIC in the form 950-OXXX or 950-1XXX. In Telephone Company end offices and tandems that do support four digit CIC for FGD, the 950-XXXX access code is available to customers using either a three digit or four digit CIC in the forms 950-OXXX, 950-1XXX, and 950-XXXX. In any event, the CIC specified by the customer, either 3 digit or 4 digit, must be a valid CIC assigned for use by that customer. This option is available only with Feature Group D.

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State Executive, External Affairs

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## ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.3 <u>Local Switching Optional Features</u> (where equipment is available) (Cont'd)

(T) (D)

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(Q) <u>Call Gapping Arrangement</u> (Cont'd)

this feature, i.e., the choked calls, would be routed to a no-circuit announcement. It is provided in selected Feature Group D equipped end offices and is available only with Feature Group D.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

- MISSOURI Public Service Commission
- 6.3 <u>Common Switching and Transport Termination Optional Features</u>
  (where equipment is available) (Cont'd)
  - 6.3.1 <u>Common Switching Optional Features</u>
    (where equipment is available) (Cont'd)
  - (Q) <u>Call Gapping Arrangement</u> (Cont'd)

this feature, i.e., the choked calls, would be routed to a no-circuit announcement. It is provided in selected Feature Group D equipped end offices and is available only with Feature Group D.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

- 6. Switched Access Service (Cont'd)
  - Local Switching Optional Features (where equipment is available) (Cont'd)
    - (S) Band Advance Arrangement for Use with WATS Access Line Service

This option, which is provided in association with two or more WATS Access Line Service groups, provides for the automatic overflow of terminating calls to a WATS Access Line Service group, when that group has exceeded its call capacity, to another WATS Access Line Service group with a band designation equal to or greater than that of the overflowing WATS Access Line Service group. This arrangement does not provide for call overflow from a group with a higher band designation to one with a lower one. This option is available with Feature Groups C and D.

(T) End Office End User Line Screening Options for Use with WATS Access Line Service

> This option provides the ability to verify that an end user has dialed a called party address (by screening the called NPA and/or NXX on the basis of geographical bands selected by the Telephone Company) which is in accordance with that end user's service agreement with the customer. This option is provided in all Telephone Company electronic end offices. available with Feature Groups C and D.

(U) Hunt Group Arrangement for Use with WATS Access Service

> This option provides the ability to sequentially access one of two or more WATS Access Line Services (e.g., TFC Service access lines) in the terminating direction, when the hunting number of the WATS Access Line Service group is forwarded from the customer to the Telephone This figure is provided in all Company. Telephone Company end offices in which WATS Access Line Service is provided. available with Feature Groups C and D.

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Richard D. Lawson State Executive, External Affairs June 2, 2000

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## ACCESS SERVICE

Switched Access Service (Cont'd)

MAR 27 1995

- 6.3 Local Switching Optional Features (where equipment is available)
  (Cont'd) Public Service Commission
  - (S) Band Advance Arrangement for Use with WATS Access Line Service

This option, which is provided in association with two or more WATS Access Line Service groups, provides for the automatic overflow of terminating calls to a WATS Access Line Service group, when that group has exceeded its call capacity, to another WATS Access Line Service group with a band designation equal to or greater than that of the overflowing WATS Access Line Service group. This arrangement does not provide for call overflow from a group with a higher band designation to one with a lower one. This option is available with Feature Groups C and D.

(T) End Office End User Line Screening Options for Use with WATS Access Line Service

This option provides the ability to verify that an end user has dialed a called party address (by screening the called NPA and/or NXX on the basis of geographical bands selected by the Telephone Company) which is in accordance with that end user's service agreement with the customer, e.g., WATS. This option is provided in all Telephone e.g., WATS. This option is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices in which WATS Access Line Service is provided. It is available with Feature Groups C and D.

(U) Hunt Group Arrangement for Use with WATS Access Line Service

This option provides the ability to sequentially access one of two or more WATS Access Line Services (e.g., TFC Service access lines) in the terminating direction, when the hunting number of the WATS Access Line Service group is forwarded from the customer to the Telephone Company. This figure is provided in all Telephone Company end offices in which WATS Access Line Service is provided. It is available with Feature Groups C and D.

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EFFECTIVE: April 29, 1996

ISSUED: March 27, 1996

996 BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

ACCESS SERVICE

First Revised Page 212 Cancels Original Page 212

- 6. Switched Access Service (Cont'd)
  - 6.3 Local Switching Optional Features (where equipment is available)
    (Cont'd)

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MO. PUBLIC SERVICE COMM.

(S) Band Advance Arrangement for Use with WATS Access Line Service

This option, which is provided in association with two or more WATS Access Line Service groups, provides for the automatic overflow of terminating calls to a WATS Access Line Service group, when that group has exceeded its call capacity, to another WATS Access Line Service group with a band designation equal to or greater than that of the overflowing WATS Access Line Service group. This arrangement does not provide for call overflow from a group with a higher band designation to one with a lower one. This option is available with Feature Groups C and D.

(T) End Office End User Line Screening Options for Use with WATS
Access Line Service

This option provides the ability to verify that an end user has dialed a called party address (by screening the called NPA and/or NXX on the basis of geographical bands selected by the Telephone Company) which is in accordance with that end user's service agreement with the customer, e.g., WATS. This option is provided in all Telephone e.g., WATS. This option is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices in which WATS Access Line Service is provided. It is available with Feature Groups C and D.

(U) Hunt Group Arrangement for Use with WATS Access Line Service

This option provides the ability to sequentially access one of two or more WATS Access Line Services (e.g., 800 Service access lines) in the terminating direction, when the hunting number of the WATS Access Line Service group is forwarded from the customer to the Telephone Company. This figure is provided in all Telephone Company end offices in which WATS Access Line Service is provided. It is available with Feature Groups C and D.

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6. Switched Access Service (Cont'd)

- 6.3 Common Switching and Transport Termination Optional Features (where equipment is available) (Cont'd)
  - 6.3.1 Common Switching Optional Features (where equipment is available) (Cont'd)
  - (S) Band Advance Arrangement for Use with WATS Access Line Service

This option, which is provided in association with two or more WATS Access Line Service groups, provides for the automatic overflow of terminating calls to a WATS Access Line Service group, when that group has exceeded its call capacity, to another WATS Access Line Service group with a band designation equal to or greater than that of the overflowing WATS Access Line Service group. This arrangement does not provide for call overflow from a group with a higher band designation to one with a lower one. This option is available with Feature Groups C and D.

(T) End Office End User Line Screening Options for Use with WATS Access Line Service

This option provides the ability to verify that an end user has dialed a called party address (by screening the called NPA and/or NXX on the basis of geographical bands selected by the Telephone Company) which is in accordance with that end user's service agreement with the customer, e.g., WATS. This option is provided in all Telephone e.g., WATS. This option is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices in which WATS Access Line Service is provided. It is available with Feature Groups C and D.

(U) Hunt Group Arrangement for Use with WATS Access Line Service

This option provides the ability to sequentially access one of two or more WATS Access Line Services (e.g., 800 Service access lines) in the terminating direction, when the hunting number of the WATS Access Line Service group is forwarded from the customer to the Telephone Company. This figure is provided in all Telephone Company end offices in which WATS Access Line Service is provided. It is available with Feature Groups C and D.

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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SPRINT MISSOURI, INC. d/b/a SPRINT

Fourth Revised Page 213 Cancels Third Revised Page 213

## **ACCESS SERVICE**

- 6. Switched Access Service (Cont'd)
  - 6.3 Local Switching Optional Features (where equipment is available) (Cont'd)
    - (V) Uniform Call Distribution Arrangement for Use with WATS Access Line Service

This option provides a type of multiline hunting arrangement which provides for an even distribution of terminating calls among the available WATS Access Line Services in the hunt group. Where available, this feature is only provided in Telephone Company designated WATS Serving Offices. It is available with Feature Groups C and

(W) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service

> This option provides an arrangement for an individual WATS Access Line Service within a multiline hunt or uniform call distribution group that provides access to that WATS Access Line Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is only provided in Telephone Company electronic end offices in which WATS Access Line Service is provided. It is available with Feature Groups C and D.

(X) Rotary Dial Station Signaling

> This option provides for the transmission of called party address signaling from rotary dial stations to the customer's premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with Feature Group B, only on a directly trunked basis.

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(M) Text relocated to Page 214. ISSUED: November 29, 2000

Richard D. Lawson State Executive, External Affairs December 29, 2000 319 Madison Jefferson City, MO 65101

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## ACCESS SERVICE

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.3 <u>Local Switching Optional Features</u> (where equipment is available) (Cont'd)

MISSOUR: Public Service Commission

(V) <u>Uniform Call Distribution Arrangement for Use with WATS</u>
Access Line Service

This option provides a type of multiline hunting arrangement which provides for an even distribution of terminating calls among the available WATS Access Line Services in the hunt group. Where available, this feature is only provided in Telephone Company designated WATS Serving Offices. It is available with Feature Groups C and D.

(W) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service

This option provides an arrangement for an individual WATS Access Line Service within a multiline hunt or uniform call distribution group that provides access to that WATS Access Line Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is only provided in Telephone Company electronic end offices in which WATS Access Line Service is provided. It is available with Feature Groups C and D.

(X) Rotary Dial Station Signaling

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This option provides for the transmission of called party address signaling from rotary dial stations to the customer's premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with Feature Group B, only on a directly trunked basis.

## Operator Trunk - Pay Telephone

This option may be ordered to provide pay telephone (T) operation. It is available only with Feature Group C and is provided in electronic end offices and other Telephone Company end offices where equipment is available. The provided as a trunk type of Local Switching option.

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6. <u>Switched Access Service</u> (Cont'd)

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6.3 <u>Local Switching Optional Features</u> (where equipment is available) (Cont'd)

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(V) <u>Uniform Call Distribution Arrangement for Use with WATS Access</u> Line Service

This option provides a type of multiline hunting arrangement which provides for an even distribution of terminating calls among the available WATS Access Line Services in the hunt group. Where available, this feature is only provided in Telephone Company designated WATS Serving Offices. It is available with Feature Groups C and D.

(W) Nonhunting Number for Use with Hunt Group Arrangement or Uniform

Call Distribution Arrangement for Use with WATS Access Line

Service

This option provides an arrangement for an individual WATS Access Line Service within a multiline hunt or uniform call distribution group that provides access to that WATS Access Line Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is only provided in Telephone Company electronic end offices in which WATS Access Line Service is provided. It is available with Feature Groups C and D.

(X) Rotary Dial Station Signaling

This option provides for the transmission of called party address (M) signaling from rotary dial stations to the customer's premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with Feature Group B, only on a directly trunked basis.

(Y) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin

This option may be ordered to provide coin, non-coin, or combined (M) coin and non-coin operation. It is available only with Feature Group C and is provided in electronic end offices and other Telephone Company end offices where equipment is available. It is provided as a trunk time of Local Switching option. (T)(M)

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ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: November 7, 1993

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## ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

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- 6.3 <u>Common Switching and Transport Termination Optional Features</u> (where equipment is available) (Cont'd) **WO. PUBLIC SERVICE COMMA** 
  - 6.3.1 <u>Common Switching Optional Features</u> (where equipment is available) (Cont'd)
    - (V) <u>Uniform Call Distribution Arrangement for Use with WATS</u>
      <u>Access Line Service</u>

This option provides a type of multiline hunting arrangement which provides for an even distribution of terminating calls among the available WATS Access Line Services in the hunt group. Where available, this feature is only provided in Telephone Company designated WATS Serving Offices. It is available with Feature Groups C and D.

(W) Nonhunting Number for Use with Hunt Group Arrangement or
Uniform Call Distribution Arrangement for Use with WATS
Access Line Service

This option provides an arrangement for an individual WATS Access Line Service within a multiline hunt or uniform call distribution group that provides access to that WATS Access Line Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is only provided in Telephone Company electronic end offices in which WATS Access Line Service is provided. It is available with Feature Groups C and D.

(X) Reserved for Future Use

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Public Service Commission

(CC) Flexible Automatic Number Identification MTSSONFE)

The Flex ANI feature provides an enhancement to the existing ANI Information Indicator (ANI II) digits which are included in the ANI optional feature as described in 6.3.1(F) preceding. The Flex ANI feature provides additional values for the ANI II digits that are associated with various classes of service not available with the standard ANI digits. This feature is provided per host central office on a Carrier Identification Code (CIC) basis. Flex ANI is available with Feature Group D service in equal access end offices where technically feasible and must be provisioned with the ten digit ANI optional feature.

ISSUED: March 31, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 MC. PUBLIC SERVICE COMM. EFFECTIVE:

May 1, 1993

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ACCESS SERVICE

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- б. Switched Access Service (Cont'd)
  - MESE SEM Common Switching and Transport Termination Optional Features (where Sion
  - 6.3 equipment is available) (Cont'd)
    - 6.3.1 Common Switching Optional Features (where equipment is available) (Cont'd)
      - (V) Uniform Call Distribution Arrangement for Use with WATS Access Line Service

This option provides a type of multiline hunting arrangement which provides for an even distribution of terminating calls among the available WATS Access Line Services in the hunt group. Where available, this feature is only provided in Telephone Company designated WATS Serving Offices. It is available with Feature Groups C and D.

(W) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service

This option provides an arrangement for an individual WATS Access Line Service within a multiline hunt or uniform call distribution group that provides access to that WATS Access Line Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is only provided in Telephone Company electronic end offices in which WATS Access Line Service is provided. It is available with Feature Groups C and D.

- 6.3.2 Transport Termination Optional Features
  - (A) Rotary Dial Station Signaling

This option provides for the transmission of called party address signaling from rotary dial stations to the customer's premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with Feature Group B, only on a directly trunked basis.

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Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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ISSUED: September 17, 1992 SPRINT MISSOURI, INC. d/b/a SPRINT

Fourth Revised Page 214 Cancels Third Revised Page 214

## **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.3 Local Switching Optional Features (where equipment is available) (Cont'd)
    - (Y) Operator Trunk Pay Telephone

This option may be ordered to provide pay telephone operation. It is available only with Feature Group C and is provided in electronic end offices and other Telephone Company end offices where equipment is available. It is provided as a trunk type of Local Switching option.

(M)

(M)

This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating pay telephone calls requiring operator assistance to the customer's premises. Because operator assisted pay telephone traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only pro-vided in association with the Service Class Routing option.

The operator assistance pay telephone calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's TSPS systems, rather than in the customer's premises equipment.

When so equipped, the ANI feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for pay telephone stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

(M) Text relocated from Page 213.

ISSUED: November 29, 2000 Richard D. Lawson
State Executive, External Affairs
319 Madison
Jefferson City, MO 65101

## ACCESS SERVICE

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.3 Local Switching Optional Features (where equipment is available) 15 1997 (Cont'd)
    - (Y) Operator Trunk Pay Telephone (Cont'd)

## MISSOURI Public Service Commission

This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating pay telephone calls requiring operator assistance to the customer's premises. Because operator assisted pay telephone traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only pro-vided in association with the Service Class Routing option.

The operator assistance pay telephone calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's TSPS systems, rather than in the customer's premises equipment.

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When so equipped, the ANI feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for pay telephone stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

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ISSUED: January 15, 1997

BY: John L. Roe

VP - Carrier and Regulatory Services
5454 West 110th Street

Overland Park, Kansas 66211

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ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

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- 6.3 <u>Local Switching Optional Features</u> (where equipment is available) (Cont'd)
  - (Y) Operator Trunk Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

Coin:

This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating coin calls requiring operator assistance to the customer's premises. Because operator assisted coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

The operator assistance coin calling arrangement in also normality! ordered by the customer in conjunction with the ANI of the feature, since the preponderance of trunk groups equipped withis arrangement will be terminated in the customer by the systems, rather than in the customer's manual cord by the cu

Non-Coin:

This arrangement provides for the routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating non-coin calls requiring operator assistance to the customer's premises. Because operator assisted non-coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

The operator assistance non-coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's TSPS systems, rather than in the customer's manual cord boards. When so equipped, the ANI feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for coinless public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

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ISSUED: November 3, 1993 BY: John L. Roe NOV 7 1993 EFFECTIVE: Vice President - Administration November 7, 1993 5454 West 110th Street10 PUBLIC SERVICE COMM.

Overland Park, Kansas 66211

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## ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.3 Common Switching Transport Termination Optional Features (where equipment is available) (Cont'd)

    MAR 31 1993
    - 6.3.2 Transport Termination Optional Features (Cont'd) MO. PUBLIC SERVICE COMM
      - (A) Rotary Dial Station Signaling

This option provides for the transmission of called party address signaling from rotary dial stations to the customer's premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with Feature Group B, only on a directly trunked basis.

(B) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin

This option may be ordered to provide coin, non-coin, or combined coin and non-coin operation. It is available only with Feature Group C and is provided in electronic end offices and other Telephone Company end offices where equipment is available. It is provided as a trunk type of Transport Termination.

## Coin:

This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating coin calls requiring operator assistance to the customer's premises. Because operator assisted coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

The operator assistance coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's TSPS systems, rather than in the customer's manual cord boards.

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MO. PUBLIC SERVICE COMM.

ISSUED: March 31, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: May 1, 1993

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ACCESS SERVICE

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- 6. <u>Switched Access Service</u> (Cont'd)
  - Common Switching Transport Termination Optional Features (where On mission equipment is available) (Cont'd)
  - 6.3.2 Transport Termination Optional Features (Cont'd)
    - (B) Operator Trunk Coin, Non-Coin, or Combined Coin and Non-Coin

This option may be ordered to provide coin, non-coin, or combined coin and non-coin operation. It is available only with Feature Group C and is provided in electronic end offices and other Telephone Company end offices where equipment is available. It is provided as a trunk type of Transport Termination.

#### Coin:

This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating coin calls requiring operator assistance to the customer's premises. Because operator assisted coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

The operator assistance coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's TSPS systems, rather than in the customer's manual cord boards.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.3 Local Switching Optional Features (where equipment is available) (Cont'd)

### (Z) Operator Trunk - Full Feature

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This option provides the operator functions available in the end office to the customer's operator. These functions are (1) Operator Released, (2) Operator Attached, (3) Coin Collect, (4) Coin Return, and (5) Ringback. It is available with Feature Group D and is provided as a trunk type of Local Switching option.

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### (AA) Call Screening

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This feature provides for the passing of call screening digits on all calls that originate from Feature Group A lines. With Call Screening, the FGA dial tone office switched translations associated with the FGA line generate the ANI information digits of 07 on each call passed. Call Screening is available with FGA in suitably equipped end offices.

### (BB) Call Restriction

(N)

This option allows for the screening of terminating calls and for the completion only of calls to a Telephone Company specified set of service codes and NXXs within the Telephone Company local exchange calling area of the dial tone office in which the arrangement is provided. All other "toll" calls are routed to a reorder tone or recorded announcement. It is available with Feature Group A only in those offices where such capabilities exist.

(M) Text relocated from Page 216.

ISSUED: November 29, 2000 Richard D. Lawson
State Executive, External Affairs
319 Madison
Jefferson City, MO 65101

EFFECTIVE: December 29, 2000

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ACCESS SERVICE

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6.3 <u>Local Switching Optional Features</u> (where equipment is available) (Cont'd)

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ISSUED: January 15, 1997

BY: John L. Roe

VP - Carrier and Regulatory Services
5454 West 110th Street

Overland Park, Kansas 66211

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.3 Local Switching Optional Features (where equipment is available) (T) (Cont'd)

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(Y) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin (T) (Cont'd)

Combined Coin and Non-Coin:

This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating operator assisted coin and non-coin calls requiring operator assistance to the customer's premises. Because operator assisted coin and non-coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

This arrangement is normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's operator services systems, rather than in the customer's manual cord boards. When so equipped, the ANI optional feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for coinless public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

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ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE: November 7, 1993

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ACCESS SERVICE

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- 6. Switched Access Service (Cont'd)
  - 6.3 Common Switching Transport Termination Optional Features (where commission equipment is available) (Cont'd)
    - 6.3.2 Transport Termination Optional Features (Cont'd)
      - (B) Operator Trunk Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

Non-Coin:

This arrangement provides for the routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating non-coin calls requiring operator assistance to the customer's premises. Because operator assisted non-coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

The operator assistance non-coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's TSPS systems, rather than in the customer's manual cord boards. When so equipped, the ANI feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for coinless public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

Combined Coin and Non-Coin:

This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating operator assisted coin and non-coin calls requiring operator assistance to the customer's premises. Because operator assisted coin and non-coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

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ISSUED: September 17, 1992 BY: John L. Roe

Vice President - Administration
5454 West 110th Street

Overland Park, Kansas 66211

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#### **ACCESS SERVICE**

- Switched Access Service (Cont'd)
  - 6.3 Local Switching Optional Features (where equipment is available) (Cont'd)
    - (CC) Flexible Automatic Number Identification (Flex ANI)

The Flex ANI feature provides an enhancement to the existing ANI Information Indicator (ANI II) digits which are included in the ANI optional feature as described in 6.3.1 (F) preceding. The Flex ANI feature provides additional values for the ANI II digits that are associated with various classes of service not available with the standard ANI digits. This feature is provided per host central office on a Carrier Identification Code (CIC) basis. Flex ANI is available with Feature Group D service in equal access end offices where technically feasible and must be provisioned with the ten digit ANI optional feature.

(DD) Carrier Identification Parameter (CIP)

This option provides for the delivery of the Carrier Identification Code or the Access Code (101XXXX) to the customer within the initial address message SS7 call setup protocol. CIP is forwarded on originating Feature Group D Switched Access calls transported over SS7 trunks. CIP is available, at no charge, from suitably equipped end offices and access tandems.

(EE) Switched 64 Clear Channel Capability

This option provides for a connection capable of transmitting 64.0 kbps digital data with clear channel capability between the customer's designated premises and a suitably equipped end office. Switched 64 Clear Channel Capability allows a customer to transport an all zero octet over a DS1/1.544 Mbps high capacity channel providing an available combined maximum 1.536 Mbps data rate. This option requires all digital facilities, including the use of Interface Group 6 or 9, and is available only with Feature Group D from end offices capable of providing SS7 signaling. Bipolar with Eight Zero Substitution (B8ZS) line code format, and Integrated Services Digital Network (ISDN) or other switched data base services. Switched 64 Clear Channel Capability is available in suitably equipped end offices as specified in *the* National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

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ISSUED: May 28, 2003 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: June 26, 2003

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#### **ACCESS SERVICE**

6. Switched Access Service (Cont'd)

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# 6.3 Local Switching Optional Features (where equipment is available) (Cont'Service Commission

### (CC) Flexible Automatic Number Identification (Flex ANI)

The Flex ANI feature provides an enhancement to the existing ANI Information Indicator (ANI II) digits which are included in the ANI optional feature as described in 6.3.1 (F) preceding. The Flex ANI feature provides additional values for the ANI II digits that are associated with various classes of service not available with the standard ANI digits. This feature is provided per host central office on a Carrier Identification Code (CIC) basis. Flex ANI is available with Feature Group D service in equal access end offices where technically feasible and must be provisioned with the ten digit ANI optional feature.

### (DD) Carrier Identification Parameter (CIP)

This option provides for the delivery of the Carrier Identification Code or the Access Code (101XXXX) to the customer within the initial address message SS7 call setup protocol. CIP is forwarded on originating Feature Group D Switched Access calls transported over SS7 trunks. CIP is available, at no charge, from suitably equipped end offices and access tandems.

### (EE) Switched 64 Clear Channel Capability

This option provides for a connection capable of transmitting 64.0 kbps digital data with clear channel capability between the customer's designated premises and a suitably equipped end office. Switched 64 Clear Channel Capability allows a customer to transport an all zero octet over a DS1/1.544 Mbps high capacity channel providing an available combined maximum 1.536 Mbps data rate. This option requires all digital facilities, including the use of Interface Group 6 or 9, and is available only with Feature Group D from end offices capable of providing SS7 signaling. Bipolar with Eight Zero Substitution (B8ZS) line code format, and Integrated Services Digital Network (ISDN) or other switched data base services. Switched 64 Clear Channel Capability is available in suitably equipped end offices as specified in National Exchange Carrier Association, *Inc.* Tariff F.C.C. No. 4.

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- 6. Switched Access Service (Cont'd)
  - 6.3 Local Switching Optional Features (where equipment is available) (Cont'd)

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(D) (D)

(CC) Flexible Automatic Number Identification (Flex ANI)

The Flex ANI feature provides an enhancement to the existing ANI Information Indicator (ANI II) digits which are included in the ANI optional feature as described in 6.3.1 (F) preceding. The Flex ANI feature provides additional values for the ANI II digits that are associated with various classes of service not available with the standard ANI digits. This feature is provided per host central office on a Carrier Identification Code (CIC) basis. Flex ANI is available with Feature Group D service in equal access end offices where technically feasible and must be provisioned with the ten digit ANI optional feature.

(DD) Carrier Identification Parameter (CIP)

This option provides for the delivery of the Carrier Identification Code or the Access Code (101XXXX) to the customer within the initial address message SS7 call setup protocol. CIP is forwarded on originating Feature Group D Switched Access calls transported over SS7 trunks. CIP is available, at no charge, from suitably equipped end offices and access tandems.

(EE) Switched 64 Clear Channel Capability

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This option provides for a connection capable of transmitting 64.0 kbps digital data with clear channel capability between the customer's designated premises and a suitably equipped end office. Switched 64 Clear Channel Capability allows a customer to transport an all zero octet over a DS1/1.544 Mbps high capacity channel providing an available combined maximum 1.536 Mbps data rate. This option requires all digital facilities, including the use of Interface Group 6 or 9, and is available only with Feature Group D from end offices capable of providing SS7 signaling. Bipolar with Eight Zero Substitution (B8ZS) line code format, and Integrated Services Digital Network (ISDN) or other switched data base services. Switched 64 Clear Channel Capability is available in suitably equipped end offices as specified in National Exchange Carrier Association Tariff F.C.C. No. 4.

(M) Text relocated to Page 215.

ISSUED: November 29, 2000 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE:
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Switched Access Service (Cont'd)

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- 6.3 Local Switching Optional Features (where equipment is available) (Cont'd) 2 1998
  - (Z) Operator Trunk Full Feature

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This option provides the operator functions available in the end office to the customer's operator. These functions are (1) Operator Released, (2) Operator Attached, (3) Coin Collect, (4) Coin Return, and (5) Ringback. It is available with Feature Group D and is provided as a trunk type of Local Switching option.

- (AA) Reserved for Future Use
- (BB) Reserved for Future Use
- (CC) <u>Flexible Automatic Number Identification (Flex ANI)</u>

The Flex ANI feature provides an enhancement to the existing ANI Information Indicator (ANI II) digits which are included in the ANI optional feature as described in 6.3.1 (F) preceding. The Flex ANI feature provides additional values for the ANI II digits that are associated with various classes of service not available with the standard ANI digits. This feature is provided per host central office on a Carrier Identification Code (CIC) basis. Flex ANI is available with Feature Group D service in equal access end offices where technically feasible and must be provisioned with the ten digit ANI optional feature.

(DD) Carrier Identification Parameter (CIP)

This option provides for the delivery of the Carrier Identification Code or the Access Code (101XXXX) to the customer within the initial address message SS7 call setup protocol. CIP is forwarded on originating Feature Group D Switched Access calls transported over SS7 trunks. CIP is available, at no charge, from suitably equipped end offices and access tandems.

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MISSOURI Public Service Commission

ISSUED: July 2, 1998 BY: Richard Lawson
State Executive, External Affairs
319 Madison
Jefferson City, MO 65101

EFFECTIVE: August 3, 1998

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#### ACCESS SERVICE

Switched Access Service (Cont'd)

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- 6.3 Local Switching Optional Features (where equipment is available) (Cont'd) MO. PUBLIC SERVICE COMPA
  - (Z) Operator Trunk Full Feature

This option provides the operator functions available in the end office to the customer's operator. These functions are (1) Operator Released, (2) Operator Attached, (3) Coin Collect, (4) Coin Return, and (5) Ringback. It is available with Feature Group D and is provided as a trunk type of Local Switching option.

- (AA) Reserved for Future Use
- (BB) Reserved for Future Use
- (CC) Flexible Automatic Number Identification (Flex ANI)

The Flex ANI feature provides an enhancement to the existing ANI Information Indicator (ANI II) digits which are included in the ANI optional feature as described in 6.3.1 (F) preceding. The Flex ANI feature provides additional values for the ANI II digits that are associated with various classes of service not available with the standard ANI digits. This feature is provided per host central office on a Carrier Identification Code (CIC) basis. Flex ANI is available with Feature Group D service in equal access end offices where technically feasible and must be provisioned with the ten digit ANI optional feature.

(DD) Carrier Identification Parameter (CIP)

This option provides for the delivery of the Carrier Identification Code or the Access Code (10XXX or 101XXXX) to the customer within the initial address message SS7 call setup protocol. CIP is forwarded on originating Feature Group D Switched Access calls transported over SS7 trunks. CIP is available, at no charge, from suitably equipped end offices and access tandems.

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MISSOURI Public Service Commission

EFFECTIVE: October 6, 1997

ISSUED: September 4, 1997

BY: John L. Roe

VP - Carrier and Regulatory Services
5454 West 110th Street

Overland Park, Kansas 66211

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#### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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6.3 Local Switching Optional Features (where equipment is weilable) (Cont'd)

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(Z) Operator Trunk - Full Feature

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This option provides the operator functions available in the end office to the customer's operator. These functions are (1) Operator Released, (2) Operator Attached, (3) Coin Collect, (4) Coin Return, and (5) Ringback. It is available with Feature Group D and is provided as a trunk type of Local Switching option.

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(M)

(AA) Reserved for Future Use

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(BB) Reserved for Future Use

(CC) Flexible Automatic Number Identification (Flex ANI)
The Flex ANI feature provides an enhancement to the existing ANI
Information Indicator (ANI II) digits which are included in the
ANI optional feature as described in 6.3.1 (F) preceding. The
Flex ANI feature provides additional values for the ANI II digits
that are associated with various classes of service not available
with the standard ANI digits. This feature is provided per host
central office on a Carrier Identification Code (CIC) basis. Flex
ANI is available with Feature Group D service in equal access end
offices where technically feasible and must be provisioned with
the ten digit ANI optional feature.

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- Switched Access Service (Cont'd)
  - 6.3 Common Switching Transport Termination Optional Features (where Commission equipment is available) (Cont'd)
    - 6.3.2 Transport Termination Optional Features (Cont'd)
      - (B) Operator Trunk Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

Combined Coin and Non-Coin: (Cont'd)

This arrangement is normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's operator services systems, rather than in the customer's manual cord boards. When so equipped, the ANI optional feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for coinless public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

(C) Operator Trunk - Full Feature

This option provides the operator functions available in the end office to the customer's operator. These functions are (1) Operator Released, (2) Operator Attached, (3) Coin Collect, (4) Coin Return, and (5) Ringback. It is available with Feature Group D and is provided as a trunk type for Transport Termination.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.3 Local Switching Optional Features (where equipment is available) (Cont'd)

### (FF) Multifrequency Address Signaling

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This feature, available with FGB, FGC, and FGD, 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.

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### **ACCESS SERVICE**

### 6. Switched Access Service (Cont'd)

### 6.4 Transmission Specifications

Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Feature Group, the Interface Group and whether the service is directly routed or via an access tandem. The available transmission specifications are set forth in 6.4.1 following Data Transmission Parameters are also provided with each Switched Access Service transmission path. The Telephone Company will, upon notification by the customer that the data parameters set forth in 6.4.2(A) or 6.4.2(B) are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.

The Telephone Company will maintain existing transmission specifications on functioning service configurations installed prior to the effective date of this tariff except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at the performance levels specified in this tariff.

The transmission specifications contained in this Section are immediate action limits. Acceptance limits are set forth in Technical Reference *Publication GR-3334*. This Technical Reference also provides the basis for determining Switched Access Service maintenance limits.

### 6.4.1 Standard Transmission Specifications

Following are descriptions of the three Standard Transmission Specifications available with Switched Access Service Feature Groups and the two Standard Transmission Specifications for WATS Access Lines. The Specific applications in terms of the Feature Groups and Interface Groups with which Feature Group Standard Transmissions Specifications are provided are set forth in 6.2.1(C), 6.2.2(C), 6.2.3(C) and 6.2.4(C), preceding.

ISSUED: January 15, 2002 Richard D. Lawson
State Executive, External Affairs
319 Madison
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EFFECTIVE: February 15, 2002

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ACCESS SERVICE

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#### 6. Switched Access Service (Cont'd)

#### 6.4 Transmission Specifications

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Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Feature Group, the Interface Group and whether the service is directly routed or via an access tandem. The available transmission specifications are set forth in 6.4.1 following Data Transmission Parameters are also provided with each Switched Access Service transmission path. The Telephone Company will, upon notification by the customer that the data parameters set forth in 6.4.2(A) or 6.4.2(B) are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.

The Telephone Company will maintain existing transmission specifications on functioning service configurations installed prior to the effective date of this tariff except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at the performance levels specified in this tariff.

The transmission specifications contained in this Section are immediate action limits. Acceptance limits are set forth in Technical Reference TR-NPL-000334. This Technical Reference also provides the basis for determining Switched Access Service maintenance limits.

### 6.4.1 Standard Transmission Specifications

Following are descriptions of the three Standard Transmission Specifications available with Switched Access Service Feature Groups and the two Standard Transmission Specifications for WATS Access Lines. The Specific applications in terms of the Feature Groups and Interface Groups with which Feature Group Standard Transmissions Specifications are provided are set forth in 6.2.1(C), 6.2.2(C), 6.2.3(C) and 6.2.4(C), preceding.

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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- 6. Switched Access Service (Cont'd)
  - 6.4 Transmission Specifications (Cont'd)
    - 6.4.1 Standard Transmission Specifications (Cont'd)
      - (A) Type A Transmission Specifications
        Type A Transmission Specifications is
        provided with the following parameters:
        - (1) Loss Deviation
          The maximum Loss Deviation of the 1004
          Hz loss relative to the Expected
          Measured Loss (EML) is ±2.0 dB.
        - (2) Attenuation Distortion
          The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to the loss at 1004 Hz is 1.0 dB to + 3.0 dB.
        - (3) C-Message Noise
          The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

less than 50 32 dBrnCO 51 to 100 34 dBrnCO 101 to 200 37 dBrnCO 201 to 400 40 dBrnCO 401 to 1000 42 dBrnCO

Route Miles C-Message Noise

### (4) C-Notch Noise

The maximum C-Notch Noise, utilizing a - 16 dBmO holding tone, is less than or equal to 45 dBrnCO.

ISSUED: EFFECTIVE: September 17, 1992 November 7, 1992 Richard D. Lawson

September 17, 1992 State Executive, External Affairs

- 6. Switched Access Service (Cont'd)
  - 6.4 Transmission Specifications (Cont'd)
    - 6.4.1 Standard Transmission Specifications (Cont'd)
      - (A) Type A Transmission Specifications (Cont'd)
        - (5) Echo Control

Echo Control, identified as Equal Level Echo Path Loss, and expressed as Echo Return Loss and Singing Return Loss, is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. It is equal to or greater than the following:

				Sir Ret	cho nging turn oss	Retui Loss	
POT dB	to	Access	Tandem	21	dВ		14
POT	' to	End Off	ice				
_	Dire	ect		N	/A	N/A	
- dB	Via	Access	Tandem	16	dB		11

### (B) Type B Transmission Specifications

Type B Transmission Specifications are provided with the following parameters:

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### **ACCESS SERVICE**

- 6. Switched Access Service (Cont'd)
  - 6.4 <u>Transmission Specifications</u> (Cont'd)
    - 6.4.1 <u>Standard Transmission Specifications</u> (Cont'd)
      - (B) Type B Transmission Specifications (Cont'd)
        - (1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is  $\pm 2.5$  dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +4.0 dB.

### (3) <u>C-Message Noise</u>

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

C-Message Noise*		_
	Type B1	<u>Type</u>
32 dBrnCO	35 dBrnCO	
33 dBrnCO	37 dBrnCO	
35 dBrnCO	40 dBrnCO	
37 dBrnCO	43 dBrnCO	
39 dBrnCO	45 dBrnCO	
	32 dBrnCO 33 dBrnCO 35 dBrnCO 37 dBrnCO	<del>-</del>

\* For Feature Groups C and D only Type B2 will be provided. For Feature Groups A and B, Type B1 or B2 will be provided as set forth in Technical Reference **Publication GR-3334**.

ISSUED: January 15, 2002 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: February 15, 2002

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6. Switched Access Service (Cont'd) SEP 17 1992

6.4 Transmission Specifications (Cont'd)

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- - (B) Type B Transmission Specifications (Cont'd)
    - (1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is # 2.5

(2) Attenuation Distortion

> The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +4.0 dB.

(3) C-Message Noise

> The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

	C-Message	Noise*
Route Miles	Type Bl	Type B2
less than 50	32 dBrnCO	35 dBrnCO
51 to 100	33 dBrnCO	37 dBrnCO
101 to 200	35 dBrnCO	40 dBrnCO
201 to 400	37 dBrnCO	43 dBrnCO
401 to 1000	39 dBrnCO	45 dBrnCO

For Feature Groups C and D only Type B2 will be provided. For Feature Groups A and B, Type B1 or B2 will be provided as set forth in Technical Reference PUB 62500.

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.4 Transmission Specifications (Cont'd)
    - 6.4.1 <u>Standard Transmission Specifications</u> (Cont'd)
      - (B) Type B Transmission Specifications (Cont'd)
        - (4) C-Notch Noise

The maximum C-Notch Noise, utilizing a - 16 dBm0 holding tone is less than or equal to 47 dBrnCO.

### (5) Echo Control

Echo Control, identified as Impedance Balance for FGA and FGB and Equal Level Echo Path Loss for FGC and FGD, and expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. The ERL and SRL also differ by Feature Group, type of termination, and type of transmission path. They are greater than or equal to the following:

	Echo Return Loss	Singing Return Loss
POT to Access Tandem - Terminated in 4-Wire trunk - Terminated in 2-Wire trunk	21 dB 16 dB	14 dB 11 dB
POT to End Office - Direct	16 dB	11 dB

ISSUED: EFFECTIVE: September 17, 1992 November 7, 1992 Richard D. Lawson

State Executive, External Affairs

- 6. Switched Access Service (Cont'd)
  - 6.4 Transmission Specifications (Cont'd)
    - 6.4.1 Standard Transmission Specifications (Cont'd)
      - (B) Type B Transmission Specifications (Cont'd)
        - (5) Echo Control (Cont'd)

		Echo Return Loss	Singing Return Loss
-	<ul><li>Via Access Tandem</li><li>For FGB access</li><li>For FGC access</li><li>(Effective 4-</li></ul>	8 dB	4 dB
	Wire trans- mission path at end office) • For FGC access (Effective 2-	16 dB	11 dB
	Wire trans- mission path at end office)	13 dB	6 dB

### (C) Type C Transmission Specifications

Type C Transmission Specifications are provided with the following parameters:

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### **ACCESS SERVICE**

- 6. Switched Access Service (Cont'd)
  - 6.4 <u>Transmission Specifications</u> (Cont'd)
    - 6.4.1 <u>Standard Transmission Specifications</u> (Cont'd)
      - (C) Type C Transmission Specifications (Cont'd)
        - (1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is  $\pm$  3.0 dB.

### (2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +5.5 dB.

### (3) <u>C-Message Noise</u>

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

	C-Message Noise*		
Route Miles	Type C1	Type C2	
less than 50	32 dBrnCO	38 dBrnCO	
51 to 100	33 dBrnCO	39 dBrnCO	
101 to 200	35 dBrnCO	41 dBrnCO	
201 to 400	37 dBrnCO	43 dBrnCO	
401 to 1000	39 dBrnCO	45 dBrnCO	

\* For Feature Groups C and D only Type C2 will be provided. For Feature Groups A and B, Type C1 or C2 will be provided as set forth in Technical Reference **Publication GR-3334**.

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Switched Access Service (Cont'd)

6.4 <u>Transmission Specifications</u> (Cont'd)

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6.4.1 Standard Transmission Specifications (Cont'd)

### (C) Type C Transmission Specifications (Cont'd)

### (1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is  $\pm$  3.0 dB.

### (2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +5.5 dB.

### (3) <u>C-Message Noise</u>

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

	<u>C-Message</u>	Noise*	
Route Miles	Type C1	Type C2	
less than 50	32 dBrnCO	38 dBrnCO	
51 to 100	33 dBrnCO	39 dBrnCO	
101 to 200	35 dBrnCO	41 dBrnCO	
201 to 400	37 dBrnCO	43 dBrnCO	
401 to 1000	39 dBrnCO	45 dBrnCO	

For Feature Groups C and D only Type C2 will be provided. For Feature Groups A and B, Type C1 or C2 will be provided as set forth in Technical Reference TR-NPL-000334.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.4 Transmission Specifications (Cont'd)
    - 6.4.1 Standard Transmission Specifications (Cont'd)
      - (C) Type C Transmission Specifications (Cont'd)
        - (4) C-Notch Noise

The maximum C-Notch Noise, utilizing a - 16 dBm0 holding tone is less than or equal to 47 dBrnCO.

### (5) Echo Control

Echo Control, identified as Return Loss and expressed as Echo Return Loss and Singing Return Loss is equal to or greater than the following:

Echo	Singing
Return	Return
Loss	Loss

POT to End Office

- Direct 13 dB 6 dB

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September 17, 1992 State Executive, External Affairs

- 6. Switched Access Service (Cont'd)
  - 6.4 Transmission Specifications (Cont'd)
    - 6.4.2 Data Transmission Parameters

Two types of Data Transmission Parameters, i.e., Type DA and Type DB, are provided for the Feature Group arrangements. The specific applications in terms of the Feature Groups with which they are provided are set forth in 6.2.1(C), 6.2.2(C), 6.2.3(C) and 6.2.4(C) preceding. Following are descriptions of each.

- (A) Data Transmission Parameters Type DA
  - (1) Signal to C-Notched Noise Ratio

The Signal to C-Notched Noise Ratio is equal to or greater than 33 dB.

(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

604 to 2804 Hz

less than 50 route miles 500 microseconds equal to or greater than 900 microseconds 50 route miles

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State Executive, External Affairs

- 6. Switched Access Service (Cont'd)
  - 6.4 Transmission Specifications (Cont'd)
    - 6.4.2 Data Transmission Parameters (Cont'd)
      - (A) Envelope Delay Distortion (Cont'd)
        - (2) <u>Data Transmission Parameters Type DA</u> (Cont'd)

1004 to 2404 Hz

less than 50 route miles 200 microseconds equal to or greater than 400 microseconds 50 route miles

### (3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 65 dBrnCO threshold in 15 minutes is no more than 15 counts.

### (4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2) 33 dB Third Order (R3) 37 dB

### (5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 50 peak-to-peak.

### (6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

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State Executive, External Affairs

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#### ACCESS SERVICE

- Switched Access Service (Cont'd)
  - Transmission Specifications (Cont'd)
    - 6.4.2 Data Transmission Parameters (Cont'd)
      - (B) Data Transmission Parameters Type DB (Cont'd)
        - (1) Signal to C-Notched Noise Ratio The signal to C-Notched Noise Ratio is equal to or greater than 30 dB.
        - (2) Envelope Delay Distortion The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

604 to 2804 Hz less than 50 route miles 800 microseconds equal to or greater than 1000 microseconds

50 route miles

1004 to 2404 Hz less than 50 route miles 320 microseconds equal to or greater than 500 microseconds

50 route miles

- (3) Impulse Noise Counts The Impulse Noise Counts exceeding a 67 dBrnCO threshold in 15 minutes is no more than 15 counts.
- (4) Intermodulation Distortion The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than: Second Order (R2) 31 dB Third Order (R3) 34 dB

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### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.4 Transmission Specifications (Cont'd)
    - 6.4.2 Data Transmission Parameters (Cont'd)
      - (B) <u>Data Transmission Parameters Type DB</u> (Cont'd)
        - (5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 7O peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

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### **ACCESS SERVICE**

### 6. Switched Access Service (Cont'd)

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### 6.5 Obligations of the Telephone Company

In addition to the obligations of the Telephone Company set forth in 2. preceding, the Telephone Company has certain other obligations pertaining only to the provision of Switched Access Service. These obligations are as follows:

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### ACCESS SERVICE

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Switched Access Service (Cont'd)

6.4 <u>Transmission Specifications</u> (Cont'd)

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6.4.2 Reserved for Future Use

6.5 Obligations of the Telephone Company

In addition to the obligations of the Telephone Company set forth in 2. preceding, the Telephone Company has certain other obligations pertaining only to the provision of Switched Access Service. These obligations are as follows:

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### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.5 Obligations of the Telephone Company (Cont'd)
    - 6.5.1 <u>Network Management</u>

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connections with little or no delay encountered within the Telephone Company network. The Telephone Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in 2.4.4(B)(3) preceding.

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.5 Obligations of the Telephone Company (Cont'd)

### 6.5.1 Network Management

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connections with little or no

delay encountered within the Telephone Company network. Telephone Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in 2.4.4(B)(3) preceding.

### 6.5.2 Design and Traffic Routing of Switched Access Service

For Feature Group C and Feature Group D when ordered in busy hour minutes of capacity, the Telephone Company shall design and determine the routing of Switched Access Service, including the selection of the first point of switching and the selection of facilities from the interface to any switching point and to the end offices where busy hour minutes of capacity are ordered. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or

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### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.5 Obligations of the Telephone Company (Cont'd)
    - 6.5.2 Design and Traffic Routing of Switched Access (Cont'd)

For Feature Groups A when ordered in lines and Feature Groups B and D when ordered in trunks, the customer desired line or trunk directionality and/or traffic routing of the Switched Access Service between the customer's premises and the entry switch are specified on the customer's order for service. Telephone Company will determine the optimal network configuration based on the capacity ordered. If the customer desires routing or directionality different from the optimal configuration determined by the Telephone Company, the Telephone Company will work cooperatively with the customer in determining (1) whether the service is to be routed directly to an end office or through an access tandem switch and (2) the directionality of the service before establishing a firm order. Additionally, for Feature Group B the customer may order the optional feature Customer Specification of Local Transport Termination.

### 6.5.3 <u>Provision of Service Performance Data</u>

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines, may also be made available to the customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., customer equipment blockage,

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### 6. <u>Switched Access Service</u> (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd) Public Service Commission

### 6.5.2 Design and Traffic Routing of Switched Access (Cont'd)

two-way trunk groups. Finally, the Telephone Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment. Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and the Telephone Company traffic routing plans. If the customer desires routing or directionality different from that determined by the Telephone Company, the Telephone Company will work cooperatively with the customer in determining (1) whether the service is to be routed directly to an end office or through an access tandem switch and (2) the directionality of the service.

For Feature Groups A when ordered in lines and Feature Groups B and D when ordered in trunks, the customer desired line or trunk directionality and/or traffic routing of the Switched Access Service between the customer's premises and the entry switch are specified on the customer's order for service. The Telephone Company will determine the optimal network configuration based on the capacity ordered. If the customer desires routing or directionality different from the optimal configuration determined by the Telephone Company, the Telephone Company will work cooperatively with the customer in determining (1) whether the service is to be routed directly to an end office or through an access tandem switch and (2) the directionality of the service before establishing a firm order. Additionally, for Feature Group B the customer may order the optional feature Customer Specification of Local Transport Termination.

#### 6.5.3 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines, may also be made available to the customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., customer equipment blockage,

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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.5 Obligations of the Telephone Company (Cont'd)
    - 6.5.3 Provision of Service Performance Data (Cont'd)

failure results and transmission performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

6.5.4 Trunk Group Measurements Reports

Subject to availability, the Telephone Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the customer based on previously agreed to intervals.

6.5.5 <u>Determination of Number of Transmission Paths</u>

When ordering Switched Access Services in line quantities for Feature Group A or trunk quantities for Feature Group B, C or D, the customer shall specify the number of transmission paths in lines or trunks based on their expected originating and terminating traffic.

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#### **ACCESS SERVICE**

6. <u>Switched Access Service</u> (Cont'd)

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6.5 Obligations of the Telephone Company (Cont'd)

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6.5.3 <u>Provision of Service Performance Data</u> (Cont'd)

failure results and transmission performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

6.5.4 Trunk Group Measurements Reports

Subject to availability, the Telephone Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the customer based on previously agreed to intervals.

6.5.5 Determination of Number of Transmission Paths

When ordering Switched Access Services in line quantities for Feature Group A or trunk quantities for Feature Group B, C or D, the customer shall specify the number of transmission paths in lines or trunks based on their expected originating and terminating traffic. The number of transmission paths will be developed using the total busy hour minutes of capacity by traffic type (as described in 6.1.1(E) preceding) for the end offices for each Feature Group ordered from a customer's premises. The total busy hour minutes of capacity by type for the end office will be converted to transmission paths using standard Telephone Company traffic engineering methods. The number of transmission paths provided shall be the number required based on (1) the use of access tandem switches and end office switches, (2) the use of end office switches only, or (3) the use of tandem switches only.

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## Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

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6.5.3 Provision of Service Performance Data (Cont'd)

failure results and transmission performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

### 6.5.4 Trunk Group Measurements Reports

Subject to availability, the Telephone Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the customer based on previously agreed to intervals.

### 6.5.5 Determination of Number of Transmission Paths

For Feature Groups A and B, which are ordered on a per line or per trunk basis respectively, and Feature Group D when ordered on a per trunk basis, the customer specifies the number of transmission paths in the order for service. The Telephone Company will determine the number of Switched Access Service transmission paths to be provided for the Switched Access Feature Group C or D busy hour minutes of capacity ordered. A transmission path is a communication path within the frequency bandwidth of approximately 300 to 3000 Hz or a derived communication path of a frequency bandwidth of approximately 300 Hz to 3000 Hz provided over a high frequency analog facility or a high speed digital facility between a customer's premises and a Telephone Company location. The number of transmission paths will be developed using the total busy hour minutes of capacity by traffic type (as described in 6.1.1(E) preceding) for the end offices for each Feature Group ordered from a customer's premises. The total busy hour minutes of capacity by type for the end office will be converted to transmission paths using standard Telephone Company traffic engineering methods. The number of transmission paths provided shall be the number required based on (1) the use of access tandem switches and end office switches, (2) the use of end office switches only, or (3) the use of tandem switches only.

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## **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.5 Obligations of the Telephone Company (Cont'd)
    - 6.5.5 <u>Determination of Number of Transmission Paths</u> (Cont'd) For analog entry switches, a termination will be provided for each transmission path provided. For digital entry switches an equivalent termination will be provided for each transmission path provided.

## 6.5.6 Reserved For Future Use

## 6.5.7 <u>Design Blocking Probability</u>

The Telephone Company will design and monitor the facilities used in the provision of Switched Access Service to meet the blocking probability criteria as set forth in (A) through (D) following:

- (A) For Feature Groups A and B no design blocking criteria apply.
- (B) For Feature Group C, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's premises and the first point of switching when traffic is directly routed without an alternate route. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.
- (C) For Feature Group D, the design blocking objective for the final group will be no greater than one percent (.01) between the point of termination at the customer's premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking. The Erlang B traffic tables are used for High Usage (HU) trunk groups while Neal Wilkinson traffic tables are used for final groups.

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.5 Obligations of the Telephone Company (Cont'd) Public Scrice Commission

6.5.6 Determination of Number of Transmission Paths (Cont'd)

For analog entry switches, a termination will be provided for each transmission path provided. For digital entry switches an equivalent termination will be provided for each transmission path provided.

## 6.5.7 Design Blocking Probability

The Telephone Company will design and monitor the facilities used in the provision of Switched Access Service to meet the blocking probability criteria as set forth in (A) through (D) following:

- (A) For Feature Groups A and B no design blocking criteria apply.
- (B) For Feature Group C, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's premises and the first point of switching when traffic is directly routed without an alternate route. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.
- (C) For Feature Group D, the design blocking objective for the final group will be no greater than one percent (.01) between the point of termination at the customer's premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking. The Erlang B traffic tables are used for High Usage (HU) trunk groups while Neal Wilkinson traffic tables are used for final groups.

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#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.5 Obligations of the Telephone Company (Cont'd)
    - 6.5.7 <u>Design Blocking Probability</u> (Cont'd)
      - (D) The Telephone Company will perform routine measurement functions for the capacity ordered, whether ordered in lines *or trunks to* assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (*i.e., lines* or trunks) be ordered by the customer when additional paths are required to reduce the measured blocking level. For the Feature Group C or D capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the thresholds listed in the following tables.
        - (1) For transmission paths carrying only first routed traffic directly between an end office and a customer's premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Per Trunk Group

	15-20 <u>Measurement</u> <u>Measurement</u>	11-14 s <u>sMeasurements</u> ss	7-10 ts Measureme	3-6 ents
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5-6	.040	.050	.060	.070
7 or more	.030	.035	.040	.060
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#### ACCESS SERVICE

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.5 Obligations of the Telephone Company (Cont'd)

MISSOURI Public Service Commission

- 6.5.7 Design Blocking Probability (Cont'd)
  - (D) The Telephone Company will perform routine measurement functions for the capacity ordered, whether ordered in lines, trunks or BHMCs, to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., busy hour minutes of capacity, lines or trunks) be ordered by the customer when additional paths are required to reduce the measured blocking level. For the Feature Group C or D capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the thresholds listed in the following tables.
    - (1) For transmission paths carrying only first routed traffic directly between an end office and a customer's premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Per Trunk Group

	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5-6	.040	.050	.060	.070
7 or more	.030	.035	.040	.060

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#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.5 Obligations of the Telephone Company (Cont'd)
    - 6.5.7 Design Blocking Probability (Cont'd)
      - (D) (Cont'd)
        - (2) For transmission paths carrying first routed traffic between an end office and a customer's premises via an access tandem, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group Measured Blocking Thresholds
in the Time Consistent Busy Hour
for the Number of Measurements
Per Trunk Group

	15-20 Measurements Measurements	11-14	7-10 Measurements Measurements	3-6
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.040	.045	.055
5-6	.025	.035	.040	.045
7 or more	.020	.025	.030	.040

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ACCESS SERVICE 6.

Switched Access Service (Cont'd)
6.6 Obligations of the Customer
In addition to the Obligations of the Customer set
forth in 2.3 preceding, the customer has certain
specific obligations perhaining to the use of Switched Access Service. These obligations are as follows:

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6.6.1 Report Requirements

Customers are responsible for providing the following reports to the Telephone Company, when applicable.

(A) Jurisdictional Reports When a customer orders Switched Access Service for both interstate and intrastate use, the customer is responsible for providing reports as set forth in 2.3.14 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the intrastate charges is set forth in 2.3.15 preceding.

(B) Code Screening Reports
When a customer orders service class
routing, trunk access limitation or call
gapping arrangements, it must report the
number of trunks and/or the appropri-ate
codes to be instituted in each end office or access tandem switch, for each of the arrangements ordered.

(C) 900 Access Service NXX Codes All 900 NXX Code assignments and administration shall be in accordance with the North American Numbering Plan (NANP).

When ordering 900 Access Service, NXX codes to be activated and NXX Codes to be deactivated must be provided to the Telephone Company at least 30 calendar days prior to the effective date of the change. Customer assigned codes, for which an order has not been received, will be blocked. When 900 Access Service traffic is terminated on a switched access line and not on a dedicated access line, the customer must notify the Telephone Company of all local exchange telephone numbers to which 900 Access Service traffic is designated so that the Telephone Company can balance the end office in accordance with standard Telephone Company engineering practices for heavy volume lines.

(D) Interim 500 Access Service NXX Codes All 500 NXX Code assignments and administration shall be in accordance with the North American Numbering Plan (NANP). to be activated and NXX Codes to be

the North American Numbering Plan (NANP).

When ordering Interim 500 Access Service, NXX Codes to be activated and NXX Codes to be deactivated must be provided to the Telephone Company at least 30 calendar days prior to the effective date of the change.

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ACCESS SERVICE

## Switched Access Service (Cont'd)

## 6.6 Obligations of the Customer (Cont'd)

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In addition to the Obligations of the Customer set forth in 2. preceding, the customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

### 6.6.1 Report Requirements

Customers are responsible for providing the following reports to the Telephone Company, when applicable.

#### (A) Jurisdictional Reports

When a customer orders Switched Access Service for both interstate and intrastate use, the customer is responsible for providing reports as set forth in 2.3.14 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the intrastate charges is set forth in 2.3.15 preceding.

#### (B) Code Screening Reports

When a customer orders service class routing, trunk access limitation or call gapping arrangements, it must report the number of trunks and/or the appropriate codes to be instituted in each end office or access tandem switch, for each of the arrangements ordered.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

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ACCESS SERVICE

6.

Switched Access Service (Cont'd)
6.6 Obligations of the Customer (Cont'd)
6.6.1 Report Requirements (Cont'd)
(D) Interim 500 Access Service NXX Codes

(Cont'd) Customer assigned codes, for which an order has not been received, will be blocked. When Interim 500 Access Service traffic is terminated on a switched access line and not on a dedicated access line, the customer must notify the Telephone Company of all local exchange telephone numbers to which Interim 500 Access Service traffic is designated so that the Telephone Company can balance the end office in accordance with

standard Telephone Company engineer-ing practices for heavy volume lines.

6.6.2 Supervisory Signaling
The customer's facilities shall provide the necessary on-hook, off-hook, answer and disconnect supervision.

6.6.3 Trunk Group Measurement Reports
With the agreement of the customer, trunk group data in the form of usage in CCS, peg count and overflow for its end of all access trunk groups, overflow for its end of all access trunk groups, where technologically feasible, will be made available to the Telephone Com-pany. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

6.6.4 Design of Switched Access Services

When a customer orders Switched Access Service

on a per line or per trunk basis, it is the customer's responsi-bility to assure that sufficient access services have been ordered to handle its traffic.

Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Switched Access Service.

6.7.1 Description and Application of Rates and Charges There are three types of rates and charges that apply to Switched Access Service. These are monthly recurring rates, nonrecurring charges and usage rates. These rates and charges are applied differently to the various rate elements as set forth in (D) following.

#### (A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have 30 days.

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6. <u>Switched Access Service</u> (Cont'd)

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6.6 Obligations of the Customer (Cont'd)

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6.6.2 <u>Supervisory Signaling</u>

The customer's facilities shall provide the necessary on-hook, off-hook, answer and disconnect supervision.

6.6.3 Trunk Group Measurement Reports

With the agreement of the customer, trunk group data in the form of usage in CCS, peg count and overflow for its end of all access trunk groups, where technologically feasible, will be made available to the Telephone Company. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

6.6.4 Design of Switched Access Services

When a customer orders Switched Access Service on a per line or per trunk basis, it is the customer's responsibility to assure that sufficient access services have been ordered to handle its traffic.

6.7 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Switched Access Service.

6.7.1 Description and Application of Rates and Chargest Service Commission
MISSOURI

There are three types of rates and charges that apply to Switched Access Service. These are monthly recurring rates, nonrecurring charges and usage rates. These rates and charges are applied differently to the various rate elements as set forth in (D) following.

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have 30 days.

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NOV 7 1992

ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 SPRINT MISSOURI, INC. d/b/a SPRINT

Cancels First Revised Page 238

**ACCESS SERVICE** 

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
      - (B) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per access minute basis. Access minute charges are accumulated over a monthly period.

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service, installation of optional features, service rearrangements, Interim 500 Access Service, and 900 Access Service.

(1) <u>Installation of Service</u>

Nonrecurring charges apply to each Switched Access Service installed. For FGA, the per line installation charge is applicable. For FGB, FGC, FGD, Interim 500 Access, TFC and 900, the per trunk installation charge is applicable on a per end office or tandem basis.

(2) <u>Installation of Optional Features</u>

If a separate nonrecurring charge applies for the installation of an optional feature available with Switched Access Service, the charge applies whether the feature is installed coincident with the initial installation of service or at any time subsequent to the initial installation of service.

ISSUED: January 7, 2002 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: February 7, 2002

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#### ACCESS SERVICE

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#### 6. Switched Access Service (Cont'd)

#### 6.7 Rate Regulations (Cont'd)

## MO. PUBLIC SERVICE COMM.

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### 6.7.1 Description and Application of Rates and Charges (Cont'd)

#### (B) <u>Usage Rates</u>

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per access minute basis. Access minute charges are accumulated over a monthly period.

#### (C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service, installation of optional features, service rearrangements, Interim 500 Access Service, and 900 Access Service.

#### Installation of Service (1)

Nonrecurring charges apply to each Switched Access Service installed. For FGA and FGB, which are ordered on a per line or trunk basis respectively, and for FGD when ordered on a per trunk basis, the charge is applied per line on trunk. For FGC and FGD, which are ordered on a busy hour minutes of capacity basis, the charge is also applied on a per trunk basis but the charge applies only when the capacity ordered requires the installation of an additional trunk(s).

#### Installation of Optional Features (2)

If a separate nonrecurring charge applies for the installation of an optional feature available with Switched Access Service, the charge applies whether the feature is installed coincident with the initial installation of service or at any time subsequent to the initial installation of service.

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ISSUED: January 11, 1995

FEBELTU VIB 95 February 11, 1995 BY: John L. Roe Vice President - Carrier and Regulatory Services MISSOURI 5454 West 110th Street Overland Park, Kansas 66211

Public Service Commission

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#### ACCESS SERVICE

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#### 6. Switched Access Service (Cont'd)

#### 6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

#### (B) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per access minute basis. Access minute charges are accumulated over a monthly period.

#### (C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service, installation of optional features, and service rearrangements.

#### (1) Installation of Service

Nonrecurring charges apply to each Switched Access Service installed. For FGA and FGB, which are ordered on a per line or trunk basis respectively, and for FGD when ordered on a per trunk basis, the charge is applied per line on trunk. For FGC and FGD, which are ordered on a busy hour minutes of capacity basis, the charge is also applied on a per trunk basis but the charge applies only when the capacity ordered requires the installation of an additional trunk(s).

#### (2) Installation of Optional Features

If a separate nonrecurring charge applies for the installation of an optional feature available with Switched Access Service, the charge applies whether the feature is installed coincident with the initial installation of service or at any time subsequent to the initial installation of service.

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BY:

Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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ISSUED: September 17, 1992

#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
      - (C) Nonrecurring Charges (Cont'd)
        - (3) Service Rearrangements

Service rearrangements are changes to existing services installed which do not result in either a change in the minimum period requirements as set forth in 5.2.5 preceding or a change in the physical location of the point of termination at the customer's premises or the customer's end user's premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of termi-nation are treated as moves and are described and charged for as set forth in 6.7.7 following.

ISSUED: EFFECTIVE: September 17, 1992 November 7, 1992 Richard D. Lawson

State Executive, External Affairs

#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
      - (C) Nonrecurring Charges (Cont'd)
        - (3) Service Rearrangements (Cont'd)

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves an actual physical change to the service.

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for the Access Service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name--e.g., AT&T-Long Lines to AT&T-Communications),
- Change of customer or customer's end user premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number,
- Change of jurisdiction

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#### ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
      - (C) Nonrecurring Charges (Cont'd)
        - (3) Service Rearrangements (Cont'd)

All other service rearrangements will be charged for as follows:

If the change involves the addition of or a modification to an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.

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- When the service switching point (SSP) is located at the Telephone Company's access tandem, end office and tandem trunk rearrangements will be provided at the charges set forth in 6.8.3 following when all of the following conditions apply:
  - (a) End office and tandem trunk rearrange-ments will be provided only on Feature Group D trunks located at the end office switch.
  - (b) The customer must disconnect one trunk at the end office or access tandem for each trunk installed at the SSP-equipped tandem. The number of trunks being connected at the SSP-equipped tandem cannot exceed the number of trunks disconnected.

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ISSUED: EFFECTIVE: December 23, 1993 January 24, 1994 Richard D. Lawson

State Executive, External Affairs

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#### ACCESS SERVICE

б. Switched Access Service (Cont'd) NOV 2 1993

6.7 Rate Regulations (Cont'd)

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- 6.7.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
  - (C) Nonrecurring Charges (Cont'd)
    - (3) Service rearrangements (Cont'd)

All other service rearrangements will be charged for as follows:

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If the change involves the addition of or a modification to an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.

For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Local Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

Service rearrangements to redirect traffic from direct routed to tandem routed for performance of the 800 data base query required for 800 Access Service, where the 800 query function is initially available only at the tandem, will be assessed the End Office to Tandem Rearrangement Charge set forth in Section 6.8.3 following. When the 800 data base query function becomes available for 800 Access Service at end offices subtending the tandem to which customers have redirected 800 traffic, customers will be allowed to rearrange 800 traffic from tandem routed to direct routed at no charge provided that the same customer premises is maintained.

#### (D) Application of Rates

Local Transport, Local Switching and the Information Surcharge rate are applied to all Feature Groups.

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ISSUED: November 3, 1993

BY: John L. Roe 1989vember 7, 1993 Vice President - Administration

5454 West 110th Street Overland Park, Kansas 662 MO. PUBLIC SERVICE COMM.

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#### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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6.7 Rate Regulations (Cont'd)

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6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

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(3) Service rearrangements (Cont'd)

All other service rearrangements will be charged for as follows:

- If the change involves the addition of or a modification to an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.
- For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Local Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

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Service rearrangements to redirect traffic from direct (N) routed to tandem routed for performance of the 800 data base query required for 800 Access Service, where the 800 query function is initially available only at the tandem, will be assessed the End Office to Tandem Rearrangement Charge set forth in Section 6.8.3 following. When the 800 data base query function becomes available for 800 Access Service at end offices subtending the tandem to which customers have redirected 800 traffic, customers will be allowed to rearrange 800 traffic from tandem routed to direct routed at no charge provided that the same customer premises is maintained.

(D) Application of Rates

Local Transport, End Office (i.e., Local Switching, Line Termination and Intercept) and the Information Surcharge rate are applied as premium rates.

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ISSUED: March 31, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: May 1, 1993

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## 6. <u>Switched Access Service</u> (Cont'd)

## 6.7 Rate Regulations (Cont'd)

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#### 6.7.1 Description and Application of Rates and Charges (Cont'd)

#### (C) Nonrecurring Charges (Cont'd)

#### (3) <u>Service rearrangements</u> (Cont'd)

All other service rearrangements will be charged for as follows:

- If the change involves the addition of or a modification to an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.
- For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Local Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

#### (D) Application of Rates

Local Transport, End Office (i.e., Local Switching, Line Termination and Intercept) and the Information Surcharge rate are applied as premium rates.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
      - (C) Nonrecurring Charges (Cont'd)
        - (3) <u>Service Rearrangements</u> (Cont'd)
          - (c) The customer must place the order to connect at the SSP-equipped tandem at the same time the order is placed to disconnect from the end office or tandem. The due date of the disconnection order cannot be more than six months past the due date of the order to install at the SSPequipped tandem.
          - (d) Orders to install at the SSP-equipped tandem must be received by the Telephone Company with a due date no later than six months after conversion to TFC number portability.

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If the Telephone Company installs an SSP at the end office or tandem, upon receipt of an access order prior to December 31, 1995, the customer's trunks will be rearranged from the SSP-equipped tandem to the original end office or tandem.

ISSUED: EFFECTIVE: March 27, 1996 April 29, 1996 Richard D. Lawson

State Executive, External Affairs

#### ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

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6.7 Rate Regulations (Cont'd)

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6.7.1 Description and Application of Rates and Charges Commission

- (C) Nonrecurring Charges (Cont'd)
  - (3) <u>Service rearrangements</u> (Cont'd)
    - (c) The customer must place the order to connect at the SSP-equipped tandem at the same time the order is placed to disconnect from the end office or tandem. The due date of the disconnection order cannot be more than six months past the due date of the order to install at the SSP-equipped tandem.
    - (d) Orders to install at the SSP-equipped tandem must be received by the Telephone Company with a due date no later than six months after conversion to 800 number portability.

If the Telephone Company installs an SSP at the end office or tandem, upon receipt of an access order prior to December 31, 1995, the customer's trunks will be rearranged from the SSP-equipped tandem to the original end office or tandem.

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Public Service Commission

EFFECTIVE DATE: January 24, 1994

ISSUE DATE: December 23, 1993 BY: John L. Roe
Vice President - Administration
5454 West 110th Street
Overland Park, Kansas 66211

SPRINT MISSOURI, INC. d/b/a SPRINT

Sixth Revised Page 242 Cancels Fifth Revised Page 242

#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
      - (C) Nonrecurring Charges (Cont'd)
        - (3) Service Rearrangements (Cont'd)
          - For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Local Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).
          - Service rearrangements to redirect traffic from direct routed to tandem routed for performance of the TFC data base query required for TFC Access Service, where the TFC query function is initially available only at the tandem, will be assessed the End Office to Tandem Rearrangement Charge set forth in Section 6.8.3 following. When the TFC data base query function becomes available for TFC Access Service at end offices subtending the tandem to which customers have redirected TFC traffic, customers will be allowed to rearrange TFC traffic from tandem routed to direct routed at no charge provided that the same customer premises is maintained.

# (4) 900 Access Service

A nonrecurring charge as specified in 6.8.5 following applies each time a change is made which involves the addition or deletion of 900 NXX codes to be routed to the The charge is assessed per 900 NXX code customer. added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 900 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) to those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company end office, but only on the customer's initial request to the Telephone Company for 900 Access Service in each LATA, access tandem or end office.

ISSUED: January 7, 2002 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: February 7, 2002

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SPRINT MISSOURI, INC. d/b/a SPRINT

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6. Switched Access Service (Cont'd)

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- 6.7 Rate Regulations (Cont'd)
  - 6.7.1 Description and Application of Rates and Charges (Cont'd)
    - (C) Nonrecurring Charges (Cont'd)
      - (3) Service Rearrangements (Cont'd)
        - For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Local Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).
        - Service rearrangements to redirect traffic from direct routed to tandem routed for performance of the TFC data base query required for TFC Access Service, where the TFC query function is initially available only at the tandem, will be assessed the End Office to Tandem Rearrangement Charge set forth in Section 6.8.3 following. When the TFC data base query function becomes available for TFC Access Service at end offices subtending the tandem to which customers have redirected TFC traffic, customers will be allowed to rearrange TFC traffic from tandem routed to direct routed at no charge provided that the same customer premises is maintained.
      - (4) 900 Access Service

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Public Service Commission
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A nonrecurring charge as specified in 6.8.5 following applies each time a change is made which involves the addition or deletion of 900 NXX codes to be routed to the customer. The charge is assessed per 900 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 900 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) to those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company end office, but only on the customer's initial request to the Telephone Company for 900 Access Service in each state, LATA, access tandem or end office.

(C)

ISSUED: November 29, 2000

Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE:
December 29, 2000
Missouri Public
Service Commission

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#### ACCESS SERVICE

#### б. Switched Access Service (Cont'd)

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Rate Regulations (Cont'd)

# 6.7.1 Description and Application of Rates and Charges Service Commission

#### Nonrecurring Charges (Cont'd) (C)

#### Service Rearrangements (Cont'd)

For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Local Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

Service rearrangements to redirect traffic from direct routed to tandem routed for performance of the TFC data base query required for TFC Access Service, where the TFC query function is initially available only at the tandem, will be assessed the End Office to Tandem Rearrangement Charge set forth in Section 6.8.3 following. When the TFC data base query function becomes available for TFC Access Service at end offices subtending the tandem to which customers have redirected TFC traffic, customers will be allowed to rearrange TFC traffic from tandem routed to direct routed at no charge provided that the same customer premises is maintained.

#### (4) 900 Access Service

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A nonrecurring charge as specified in 6.8.5 following applies each time a change is made which involves the addition or deletion of 900 NXX codes to be routed to the customer. The charge is assessed per 900 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 900 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company 1996 end office, but only on the customer's initial request to the Telephone Company for 900 Access Service in each state LATA or access tandem.

ISSUED: March 27, 1996 BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: April 29, 1996 (T)

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Third Revised Page 242 Cancels Second Revised Page

#### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

JAN 11 1995

6.7 Rate Regulations (Cont'd)

# 6.7.1 Description and Application of Rates and Challe PUBLIC STAVICE COMM.

#### (C) Nonrecurring Charges (Cont'd)

#### (3) <u>Service Rearrangements</u> (Cont'd)

For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Local Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

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Service rearrangements to redirect traffic from direct routed to tandem routed for performance of the 800 data base query required for 800 Access Service, where the 800 query function is initially available only at the tandem, will be assessed the End Office to Tandem Rearrangement Charge set forth in Section 6.8.3 following. When the 800 data base query function becomes available for 800 Access Service at end offices subtending the tandem to vice Commission traffic, customers will be allowed to rearrange 800 traffic from rearrange 800 traffic from tandem routed to direct routed at no charge provided that the same customer premises is maintained.

#### (4) 900 Access Service

A nonrecurring charge as specified in 6.8.5 following applies each time a change is made which involves the addition or deletion of 900 NXX codes to be routed to the customer. The charge is assessed per 900 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 900 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) to those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone company end office, but only on the customer's initial request to the Telephone Company for 900 Access Service in each state, LATA or access tandem. FEB 11 1995

ISSUE DATE: January 11, 1995 BY: John L. Roe FebruarsSHUH1995
Vice President - Carrier and Regulatory Service Commission Overland Park, Kansas 66211

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#### ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)

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- 6.7.1 Description and Application of Rates and Charges Decompt 3d 1993
  - (3) <u>Service rearrangements</u> (Cont'd) MISSOURI
    Public Service Commission
    - For all other changes, including the addition of, or modifications to, optional features without separate nonrecurring charges, a charge equal to one half the Local Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

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Service rearrangements to redirect traffic from direct routed to tandem routed for performance of the 800 data base query required for 800 Access Service, where the 800 query function is initially available only at the tandem, will be assessed the End Office to Tandem Rearrangement Charge set forth in Section 6.8.3 following. When the 800 data base query function becomes available for 800 Access Service at end offices subtending the tandem to which customers have redirected 800 traffic, customers will be allowed to rearrange 800 traffic from tandem routed to direct routed at no charge provided that the same customer premises is maintained.

(D) Application of Rates

Local Transport, Local Switching and the Information Surcharge rate are applied to all Feature Groups.

(1) AT&T Communications of the Southwest, Inc. (AT&T) subscribing to FGB:

Premium rates, including Local Switching LS2, apply to all FGB, FGC and FGD usage at an end office for AT&T subscribing to FGB and either FGC of FGD originating and/or terminating at those end offices. (M)

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ISSUE DATE: December 23, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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6.7 Rate Regulations (Cont'd)

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6.7.1 Description and Application of Rates and Charges (Cont'd)

D. Application of Rates (Cont'd)

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(3) AT&T Communications of the Southwest, Inc. (AT&T) subscribing to FGB:

Rates, including Local Switching apply to all FGB, FGC (T) and FGD usage at an end office for AT&T subscribing to FGB and either FGC or FGD originating and/or terminating at those end offices.

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ISSUED: November 3, 1993 BY: John L. Roe
Vice President - Administration
5454 West 110th Street
Overland Park, Kansas 66211

EFFECTIVE: November 7, 1993

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ACCESS SERVICE

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6. Switched Access Service (Cont'd)

> 6.7 Rate Regulations (Cont'd)

MISSOURI Public Service Commissio

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates

> The specific application of premium rates for a specific customer is dependent upon the Feature Group and the availability of equal access capabilities in the end office to which the service is provided.

The following rules provide the basis for applying the premium rates.

- (1) Premium rates apply to all FGC and FGD access minutes, to all FGA and FGB access minutes that originate from or terminate at end offices equipped with equal access (i.e., FGD) capabilities, and to all access minutes that originate or terminate at end offices not equipped with equal access capabilities when the service is provided to customers which furnish intrastate MTS/WATS.
- (2) When FGA or FGB Switched Access Service provided to an entry switch (i.e. dial tone office for FGA and access tandem for FGB) has usage originating from and/or terminating at both end offices that have been converted to equal access and end offices that have not been converted, the premium rates for Switched Access service including Carrier Common Line will apply.
- (3) AT&T Communications of the Southwest, Inc. (AT&T) subscribing to FGB:

Premium rates, including Local Switching - LS2, apply to all FGB, FGC and FGD usage at an end office for AT&T subscribing to FGB and either FGC or FGD originating and/or terminating at those end offices.

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BY Let R.S. #242 Public Service Commission MISSOURI

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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> NOV 7 1992

SPRINT MISSOURI, INC. d/b/a Sprint

Third Revised Page 242.1 Cancels Second Revised Page 242.1

#### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
      - (C) Nonrecurring Charges (Cont'd)
        - (5) Interim 500 Access Service

A nonrecurring charge as specified in 6.8.7 following applies each time a change is made which involves the addition or deletion of 500 NXX codes to be routed to the customer. The charge is assessed per 500 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 500 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) to those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company end office, but only on the customer's initial request to the Telephone Company for Interim 500 Access Service in **each LATA**, access tandem or end office.

(D) Application of Rates

Local Transport and Local Switching rates are applied to all Feature Groups and Interim 500 Access, TFC and 900 Access Services.

(T)

ISSUED: January 7, 2002

Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 SPRINT MISSOURI, INC. d/b/a Sprint

Second Revised Page 242.1 Cancels First Revised Page 242.1

## Misseuri Public Service Cemmission

**ACCESS SERVICE** 

Switched Access Service (Cont'd)

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- 6.7 Rate Regulations (Cont'd)
  - 6.7.1 Description and Application of Rates and Charges (Cont'd)
    - (C) Nonrecurring Charges (Cont'd)
      - (5) Interim 500 Access Service

A nonrecurring charge as specified in 6.8.7 following applies each time a change is made which involves the addition or deletion of 500 NXX codes to be routed to the customer. The charge is assessed per 500 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 500 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) to those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company end office, but only on the customer's initial request to the Telephone Company for Interim 500 Access Service in each state, LATA, access tandem or end office.

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- (D) Application of Rates
  - Local Transport and Local Switching rates are applied to all Feature Groups and Interim 500 Access, TFC and 900 Access Services.

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Public Service Commission
MISSOURI

ISSUED: November 29, 2000

Richard D. Lawson
State Executive, External Affairs
319 Madison
Jefferson City, MO 65101

EFFECTIVE:
December 29, 2000
Missouri Public
Service Commission

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#### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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6.7 <u>Rate Regulations</u> (Cont'd)

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6.7.1 Description and Application of Rates and Chair Estrong Commission

- (C) Nonrecurring Charges (Cont'd)
  - (5) Interim 500 Access Service

A nonrecurring charge as specified in 6.8.7 following applies each time a change is made which involves the addition or deletion of 500 NXX codes to be routed to the customer. The charge is assessed per 500 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 500 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) to those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company end office, but only on the customer's initial request to the Telephone Company for Interim 500 Access Service in each state, LATA or access tandem.

(D) Application of Rates

Local Transport, Local Switching and the Information Surcharge rates are applied to all Feature Groups and Interim 500 Access, TFC and 900 Access Services.

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Public Service Commission
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APR 29 1996

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ISSUED:

March 27, 1996

Vice President - Carrier and Regulatory Services
5454 West 110th Street

Overland Park, Kansas 66211

EFFECTIVE: April 29, 1996

#### ACCESS SERVICE

Switched Access Service (Cont'd)

**JAN 11 1995** 

6.7 Rate Regulations (Cont'd)

- MO. PUBLIC SERVICE COMM.
  6.7.1 Description and Application of Rates and Charges (Cont'd)
  - (C) Nonrecurring Charges (Cont'd)
    - (5) Interim 500 Access Service

A nonrecurring charge as specified in 6.8.7 following applies each time a change is made which involves the addition or deletion of 500 NXX codes to be routed to the customer. The charge is assessed per 500 NXX code added or deleted for each Telephone Company end office switch or access tandem in which translation changes are required. This charge applies to the initial loading of one or more 500 NXX codes required to establish service for the customer, and to any subsequent changes (i.e., additions or deletions) to those codes. There is also an Assembly of Route Pattern nonrecurring charge which applies once for each Telephone Company end office, but only on the customer's initial request to the Telephone Company for Interim 500 Access Service in each state, LATA or access tandem.

(D) Application of Rates

> Local Transport, Local Switching and the Information Surcharge rates are applied to all Feature Groups and Interim 500 Access, 800 and 900 Access Services.

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Public Service Commission

FFB 11 1995

MISSOURI Public Service Commission

ISSUE DATE: January 11, 1995

BY: John L. Roe February 11, 1995 Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

Third Revised Page 243 Cancels Second Revised Page 243

#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.1 <u>Description and Application of Rates and Charges</u> (Cont'd)
      - (D) Application of Rates (Cont'd)

The Telephone Company will provide written notification to all access customers of record within a particular local calling area that an end office in that local calling area is scheduled to be converted to an equal access end office. This notification will be sent, via certified U.S. Mail, to each customer of record in the local calling area where the conversion is scheduled to occur, at least six months in advance of the conversion date.

The customer will have the choice of converting existing services to equal access (i.e., Feature Group D) at no charge pursuant to the conditions set forth in 6.7.6 following, or retaining the existing services. Rates will apply to the total access minutes beginning on the actual conversion date, whether the customer chooses to convert to FGD or retain existing services.

#### 6.7.2 Minimum Period

Switched Access Service is provided for a minimum period of one month for Feature Groups A, B, C, Interim 500 Access Service, Toll Free Code (TFC) Access Service, and 900 Access Service, and three months for FGD.

#### 6.7.3 Reserved for Future Use

ISSUED: EFFECTIVE: March 27, 1996 April 29, 1996 Richard D. Lawson

State Executive, External Affairs

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Second Revised Page 243
Cancels First Revised Page 243

ACCESS SERVICE

JAN 11 1995

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)

## MO. PUBLIC SERVICE COMM.

- 6.7.1 Description and Application of Rates and Charges (Cont'd)
  - (D) Application of Rates (Cont'd)

The Telephone Company will provide written notification to all access customers of record within a particular local calling area that an end office in that local calling area is scheduled to be converted to an equal access end office. This notification will be sent, via certified U.S. Mail, to each customer of record in the local calling area where the conversion is scheduled to occur, at least six months in advance of the conversion date.

The customer will have the choice of converting existing services to equal access (i.e., Feature Group D) at no charge pursuant to the conditions set forth in 6.7.6 following, or retaining the existing services. Rates will apply to the total access minutes beginning on the actual conversion date, whether the customer chooses to convert to FGD or retain existing services.

#### 6.7.2 Minimum Period

Switched Access Service is provided for a minimum period of one month for Feature Groups A, B, C, Interim 500 Access Service, 800 Access Service, and 900 Access Service, and three months for FGD.

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6.7.3 Reserved for Future Use

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Public Service Commission
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ISSUE DATE: January 11, 1995 BY: John L. Roe Public Saw Coll Off Byssion

Vice President - Carrier and Regulatory Services

5454 West 110th Street

Overland Park, Kansas 66211

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### 6. Switched Access Service (Cont'd)

## 6.7 Rate Regulations (Cont'd)

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# 6.7.1 Description and Application of Rates and Charges (Cont'd)

#### (D) Application of Rates (Cont'd)

The Telephone Company will provide written notification to all access customers of record within a particular local calling area that an end office in that local calling area is scheduled to be converted to an equal access end office. This notification will be sent, via certified U.S. Mail, to each customer of record in the local calling area where the conversion is scheduled to occur, at least six months in advance of the conversion date.

The customer will have the choice of converting existing services to equal access (i.e., Feature Group D) at no charge pursuant to the conditions set forth in 6.7.6 following, or retaining the existing services. Rates will apply to the total access minutes beginning on the actual conversion date, whether the customer chooses to convert to FGD or retain existing services.

## 6.7.2 Minimum Period

Switched Access Service is provided for a minimum period of one month for Feature Groups A,B and C and three months for FGD.

6.7.3 Reserved for Future Use

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NOV 7 1393 937 - 1881 MO. PUBLIC SERVICE COMM.

ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: November 7, 1993

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6. <u>Switched Access Service</u> (Cont'd)

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- 6.7 Rate Regulations (Cont'd)
  - 6.7.1 Description and Application of Rates and Charges (Cont'd)
    - (D) Application of Rates (Cont'd)

The Telephone Company will provide written notification to all access customers of record within a particular local calling area that an end office in that local calling area is scheduled to be converted to an equal access end office. This notification will be sent, via certified U.S. Mail, to each customer of record in the local calling area where the conversion is scheduled to occur, at least six months in advance of the conversion date.

The customer will have the choice of converting existing services to equal access (i.e., Feature Group D) at no charge pursuant to the conditions set forth in 6.7.6 following, or retaining the existing services. Premium rates will apply to the total access minutes beginning on the actual conversion date, whether the customer chooses to convert to FGD or retain existing services.

## 6.7.2 Minimum Period

Switched Access Service is provided for a minimum period of one month for Feature Groups A,B and C and three months for FGD.

6.7.3 Reserved for Future Use

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Public Service Commission
MISSOURI

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MO. PUBLIC SERVICE COMM.

ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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Cancels First Revised Page 244

# **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.4 <u>Minimum Monthly Charge</u>

Switched Access Service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided. The minimum monthly charge consists of the following elements:

For usage rated Switched Access Services, the minimum monthly charge for the Local **Switching rate** elements is the sum of the charges set forth in 6.8.3(A), (B) and **(C) following** for the measured or assumed usage for the month.

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6. <u>Switched Access Service</u> (Cont'd)

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6.7 Rate Regulations (Cont'd)

# 6.7.4 Minimum Monthly Charge

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Switched Access Service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided. The minimum monthly charge consists of the following elements:

For usage rated Switched Access Services, the minimum monthly charge for the Local Switching and Information Surcharge rate elements is the sum of the charges set forth in 6.8.3 and 6.8.6 following for the measured or assumed usage for the month.

For the Local Transport rate element of usage rated Switched Access Services, the minimum monthly charge is assessed in terms of a Minimum Monthly Charge (MMUC). If the actual Local Transport usage charge for the month is higher than the MMUC, the customer pays the actual usage charge. If the Local Transport usage charge is lower than the MMUC, the customer pays the MMUC. The MMUC is determined as set forth in 6.7.5 following. Rates for actual usage are set forth in 6.8.2(A) following.

# 6.7.5 Minimum Monthly Usage Charge (MMUC)

The MMUC (the minimum transport charge) varies by capacity. This charge applies only to Switched Access Services that are charged for on a usage sensitive basis.

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NOV 7 1393 93 - 181 MO. PUBLIC SERVICE COMM.

ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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ACCESS SERVICE

#### 6. Switched Access Service (Cont'd)

#### Rate Regulations (Cont'd) 6.7

# 6.7.4 Minimum Monthly Charge

Switched Access Service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided. The minimum monthly charge consists of the following elements:

For usage rated Switched Access Services, the minimum monthly charge for the Local Switching, Line Termination, Intercept and Information Surcharge rate elements is the sum of the charges set forth in 6.8.3(A), (B) and (C) and 6.8.6 following for the measured or assumed usage for the month.

For the Local Transport rate element of usage rated Switched Access Services, the minimum monthly charge is assessed in terms of a Minimum Monthly Charge (MMUC). If the actual Local Transport usage charge for the month is higher than the MMUC, the customer pays the actual usage charge. If the Local Transport usage charge is lower than the MMUC, the customer pays the MMUC. The MMUC is determined as set forth in 6.7.5 following. Rates for actual usage are set forth in 6.8.2(A) following.

# 6.7.5 Minimum Monthly Usage Charge (MMUC)

The MMUC (the minimum transport charge) varies by capacity. This charge applies only to Switched Access Services that are charged for on a usage sensitive basis.

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# **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)

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ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 <u>Rate Regulations</u> (Cont'd)

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6.7.5 Minimum Monthly Usage Charge (MMUC) (Cont'd) FUBLIS CITTLE GUALT.

The MMUC is as follow:

	Minimum Transport Charge	Minimum Transport Charge
Mileage	for FGC and FGD	for FGA and FGB
Bands	per BHMC*	per Line or Trunk
0 - 4	\$0.50	\$0.50
Over 4 - 8	\$1.20	\$1.20
Over 8 -16	\$1.50	\$1.50
Over 16 - 25	\$1.80	\$1.80
Over 25 - 50	\$2.25	\$2.25
Over 50 - 100	\$3.08	\$3.08
Over 100 - 200	\$3.35	\$3.35
Over 200	ICB	ICB

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 <u>Rate Regulations</u> (Cont'd)

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# 6.7.5 Minimum Monthly Usage Charge (MMUC) (Cont'd)

The MMUC is as follow:

	Premium Minimum Transport Charge	Premium Minimum Transport Charge
Mileage	for FGC and FGD	for FGA and FGB
Bands_	per BHMC*	per Line or Trunk
0 - 4	\$0.50	\$0.50
Over 4 - 8	\$1.20	\$1.20
Over 8 -16	\$1.50	\$1.50
Over 16 - 25	\$1.80	\$1.80
Over 25 - 50	\$2.25	\$2.25
Over 50 - 100	\$3.08	\$3.08
Over 100 - 200	\$3.35	\$3.35
Over 200	ICB	ICB

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BY Jot R. S. #145
Public Service Commission
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**ACCESS SERVICE** 

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)

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ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.7 <u>Rate Regulations</u> (Cont'd)

# 6.7.5 Minimum Monthly Usage Charge (MMUC) Cont'd

The MMUC billed to the customer for Feature Group C and Feature Group D when ordered in BHMCs will be based on the total number of BHMCs (by type of BHMC) provided in or out of the end office (by Feature Group). For Feature Group D ordered on a per trunk basis, the MMUC will be billed to the customer based on an assumed 30 BHMCs per trunk. For usage rated Feature Group A, the MMUC will be billed to the customer at the line or hunt group level or other level of account based on an assumed 30 BHMCs per line. For usage rated Feature Group B, the MMUC will be billed to the customer based on as assumed 30 BHMCs per trunk, by entry switch.

The MMUC is not applied to Feature Group A or Feature Group B services when an assumed average number of access minutes is used for both originating and terminating usage because actual measurement capabilities do no exist. In these cases, the customer will always be billed for the assumed average number of access minutes.

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#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.6 Change of Feature Group Type
      Changes from one type of Feature Group to
      another will be treated as a discontinuance of
      one type of service and a start of another.
      Nonrecurring charges will apply, with two
      exceptions.
      - (1) When a customer upgrades a Feature Group A or B service to a Feature Group D service, or establishes, Feature Group D service in lieu of upgrading FGB service to FGD, in order to receive originating Toll Free Code (TFC) Access service, the nonrecurring charges will not apply if the following conditions are met:
        - (a) The same customer premises is maintained, and
        - (b) The orders for the disconnect of the FGA or FGB service and the start of FGD service are placed with the Telephone Company at the same time, and
        - (c) The customer requests the same effective date for both the disconnect of service and start of service orders, or
        - (d) The customer requests the FGA or FGB service be disconnected no more than 90 days after the start of the FGD service.
      - (2) When a FGC service is upgraded to a FGD service, the nonrecurring charge will not apply. Because FGC is no longer available in an end office once the end office is equipped with equal access capabilities, (i.e., FGD), such upgrades will be performed by the Telephone Company without the customer being required to place an order for the change.

ISSUED: EFFECTIVE: March 27, 1996 April 29, 1996 Richard D. Lawson

State Executive, External Affairs

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ACCESS SERVICE

6. Switched Access Service (Cont'd) SEP 17 1992

6.7 Rate Regulations (Cont'd) III. TELLIGETELIGESIA.

# 6.7.6 Change of Feature Group Type

Changes from one type of Feature Group to another will be treated as a discontinuance of one type of service and a start of another. Nonrecurring charges will apply, with two exceptions.

- (1) When a customer upgrades a Feature Group A or B service to a Feature Group D service, or establishes, Feature Group D service in lieu of upgrading FGB service to FGD, in order to receive originating 800 Access service, the nonrecurring charges will not apply if the following conditions are met:
  - The same customer premises is maintained, and (a)
  - (b) The orders for the disconnect of the FGA or FGB service and the start of FGD service are placed with the Telephone Company at the same time, and
  - (c) The customer requests the same effective date for both the disconnect of service and start of service orders,
  - The customer requests the FGA or FGB service be (d) disconnected no more than 90 days after the start of the FGD service.

APR 29 1995

BY Let R. 5# 24

Public Service Commission

(2) When a FGC service is upgraded to a FGD service, the nonrecurring charge will not apply. Because FGC is no longer available in an end office once the end office is equipped with equal access capabilities, (i.e., FGD), such upgrades will be performed by the Telephone Company without the customer being required to proce an order for the change.

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: "CCCOPOT TO LONG. NOV 7 1992

# ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.6 Change of Feature Group Type (Cont'd)

When the effective dates for the disconnect and start of service are the same, minimum period obligations will not change, (i.e., the time elapsed in the existing minimum period obligations will be credited to the minimum period obligations for FGD). When the effective dates for the disconnect and start of service are different, new minimum period obligations will be established for the FGD service. For all other changes from one type of Feature Group to another, new minimum period obligations will also be established.

ISSUED: EFFECTIVE: September 17, 1992 November 7, 1992 Richard D. Lawson

September 17, 1992 State Executive, External Affairs

# ACCESS SERVICE

# 6. <u>Switched Access Service</u> (Cont'd)

# 6.7 Rate Regulations (Cont'd)

## 6.7.7 Moves

A move involves a change in the physical location of one of the following:

- The point of termination at the customer's premises
- The customer's premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

# (A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the capacity affected. There will be no change in the minimum period requirements.

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September 17, 1992 State Executive, External Affairs

First Revised Page 250 Cancels Original Page 250

### ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.7 Moves (Cont'd)
      - (B) Moves to a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new service. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

# 6.7.8 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Telephone Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Telephone Company to determine the basis for computing chargeable access minutes. For terminating calls over FGA and FGB, FGC to TFC, and FGD, and for originating calls over FGB and FGD, the measured minutes are the chargeable access minutes. For originating calls over FGA and FGC, chargeable originating access minutes are derived from measured access minutes and through the use of Telephone Company factors. Chargeable access minutes are derived on an individual entity basis from measured terminating access minutes through application of a factor based on the Centralized Message Data System (CMDS) Report 809 Out + In/Out ratio minus 1.

When assumed minutes are used, the assumed minutes are the chargeable access minutes.

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State Executive, External Affairs

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ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

SEP 17 1992

6.7 <u>Rate Regulations</u> (Cont'd)

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6.7.7 Moves (Cont'd)

(B) Moves to a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new service. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

## 6.7.8 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Telephone Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Telephone Company to determine the basis for computing chargeable access minutes. For terminating calls over FGA and FGB, FGC to 800, and FGD, and for originating calls over FGB and FGD, the measured minutes are the chargeable access minutes. For originating calls over FGA and FGC, chargeable originating access minutes are derived from measured access minutes and through the use of Telephone Company factors. Chargeable access minutes are derived on an individual entity basis from measured terminating access minutes through application of a factor based on the Centralized Message Data System (CMDS) Report 809 Out + In/Out ratio minus 1.

When assumed minutes are used, the assumed minutes are the chargeable access minutes.

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BY Jot R.S. \$250

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

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#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.8 Measuring Access Minutes (Cont'd)
      Usage rated FGA access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each line or hunt group, and are then rounded up to the nearest access minute for each line or hunt group. Usage rated FGB, FGC and FGD access minutes or fractions thereof, the exact value of the fraction being a function

Assumed minutes are used for FGA and FGB services which originate or terminate in end offices not equipped with measurement capabilities.

of the switch technology where the measurement is made, are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office.

Where originating and/or terminating recording capability does not exist for FGA, the number of access minutes will be assumed to be 3080 access minutes per line if the line is arranged for two way calling, 1629 access minutes per line if the line is arranged for originating only calling, and 1451 access minutes per line if the line is arranged for termination only calling. When the line is arranged for two way calling and there is no recording capability for either direction , 1629 access minutes will be assumed to originating and 1451 access minutes will be assumed to be terminating. Where recording capability exists for either originating or terminating usage, but not both, on a line arranged for two way calling, the number of access minutes per line will be an assumed 3080 or the recorded usage, whichever is greater. the usage in the measured direction exceeds 3080 access minutes, it will be assumed that there is zero usage in the unmeasured direction. measured usage is less than 3080 access minutes, the usage in the unmeasured direction will be assumed to be 3080 access minutes minus the measured usage (e.g., 3080-2000 measured = 1080 assumed in the unmeasured direction).

ISSUED: EFFECTIVE: September 17, 1992 November 7, 1992 Richard D. Lawson

# ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.8 Measuring Access Minutes (Cont'd)

Where originating and/or terminating recording capability does not exist for FGB provided to an entry switch, the number of access minutes will be assumed to be 9000 access minutes per trunk if the trunk is arranged for two way calling, and 4500 access minutes per trunk if the trunk is arranged for one way calling. When the trunk is arranged for one way calling and there is no recording capability for either direction, 4500 access minutes will be assumed to be originating and 4500 access minutes will be assumed to terminating. Where recording capability exists for either originating or terminating usage, but not both, on a trunk arranged for two way calling, the number of access minutes per trunk will be an assumed 9000 or the recorded usage, whichever is greater. If the usage in the measured direction exceeds 9000 access minutes, it will be assumed that there is zero usage in the unmeasured direction. If the measured usage is less than 9000 access minutes, the usage in the unmeasured direction will be assumed to be 9000 access minutes minus the measured usage 9000 - 6000 measured = 3000 assumed in unmeasured direction).

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September 17, 1992 State Executive, External Affairs

# ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.8 Measuring Access Minutes (Cont'd)
      - (A) Feature Group A Usage Measurement

For originating calls over FGA, usage measurement begins when the originating FGA entry switch receives an off-hook supervisory signal forwarded from the customer's point of termination.

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#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.8 Measuring Access Minutes (Cont'd)
      - (A) Feature Group A Usage Measurement (Cont'd)
        The measurement of originating call usage
        over FGA ends when the originating FGA entry
        switch receives an on-hook supervisory
        signal from either the originating end
        user's end office, indicating the
        originating end user has disconnected, or
        the customer's point of termination,
        whichever is recognized first by the entry
        switch.

For terminating calls over FGA, usage measurement begins when the terminating FGA entry switch receives an off-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has answered. The measurement of terminating call usage over FGA ends when the terminating FGA entry switch receives an on-hook supervisory signal 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 entry switch.

(B) Feature Group B Usage Measurement
For originating calls over FGB, usage
measurement begins when the originating FGB
entry switch receives answer supervision
forwarded from the customer's point of
termination, indicating the customer's
equipment has answered.

The measurement of originating call usage over FGB ends when the originating FGB entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

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# ACCESS SERVICE

- 6. Switched Access Servce (Cont'd)
  - Rate Regulations (Cont'd)
    6.7.8 Measuring Access Minutes (Cont'd)
    - (B) Feature Group B Usage Measurement (Cont'd) For terminating calls over FGB, usage measurement begins when the terminating FGB entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGB ends when the terminating FGB entry switch 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 entry switch.

(C) Feature Group C Usage Measurement For originating calls over FGC, usage measurement begins when the originating FGC entry switch receives answer supervision from the customer's point of termination, indicating that the called party has answered.

The measurement of originating call usage over FGC ends when the originating FGC entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGC to services other than TFC, 900 or Directory Assistance, terminating FGC usage may not be directly measured at the terminating entry switch, but may be imputed from originating usage, excluding usage from calls to TFC, 900 or Directory Assistance Services. Actual measured usage will be used where available rather than an imputed value.

For terminating calls over FGC to TFC Service, usage measurement begins when the terminating FGC entry switch receives answer (T) supervision from the terminating end user's end office, indicating the terminating TFC Service end user has answered.

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ACCESS SERVICE

#### 6. Switched Access Service (Cont'd)

#### 6.7 Rate Regulations (Cont'd)

# 6.7.8 Measuring Access Minutes (Cont'd)

#### (B) Feature Group B Usage Measurement (Cont'd)

For terminating calls over FGB, usage measurement begins when the terminating FGB entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGB ends when the terminating FGB entry switch receives disconnect supervision from either the terminating end user; office, indicating the terminating end usem 1 disconnected, or the customer's point of termination, whichever is recognized first by the entry switch. APR 2 9 1996

#### (C) Feature Group C Usage Measurement

For originating calls over FGC, usage measurement the commission when the originating FGC entry switch receives the called party become indicating that the called party becomes a control of the called party becomes a called party becomes a called party becomes a control of the called party becomes a ca

The measurement of originating call usage over FGC ends when the originating FGC entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

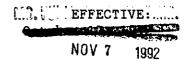
For terminating calls over FGC to services other than 800, 900 or Directory Assistance, terminating FGC usage may not be directly measured at the terminating entry switch, but may be imputed from originating usage, excluding usage from calls to 800, 900 or Directory Assistance Services. Actual measured usage will be used where available rather than an imputed value.

For terminating calls over FGC to 800 Service, usage measurement begins when the terminating FGC entry switch receives answer supervision from the terminating end user's end office, indicating the terminating 800 Service end user has answered.

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BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211



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ACCESS SERVICE

6. Switched Access Service (Cont'd) 6.7 Rate Regulations (Cont'd)

6.7.8 Measuring Access Minutes (Cont'd)

- (C) Feature Group C Usage Measurement (Cont'd)
  The measurement of terminating call usage
  over FGC to TFC Service ends when the
  terminating FGC entry switch receives an onhook supervisory signal from the terminating
  end user's end office, indicating the
  terminating TFC Service end user has
  disconnected, or from the customer's point
  of termination, whichever is recognized
  first by the entry switch.
- (D) Feature Group D Usage Measurement
  For originating calls over FGD, usage
  measurement begins when the originating FGD
  entry switch receives the first wink
  supervisory signal forwarded from the
  customer's point of termination.

The measurement of originating call usage over FGD ends when the originating FGD entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGD, the measurement of access minutes begins when the terminating FGD entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGD ends when the terminating FGD entry switch 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 entry switch.

(E) Toll Free Code (TFC) Access Service Usage Measurement

Usage measurement from non-equal access and equal access end offices without the customer identifica-tion function begins when the originating end office switch receives off-hook supervision forwarded from the customer's point of termination, indicating the transmitted digits have been received, except for FGC as stated following.

Usage measurement for FGC begins when the originating end office receives off-hook answer supervision

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#### ACCESS SERVICE

6 Switched Access Service (Cont'd) JAN 11 1995

- Rate Regulations (Cont'd)
  - 6.7.8 Measuring Access Minutes (Cont'd)

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(C) Feature Group C Usage Measurement (Cont'd)

> The measurement of terminating call usage over FGC to 800 Service ends when the terminating FGC entry switch receives an on-hook supervisory signal from the terminating end user's end office, indicating the terminating 800 Service end user has disconnected from the customer's point of termination, whichever is recognized first by the entry switch.

(D) Feature Group D Usage Measurement

APR 29 1996 For originating calls over FGD, usage measurement R 5 256 begins when the originating FGD entry switch receives mission the first wink supervisory signal forwarded requirements customer's point of termination.

The measurement of originating call usage over FGD ends when the originating FGD entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGD, the measurement of access minutes begins when the terminating FGD entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGD ends when the terminating FGD entry switch 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 entry switch.

(E) 800 Access Service Usage Measurement

> Usage measurement from non-equal access and equal access end offices without the customer identification function begins when the originating end office switch receives off-hook supervision forwarded from the customer's point of termination, indicating the transmitted digits have been received, except for FGC as stated following.

> Usage measurement for FGC begins when the originating end office receives off-hook answer supervision

> > FEB 11 1995

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6. <u>Switched Access Service</u> (Cont'd) SEP 17 1992

6.7 Rate Regulations (Cont'd)

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- 6.7.8 Measuring Access Minutes (Cont'd)
  - (C) Feature Group C Usage Measurement (Cont'd)

The measurement of terminating call usage over FGC to 800 Service ends when the terminating FGC entry switch receives an on-hook supervisory signal from the terminating end user's end office, indicating the terminating 800 Service end user has disconnected, or from the customer's point of termination, whichever is recognized first by the entry switch.

#### (D) Feature Group D Usage Measurement

For originating calls over FGD, usage measurement begins when the originating FGD entry switch receives the first wink supervisory signal forwarded from the customer's point of termination.

The measurement of originating call usage over FGD ends when the originating FGD entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGD, the measurement of access minutes begins when the terminating FGD entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGD ends when the terminating FGD entry switch 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 entry switch.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

Rate Regulations (Cont'd)
6.7.8 Measuring Access Minutes (Cont'd)
(E) TFC Access Service Usage Measurement (Cont'd)

forwarded from the customer's point of termination, indicating the called party has answered.

(T)

Usage measurement from equal access end offices with the customer identification function begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination.

In all cases, usage measurement ends when the originating end office receives on-hook disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, which ever is recognized first by the end office.

(F) 900 Access Service Usage Measurement Usage measurement from non-equal access and equal access end offices without the customer identifica-tion function begins when the originating end office switch receives off-hook supervision forwarded from the customer's point of termination, indicating the transmitted digits have been received, except for FGC as stated following.

Usage measurement for FGC begins when the originating end office receives off-hook answer supervision forwarded from the customer's point of termination, indicating the called party has answered.

Usage measurement from equal access end offices with the customer identification function begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination.

In all cases, usage measurement ends when the originating end office receives on-hook disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, which ever is recognized first by the end office.

(G) Interim 500 Access Service Usage Measurement Usage measurement from non-equal access and

equal access end offices without the customer identifica-tion function begins when the originating end office switch receives off-hook supervision forwarded from the customer's point of termination, indicating the

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#### 6. Switched Access Service (Cont'd)

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# Rate Regulations (Cont'd)

## 6.7.8 Measuring Access Minutes (Cont'd)

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#### (E) 800 Access Service Usage Measurement (Cont'd)

forwarded from the customer's point of termination, indicating the called party has answered.

Usage measurement from equal access end offices with the customer identification function begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination.

In all cases, usage measurement ends when the originating end office receives on-hook disconnection supervision from either the originating end office, indicating the originating end user has disconnected, or the customer's point of termination, which ever is recognized first by the end office 2 9 1996

#### (F) 900 Access Service Usage Measurement

Usage measurement from non-equal access and state Commission access end offices without the customerping Series in function begins when the originating end office Mission receives off-hook supervision forwarded from the customer's point of termination, indicating the transmitted digits have been received, except for FGC as stated following.

Usage measurement for FGC begins when the originating end office receives off-hook answer supervision forwarded from the customer's point of termination, indicating the called party has answered.

Usage measurement from equal access end offices with the customer identification function begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination.

In all cases, usage measurement ends when the originating end office receives on-hook disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, which ever is recognized first by the end office.

(G) Interim 500 Access Service Usage Measurements

> Usage measurement from non-equal access and equ access end offices without the customer identification function begins when the originating end office switch receives off-hook supervision forwarded from EDe 1 1 1995 customer's point of termination, indicating the

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BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

# ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.8 Measuring Access Minutes (Cont'd)
      - (G) <u>Interim 500 Access Service Usage Measurement</u> (Cont'd)

transmitted digits have been received, except for FGC as stated following.

Usage measurement for FGC begins when the originating end office receives off-hook answer supervision forwarded from the customer's point of termination, indicating the called party has answered.

Usage measurement from equal access end offices with the customer identification function begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination.

In all cases, usage measurement ends when the originating end office receives on-hook disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, which ever is recognized first by the end office.

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## **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.9 Network Blocking Charge for Feature Group D

The customer will be notified by the Telephone Company to increase its *capacity when* excessive trunk group blocking occurs on groups carrying Feature Group D traffic. Excessive trunk group blocking occurs when the blocking thresholds as described in 6.5.7 preceding are exceeded. If the order for sufficient additional capacity to handle the customers' traffic has not been received by the Telephone Company within 15 days of the notification, the Telephone Company will bill the customer, at the rate set forth in 6.8.2(C) following, for each overflow in excess of the chargeable threshold.

# **Chargeable Thresholds**

# For Trunk Groups As Specified in 6.5.7(D)(1)

Trunk Group Size	Allowable Overflows <u>Per Trunk Per Month</u>	
1-2	18	
3-4	19	
5-6	13	(Z)
7-40	10	,
4 <b>1</b> -139	9	
140-500	8	
501 or greater	7	

# For Trunk Groups As Specified in 6.5.7(D)(2)

Allowable Overflows  Per Trunk Per Month		
10		
8		
6		
5		

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#### ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

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6.7 <u>Rate Regulations</u> (Cont'd)

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# 6.7.9 Network Blocking Charge for Feature Group D

The customer will be notified by the Telephone Company to increase its capacity (busy hour minutes of capacity or quantities of trunks) when excessive trunk group blocking occurs on groups carrying Feature Group D traffic. Excessive trunk group blocking occurs when the blocking thresholds as described in 6.5.7 preceding are exceeded. If the order for sufficient additional capacity to handle the customers' traffic has not been received by the Telephone Company within 15 days of the notification, the Telephone Company will bill the customer, at the rate set forth in 6.8.2(C) following, for each overflow in excess of the chargeable threshold.

# Chargeable Thresholds

For Trunk Groups As Specified in 6.5.7(D)(1)

Trunk Group Size	Allowable Overflows Per Trunk Per Month
1-2	18
3-4	19
5-6	13
7-40	10
40-139	9
140-500	8
501 or greater	7

For Trunk Groups As Specified in 6.5.7(D)(2)

Trunk Group Size		owable Trunk	
1-4		10	
5-6		8	
7-125		6	
126 or greater	CANCELLED	5	

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### ACCESS SERVICE

# 6. Switched Access Service (Cont'd)

# 6.7 Rate Regulations (Cont'd)

# 6.7.10 Application of Rates for Extension Service

Feature Group A Switched Access Service is available with extensions, i.e., additional terminations of the service at different building(s) in the same or a different exchange. Feature Group A extensions within the same exchange are charged for under the Telephone Company's local and/or general exchange service tariffs. Feature Group A extensions in different exchanges are charged for as Special (T) Access Service. The rate elements which apply are: A Voice Grade Channel Termination Channel Mileage, if applicable and a Signaling (C) Capability if applicable. All appropriate (C) monthly rates and nonrecurring charges set forth in 7.5.3 following will apply. Such extensions are ordered as set forth in 5.2 preceding.

# 6.7.11 Message Unit Credit

Calls from end users to the seven digit local telephone numbers associated with Feature Groups A Switched Access Service will not be charged, therefore, a message unit credit will not be applicable.

# 6.7.12Local Information Delivery Services

Calls over Switched Access in the terminating direction to certain community information services will be rated under the applicable rates for Switched Access Service as set forth in 6.8 following. In addition, the charges per call as specified under the Telephone Company's local and/or general exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, will also apply.

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#### ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

6.7 <u>Rate Regulations</u> (Cont'd)

# 6.7.10 Application of Rates for Extension Service

Feature Group A Switched Access Service is available with extensions, i.e., additional terminations of the service at different building(s) in the same or a different exchange. Feature Group A extensions within the same exchange are charged for under the Telephone Company's local and/or general exchange service tariffs. Feature Group A extensions in different exchanges are charged for as Special Access Service. The rate elements which apply are: A Voice Grade Service Termination Channel Mileage, if applicable and a Signaling Capability if applicable. All appropriate monthly rates and nonrecurring charges set forth in 7.5.3 following will apply. In addition, an Inside Wire Recovery Charge as set forth in 7.4.9 following may also be applicable. Such extensions are ordered as set forth in 5.2 preceding.

# 6.7.11 Message Unit Credit

Calls from end users to the seven digit local telephone numbers associated with Feature Groups A Switched Access Service will not be charged, therefore, a message unit credit will not be applicable.

# 6.7.12 Local Information Delivery Services

Calls over Switched Access in the terminating direction to certain community information services will be rated under the applicable rates for Switched Access Service as set forth in 6.8 following. In addition, the charges per call as specified under the Telephone Company's local and/or general exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, will also apply.

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.13 Mileage Measurement

The mileage to be used to determine the monthly rate for Local Transport of usage rated Feature Group A, B, C and D services is calculated based on the airline distance between the end office switch where the call carried by Local Transport originates or terminates and the customer's serving wire center, except as set forth in (A) through (E) following. The V&H coordinates method is used to determine mileage. This method is set forth in the National Exchange Carrier Association, *Inc.* Tariff for Wire Center Information (V&H coordinates (1)).

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Mileage is shown in 6.8.2 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H (1) coordinates method, then find the band into which the computed mileage falls and apply the rate shown for that band. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

Exceptions to the mileage measurement rules are as follows:

- (A) Mileage for access minutes in the originating direction over Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H (1) coordinates method, between the end office switch where the Feature Group A switching dial tone is provided and the customer's serving wire center for the Switched Access Service provided.
- (1) For intraLATA Local Exchange Carrier to Local Exchange Carrier Traffic, percentages of ownership will be determined by the V & H coordinates located in the Missouri Intrastate IntraLATA Compensation Plan Database.

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State Executive, External Affairs
319 Madison
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EFFECTIVE: February 15, 2002

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- Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)

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# 6.7.13 Mileage Measurement

The mileage to be used to determine the monthly rate for Local Transport of usage rated Feature Group A, B, C and D services is calculated based on the airline distance between the end office switch where the call carried by Local Transport originates or terminates and the customer's serving wire center, except as set forth in (A) through (E) following. The V&H coordinates method is used to determine mileage. This method is set forth in the National Exchange Carrier Association Tariff for Wire Center Information (V&H coordinates (1)).

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Mileage is shown in 6.8.2 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H (1) coordinates method, then find the band into which the computed mileage falls and apply the rate shown for that band. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

Exceptions to the mileage measurement rules are as follows:

- (A) Mileage for access minutes in the originating direction over Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H (1) coordinates method, between the end office switch where the Feature Group A switching dial tone is provided and the customer's serving wire center for the Switched Access Service provided.
- For intraLATA Local Exchange Carrier to Local Exchange Carrier Traffic, percentages of ownership will be determined by the V & H coordinates located in the Missouri Intrastate IntraLATA Compensation Plan Database.

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6. Switched Access Service (Cont'd)

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6.7 Rate Regulations (Cont'd)

## 6.7.13 <u>Mileage Measurement</u>

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The mileage to be used to determine the monthly rate for Local Transport of usage rated Feature Group A, B, C and D services is calculated based on the airline distance between the end office switch where the call carried by Local Transport originates or terminates and the customer's serving wire center, except as set forth in (A) through (E) following. The V&H coordinates method is used to determine mileage. This method is set forth in the Exchange Carrier Association Tariff for Wire Center Information (V&H coordinates (1)).

Mileage is shown in 6.8.2 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H (1) coordinates method, then find the band into which the computed mileage falls and apply the rate shown for that band. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

Exceptions to the mileage measurement rules are as follows:

- (A) Mileage for access minutes in the originating direction over Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H (1) coordinates method, between the end office switch where the Feature Group A switching dial tone is provided and the customer's serving wire center for the Switched Access Service provided.
- (1) For intraLATA Local Exchange Carrier to Local Exchange Carrier Traffic, percentages of ownership will be determined by the V & H coordinates located in the Missouri PTC Plan IntraLATA Database.

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ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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#### ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)

## 6.7.13 Mileage Measurement

The mileage to be used to determine the monthly rate for Local Transport of usage rated Feature Group A, B, C and D services is calculated based on the airline distance between the end office switch where the call carried by Local Transport originates or terminates and the customer's serving wire center, except as set forth in (A) through (E) following. The V&H coordinates method is used to determine mileage. This method is set forth in the Exchange Carrier Association Tariff for Wire Center Information (V&H coordinates (1)).

Mileage is shown in 6.8.2 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H (1) coordinates method, then find the band into which the computed mileage falls and apply the rate shown for that band. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

Exceptions to the mileage measurement rules are as follows:

- (A) Mileage for premium rated access minutes in the originating direction over Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H (1) coordinates method, between the end office switch where the Feature Group A switching dial tone is provided and the customer's serving wire center for the Switched Access Service provided.
- (1) For intraLATA Local Exchange Carrier to Local Exchange Carrier Traffic, percentages of ownership will be determined by the V & H coordinates located in the Missouri PTC Plan IntraLATA Database.

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: OCCUPATION OF THE PROPERTY OF NOV 7 1992

First Revised Page 260 Cancels Original Page 260

#### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.13 Mileage Measurement (Cont'd)
    - (B) When a non AT&T customer's premises is within five miles of an AT&T Class 4 office, the Local Transport mileage for a call which is carried over Switched Access Service, originating or terminating through an end office switch, shall be the distance as would be determined from that end office switch to the serving wire center for that AT&T Class 4 office unless the customer specifies that for an entire exchange, it wants all measurements determined from its serving wire center. This designation (i.e., which serving wire center to use in calculating mileage) may be changed only once in any 12 month period. Such change will be made without charge(s) to the customer.
    - (C) When the Alternate Traffic Routing optional feature is provided with Feature Groups B, C and D to provide service from an end office to different customer premises locations, usage rated Local Transport access minutes will be apportioned between the two transmission routes used to provide this feature. For Feature Groups B and C, such apportionment will be made using standard Telephone Company traffic engineering methodology and will be based on the last trunk CCS desired for the high usage group, as described in 6.3.1(0) preceding, and the relative capacity ordered to the end office, when the feature is provided at an end office switch, or to the subtending end offices when the feature is provided at an access tandem switch. For Feature Group D, the apportionment will be based on the actual measured data which is recorded against the specific trunk group that carried a particular call. apportionment will serve as the basis for the Local Transport mileage calculation. customer will be billed accordingly. withstanding the preceding apportionment regulations, Local Exchange Carriers participating in the Primary Carrier by Toll Center Plan who have traffic carried over alternate routes in overflow or emergency situations, will have that traffic rated and compensated for if the primary route was used.

ISSUED: EFFECTIVE:

November 3, 1993 November 7, 1993

State Executive, External Affairs

Richard D. Lawson

Original Page 260

### ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

SEP 17 1992

6.7 <u>Rate Regulations</u> (Cont'd)

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- 6.7.13 <u>Mileage Measurement</u> (Cont'd)
  - (B) When a non AT&T customer's premises is within five miles of an AT&T Class 4 office, the Local Transport mileage for a call which is carried over a premium rated Switched Access Service, originating or terminating through an end office switch, shall be the distance as would be determined from that end office switch to the serving wire center for that AT&T Class 4 office unless the customer specifies that for an entire exchange, it wants all measurements determined from its serving wire center. This designation (i.e., which serving wire center to use in calculating mileage) may be changed only once in any 12 month period. Such change will be made without charge(s) to the customer.
  - (C) When the Alternate Traffic Routing optional feature is provided with Feature Groups B, C and D to provide service from an end office to different customer premises locations, usage rated Local Transport access minutes will be apportioned between the two transmission routes used to provide this feature. For Feature Groups B and C, such apportionment will be made using standard Telephone Company traffic engineering methodology and will be based on the last trunk CCS desired for the high usage group, as described in 6.3.1(0) preceding, and the relative capacity ordered to the end office, when the feature is provided at an end office switch, or to the subtending end offices when the feature is provided at an access tandem switch. For Feature Group D, the apportionment will be based on the actual measured data which is recorded against the specific trunk group that carried a particular call. This apportionment will serve as the basis for the Local Transport mileage calculation. The customer will be billed accordingly. Not withstanding the preceding apportionment regulations, Local Exchange Carriers participating in the Primary Carrier by Toll Center Plan who have traffic carried over alternate routes in overflow or emergency situations, will have that traffic rated and compensated for if the primary route was used.

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ISSUED: September 17, 1992

Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

NOV 7 1992

Second Revised Page 261

Cancels First Revised Page 261

### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.13 <u>Mileage Measurement</u> (Cont'd)
      - (D) Local Transport mileage for access minutes originating from or terminating at a remote switching system or module (RSS or RSM) will be calculated on an airline mile basis between the customer's serving wire center and the end office switch that serves as the host office for the RSS or RSM.
      - (E) When terminating Feature Group C Switched Access Service is provided from multiple customer premises to an end office not equipped with measurement capabilities, the total Local Transport access minutes for that end office will be apportioned among the trunk groups accessing the end office on the *basis of* capacity ordered for *each FGC* trunk group. This apportionment will serve as the basis for Local Transport mileage calculation and the customer will be billed accordingly.

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ACCESS SERVICE

First Revised Page 261 Cancels Original Page 261 السلواء بأساها المحديدانا

Switched Access Service (Cont'd)

NOV 2 1993

6.7 Rate Regulations (Cont'd)

6.7.13 <u>Mileage Measurement</u> (Cont'd)

MO. PUBLIC SETTICE CUMITA.

- (D) Local Transport mileage for access minutes originating from or terminating at a remote switching system or module (RSS or RSM) will be calculated on an airline mile basis between the customer's serving wire center and the end office switch that serves as the host office for the RSS or RSM.
- (E) When terminating Feature Group C Switched Access Service is provided from multiple customer premises to an end office not equipped with measurement capabilities, the total Local Transport access minutes for that end office will be apportioned among the trunk groups accessing the end office on the basis of the individual busy hour minutes of capacity ordered for each of those trunk groups. This apportionment will serve as the basis for Local Transport mileage calculation and the customer will be billed accordingly.

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ISSUED: November 3, 1993

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE:

November 7, 1993

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ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

6.7 <u>Rate Regulations</u> (Cont'd)

6.7.13 Mileage Measurement (Cont'd)

- (D) Local Transport mileage for premium rated access minutes originating from or terminating at a remote switching system or module (RSS or RSM) will be calculated on an airline mile basis between the customer's serving wire center and the end office switch that serves as the host office for the RSS or RSM.
- (E) When terminating Feature Group C Switched Access Service is provided from multiple customer premises to an end office not equipped with measurement capabilities, the total Local Transport access minutes for that end office will be apportioned among the trunk groups accessing the end office on the basis of the individual busy hour minutes of capacity ordered for each of those trunk groups. This apportionment will serve as the basis for Local Transport mileage calculation and the customer will be billed accordingly.

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ISSUED: September 17, 1992 BY: John L. Roe
Vice President - Administration
5454 West 110th Street
Overland Park, Kansas 66211

NOV 7 1992

Third Revised Page 262 Cancels Second Revised Page 262

### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.7 Rate Regulations (Cont'd)
    - 6.7.13 Mileage Measurement (Cont'd)
      - (F) When FGA calls terminate within the local calling area of the dial tone office, the Local Transport mileage will be calculated on an airline basis between the customer's serving wire center and the end office where the call terminates.
      - (G) Switched transport mileage for Interim 500, TFC and 900 Access Service is based on the airline distance between the end office switch where the Interim 500, TFC or 900 Access Service traffic originates and the customer's serving wire center.

### 6.7.14 Shared Use

Shared use occurs when Switched Access Service and Special Access Service are provided over the same analog or digital high capacity facility through a common interface. The regulations governing the provision of Shared Use Facilities are set forth in 7.4.8 following. Switched Access rates and charges as set forth in 6.8 following will apply for each channel of the high capacity facility that is used to provide Switched Access Service.

### 6.7.15 Reserved For Future Use

### 6.7.16 Interim 500 or 900 NXX in Multi-State LATAs

For customers ordering LATA-wide Interim 500 Access Service or 900 Access Service in LATAs that cross state boundaries but are served by the same screening office, the applicable nonrecurring charge for that screening office, as set forth in 6.8.5 and 6.8.7 following, will not be billed twice (i.e., once for each state); they will only be billed once for each NXX code activated or deactivated in that screening office.





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### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

MAR 27 1996

### 6.7 <u>Rate Regulations</u> (Cont'd)

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## MISSOURI Public Service Commission

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### 6.7.13 <u>Mileage Measurement</u> (Cont'd)

- (F) When FGA calls terminate within the local calling area of the dial tone office, the Local Transport mileage will be calculated on an airline basis between the customer's serving wire center and the end office where the call terminates.
- (G) Switched transport mileage for Interim 500, TFC and 900 Access Service is based on the airline distance between the end office switch where the Interim 500, TFC or 900 Access Service traffic originates and the customer's serving wire center.

### 6.7.14 Shared Use

Shared use occurs when Switched Access Service and Special Access Service are provided over the same analog or digital high capacity facility through a common interface. The regulations governing the provision of Shared Use Facilities are set forth in 7.4.8 following. Switched Access rates and charges as set forth in 6.8 following will apply for each channel of the high capacity facility that is used to provide Switched Access Service.

### 6.7.15 <u>Information Surcharge</u>

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Public Service Commission
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The Information Surcharge is a charge to recover costs that have been assigned to the intrastate Information category through Parts 67 and 69 of the Commission's Rules. These costs are other than those incurred in the provision of intrastate Directory Assistance Service as set forth in 9. following.

The Information Surcharge is assessed to the customer based on the total number of access minutes, lines or trunks. The rates are set forth in 6.8.6 following. The application of these rates with respect to the individual Feature Groups is as set forth in 6.7.1(D) preceding.

### 6.7.16 Interim 500 or 900 NXX in Multi-State LATAs

For customers ordering LATA-wide Interim 500 Access Service or 900 Access Service in LATAs that cross state boundaries but are served by the same screening office, the applicable nonrecurring charge for that screening office, as set forth in 6.8.5 and 6.8.7 following, will not be billed twice (i.e., once for each state); they will only be billed once for each NXX code activated or deactivated in that screening office.

APR 29 1996

MC. PUDLIC SERVICE COMM

ISSUED:

27, 1996 BY: John L. Roe
Vice President - Carrier and Regulatory Services
5454 West 110th Street

5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE: April 29, 1996

First Revised Page 262 Cancels Original Page 262

## RECEIVED

### ACCESS SERVICE

6. Switched Access Service (Cont'd) MAR 11 1995

- 6.7 Rate Regulations (Cont'd)
  - 6.7.13 <u>Mileage Measurement</u> (Cont'd)

## MO. PUBLIC SERVICE COMM.

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- (F) When FGA calls terminate within the local calling area of the dial tone office, the Local Transport mileage will be calculated on an airline basis between the customer's serving wire center and the end office where the call terminates.
- (G) Switched transport mileage for Interim 500, 800 and 900 Access Service is based on the airline distance between the end office switch where the Interim 500, 800 or 900 Access Service traffic originates and the customer's serving wire center.

### 6.7.14 Shared Use

Shared use occurs when Switched Access Service and Special Access Service are provided over the same analog or digital high capacity facility through a common interface. The regulations governing the provision of Shared Use Facilities are set forth in 7.4.8 following. CANCLED Access rates and charges as set forth in 6.8 following will apply for each channel of the high capacity facility that is used to provide Switched Access Service. APR 2 9 1996

6.7.15 <u>Information Surcharge</u>

The Information Surcharge is a charge to receiver costs that have been assigned to the intrastate Information Commission that have been assigned to the intrastate Information Commission category through Parts 67 and 69 of the Commission Rules. These costs are other than those incurred in the provision of intrastate Directory. provision of intrastate Directory Assistance Service as set forth in 9. following.

The Information Surcharge is assessed to the customer based on the total number of access minutes, lines or trunks. The rates are set forth in 6.8.6 following. application of these rates with respect to the individual Feature Groups is as set forth in 6.7.1(D) preceding.

### 6.7.16 Interim 500 or 900 NXX in Multi-State LATAs

For customers ordering LATA-wide Interim 500 Access Service or 900 Access Service in LATAs that cross state boundaries but are served by the same screening office, the applicable nonrecurring charge for that screening office, as set forth in 6.8.5 and 6.8.7 following, will not be billed twice (i.e., once for each state); they only be billed once for each NXX code activated br deactivated in that screening office.

FEB 11 1995

MISSOURI Public Service Commission

ISSUE DATE: January 11, 1995

February 11, 1995 BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

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### ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - Rate Regulations (Cont'd) 6.7
    - 6.7.13 <u>Mileage Measurement</u> (Cont'd)

(F) When FGA calls terminate within the local calling area of the dial tone office, the Local Transport mileage will be calculated on an airline basis between the customer's serving wire center and the end office where the call terminates.

### 6.7.14 Shared Use

Shared use occurs when Switched Access Service and Special Access Service are provided over the same analog or digital high capacity facility through a common interface. The regulations governing the provision of Shared Use Facilities are set forth in 7.4.8 following. Switched Access rates and charges as set forth in 6.8 following will apply for each channel of the high capacity facility that is used to provide Switched Access Service.

### 6.7.15 Information Surcharge

The Information Surcharge is a charge to recover costs that have been assigned to the intrastate Information category through Parts 67 and 69 of the Commission's Rules. These costs are other than those incurred in the provision of intrastate Directory Assistance Service as set forth in 9. following.

The Information Surcharge is assessed to the customer based on the total number of access minutes, lines or trunks. The rates are set forth in 6.8.6 following. The application of these rates with respect to the individual Feature Groups is as set forth in 6.7.1(D) preceding.

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Public Service Commission

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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First Revised Page 263 Cancels Original Page 263

### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.8 Rates and Charges (Cont'd)
    - 6.8.1 Reserved For Future Use
    - 6.8.2 <u>Local Transport</u>

	Rate	(T)
(A) Call Miles	Per Access Minute	
0 - 4	\$.0050	
Over 4-8	\$.0120	
Over 8-16	\$.0150	
Over 16-25	\$.0180	
Over 25-50	\$.0225	
Over 50-100	\$.0308	
Over 100-200	\$.0335	
Over 200	ICB	

ISSUED: EFFECTIVE:

November 3, 1993

November 7, 1993

Richard D. Lawson

State Executive, External Affairs

Original Page 263

### ACCESS SERVICE

Switched Access Service (Cont'd)

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6.8 Rates and Charges (Cont'd)

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6.8.1 Reserved For Future Use

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6.8.2 Local Transport

		Premium Rate
(A)	<u>Call Miles</u>	Per Access Minute
	0-4	\$.0050
	Over 4-8	\$.0120
	Over 8-16	\$.0150
	Over 16-25	\$.0180
	Over 25-50	\$.0225
	Over 50-100	\$.0308
	Over 100-200	\$.0335
	Over 200	ICB

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BY Jat R. S. #263
Public Service Commission
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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

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### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.8 Rates and Charges (Cont'd)
    - 6.8.2 <u>Local</u> Transport (Cont'd)

Monthly

 $\begin{array}{c} \text{(B)} \ \underline{\text{Optional Features}} \\ \overline{\text{Rates}} \end{array}$ 

(C)

(C)

Provision of other than Telephone Company Selected Traffic Routing (available with FGB, FGC, and FGD)

Direct Trunking in lieu of Tandem Trunking

ICB

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ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

NOV 2 1993

6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd)

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(7)

(B) Optional Features

Monthly USOC Rates

Provision of other than Telephone Company Selected Traffic Routing (available with FGB, FGC, and FGD)

-Direct Trunking in lieu of Tandem Trunking

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By 214 RP 264

Public Service Commission

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NOV 7 1393 93 - 181 MO. PUBLIC SERVICE COMM.

ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE:

November 7, 1993

Original Page 264

ACCESS SERVICE

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- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd)

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Monthly

(B) Optional Features

USOC

Rates

Provision of other than Telephone Company Selected Traffic Routing (available with FGB, FGC, and FGD)

-Direct Trunking in lieu of Tandem Trunking

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BY Lat R. S. # 264

Public Service Commission

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - Rates and Charges (Cont'd)
    - 6.8.2 Local Transport (Cont'd)
      - (B) Optional Features (Cont'd)

Monthly Rates

- Tandem Trunking in lieu of Direct Trunking

ICB

Customer Specification of Feature Group Directionality (Available with FGB, FGC\*, FGD)

(C)

(C)

- One-Way Operation in lieu of Two-Way Operation

ICB

(C)

ISSUED:

Richard D. Lawson May 3, 2000 State Executive, External Affairs June 2, 2000

EFFECTIVE:

<sup>\*</sup> For FGC this option is available only in appropriately equipped end offices.

First Revised Page 265 Cancels Original Page 265

ACCESS SERVICE

6. Switched Access Service (Cont'd)

NOV 2 1993

6.8 Rates and Charges (Cont'd)

6.8.2 <u>Local Transport</u> (Cont'd)

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(B) Optional Features (Cont'd)

Monthly USOC Rates

(T)

-Tandem Trunking in lieu of Direct Trunking

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Customer Specification of Feature Group Directionality (Available with FGB, FGC\*, FGD)

-One-Way Operation in lieu of Two-Way Operation

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ICB

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FILED

MO. PUBLIC SERVICE COMM.

ISSUED: November 3, 1993

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: November 7, 1993

<sup>\*</sup> For FGC this option is available only in appropriately equipped end offices.

Original Page 265

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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6.8 Rates and Charges (Cont'd)

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6.8.2 Local Transport (Cont'd)

(B) Optional Features (Cont'd)

Rates

-Tandem Trunking in lieu of

Direct Trunking

1RTTT ICB

Customer Specification of Feature Group Directionality (Available with FGB,

FGC\*, FGD)

-One-Way Operation in lieu of Two-Way Operation

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\* For FGC this option is available only in appropriately equipped end offices.

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Public Service Commission
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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 NOV 7 1992

Second Revised Page 266 Cancels First Revised Page 266

### ACCESS SERVICE

- 6. Switched Access Service (Cont'd)
  - 6.8 Rates and Charges (Cont'd)
    - 6.8.2 Local Transport (Cont'd)
      - (B) Optional Features (Cont'd)

				Rates	(C)
	_				

- Two-Way Operation
in lieu of One-Way
Operation ICB (C)

Customer Specification of Local Transport Termination (Available with FGB with Type B Transmission Performance)

 Four Wire Termination in lieu of Two-Wire Termination

ICB (C)

Monthly

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ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

NOV 2 1993

6.8 Rates and Charges (Cont'd)

6.8.2 Local Transport (Cont'd)

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(B) Optional Features (Cont'd)

Monthly
USOC Rates

-Two-Way Operation
in lieu of One-Way
Operation 1DSTW ICB

Customer Specification
of Local Transport
Termination (Available
with FGB with Type B
Transmission Performance)

## **CANCELLED**

-Four Wire Termination in lieu of Two-Wire

Termination

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ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: November 7, 1993

Original Page 266

### ACCESS SERVICE

Switched Access Service (Cont'd)

SEP 17 1892

6.8 Rates and Charges (Cont'd)

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6.8.2 Local Transport (Cont'd)

(B)	Optional Features (Co	nt'd)	
		USOC	Rates
	-Two-Way Operation in lieu of One-Way		
	Operation	1DSTW	ICB

Customer Specification of Local Transport Termination (Available with FGB with Type B Transmission Performance)

-Four Wire Termination in lieu of Two-Wire Termination LT1++

ICB

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ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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NOV 7 1992

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### **ACCESS SERVICE**

- 6. Switched Access Service (Cont'd)
  - 6.8 Rates and Charges (Cont'd)
    - 6.8.2 Local Transport (Cont'd)
      - (C) Network Blocking Charge

Rate Per Call Blocked

- Per Call\*\*

**ICB** 

6.8.3 Local Switching

Rate Per Access Minute

\$.023617

(1)

### (A) End Office to Tandem Rearrangement Charge

A nonrecurring charge as specified below will apply when a customer requests end office or tandem rearrangement of FGD trunks as set forth in 6.7.1 (C) (3) preceding.

 Per 24 Channels Converted or Fraction Thereof

> Nonrecurring Charge

> > \$56.45

ISSUED: October 25, 2002

Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: December 11, 2002



Second Revised Page 267 Cancels First Revised Page 267

ACCESS SERVICE

# Service Commission

- 6. Switched Access Service (Cont'd)
  - 6.8 Rates and Charges (Cont'd)

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- 6.8.2 Local Transport (Cont'd)
  - (C) Network Blocking Charge

Rate Per Call Blocked

- Per Call\*\*

ICB

6.8.3 Local Switching

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Rate Per Access Minute

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(A) End Office to Tandem Rearrangement Charge

A nonrecurring charge as specified below will apply when a customer requests end office or tandem rearrangement of FGD trunks as set forth in 6.7.1 (C) (3) preceding.

- Per 24 Channels Converted or Fraction Thereof

Nonrecurring Charge

(C)

\$56.45

(C)

Missouri Public Service Commission

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First Revised Page 267 Cancels Original Page 267

### ACCESS SERVICE

6. Switched Access Service (Cont'd) NOV 2 1993

6.8 Rates and Charges (Cont'd)

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6.8.2 Local Transport (Cont'd)

(C) Network Blocking Charge

Rate Per Call Blocked

- Per Call\*\*

ICB

6.8.3 Local Switching

(D)

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Rate Per Access Minute

(1)

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(D)

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### End Office to Tandem Rearrangement Charge

A nonrecurring charge(s) as specified below will apply when a customer requests end office or tandem rearrangement of FGD trunks

as set forth in 6.7.1(C)(3) preceding. - Per 24 Channels converted

Or Fraction Thereof

USOC

Nonrecurring Rate

EOTRC

\$56.45

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**CANCELLED** 

JUN 0 2 2000 By 2ND RP267

**Public Service Commission** 

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NOV 7 1993 MO. PUBLIC SERVICE COMM.

ISSUED: November 3, 1993

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: November 7, 1993

Original Page 267

ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

SEP 17 1992

6.8 Rates and Charges (Cont'd)

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6.8.2 Local Transport (Cont'd)

(C) Network Blocking Charge

Rate Per Call Blocked

- Per Call\*\*

ICB

6.8.3 End Office

(A) Local Switching

Rate

Per Access Minute

Premium Rates

LS1 - Originating and Terminating Feature Group A and Feature Group B

> except for Feature Groups A and B terminating calls to WATS Access Line Service

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\*\*Applies to FGD.

BY Lat R. J # 26 7 Public Service Commission MISSOURI

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

BOV 7 1992

Eighth Revised Page 268

Cancels Seventh Revised Page 268

### **ACCESS SERVICE**

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.8 Rates and Charges (Cont'd)
    - 6.8.4 TFC Access Service
      - (A) TFC Access Service Data Base Query per query

Rate

\$0.015028

(B) TFC Data Base Optional Service Features\*
 per query

Rate

\$0.001567

6.8.5 <u>900 Access Service</u>

Assembly of Router Pattern

Nonrecurring

<u>Charge</u>

 Per end office switch (including end office collocated with access tandem)

\$32.80

900 NXX Code Activation or Deactivation

Per NXX Code added or deleted per end office

(T)

Nonrecurring Charge

\$10.90

6.8.6 Reserved For Future Use

(C)

(D)

(D)

\* When a combination of one or more TFC Data Base Optional Service Features is used, only one charge will apply.

Seventh Revised Page 268 Cancels Sixth Revised Page 268

### **ACCESS SERVICE**

6. <u>Switched Access Service</u> (Cont'd)

Missouri Public

6.8 Rates and Charges (Cont'd)

REC'D OCT 2 6 2001

6.8.4 TFC Access Service

(A) TFC Access Service Data Base Query - per query

Service Commission

Rate

\$0.01**5028 (I)** 

(B) TFC Data Base Optional Service Features\*
- per query

<u>Rate</u>

\$0.001*567 (I)* 

6.8.5 900 Access Service

Assembly of Router Pattern

Nonrecurring

**Charge** 

 Per end office switch (including end office collocated with access tandem)

\$32.80

900 NXX Code Activation or Deactivation

Per NXX Code Activation or Deactivation

Nonrecurring Charge

**Charge** 

\$10.90

6.8.6 <u>Information Surcharge</u>

Rate Per Access Minute

\$0.0000

\* When a combination of one or more TFC Data Base Optional Service Features is used, only one charge will apply.

CANCELIED

FEB 07 2002 8 + RP 268 Public Service Commission MISSOURI

ISSUED: October 26, 2001 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 Missoffie Public

FILED DEC 11 2001 0 2-2 5 1 Service Commission

Sixth Revised Page 268 Cancels Fifth Revised Page 268

## Missouri Public Service Cemmission

### **ACCESS SERVICE**

6. Switched Access Service (Cont'd)

RECTION 27 2000

6.8 Rates and Charges (Cont'd)

6.8.4 TFC Access Service

(A) TFC Access Service Data Base Query - per query

Rate

\$0.012885

(B) TFC Data Base Optional Service Features\*
 per query

Rate

\$0.001344

6.8.5 900 Access Service

Assembly of Router Pattern

Nonrecurring

\<u>\</u>'

 Per end office switch (including end office collocated with access tandem) <u>Charge</u> \$32.80

(T)

900 NXX Code Activation or Deactivation

Per NXX Code Activation or Deactivation

Nonrecurring Charge

\$10.90

6.8.6 <u>Information Surcharge</u>

Rate Per Access Minute

\$0.0000

(R)

\* When a combination of one or more TFC Data Base Optional Service Features is used, only one charge will apply.

CANCELLED

DEC 1 1 2001

Public Service Comunication

Missouri Public Service Commission

FILED DEC 11 2000

ISSUED: October 27, 2000

October 27, 2000

MISSOURI Richard D. Lawson State Executive, External Affairs

319 Madison
Jefferson City, MO 65101

EFFECTIVE: December 11, 2000

Fifth Revised Page 268 Cancels Fourth Revised Page 268

### ACCESS SERVICE

### Missouri Public Service Commission

6.	Switched	Access	Service	(Cont'd)
				•

6.8 Rates and Charges (Cont'd)

**REC'D MAY 03** 2000

### 6.8.4 TFC Access Service

(A) TFC Access Service Data Base Query - per query

Rate (C)

\$0.012885

Rate (C)

\$0.001344 (C)

### 6.8.5 900 Access Service

Assembly of Router Pattern

## CANCELLED

(T)

(T)

(C)

Per end office switch (including end office collocated with access tandem)

DEC 1 1 2000 6th RP 268

Public Service Commission
MISSOURI

(D) | (D)

(C)

(T)

Nonrecurring

<u>Charge</u> (C)

\$32.80

900 NXX Code Activation or Deactivation (T)

- Per NXX Code Activation or Deactivation

Nonrecurring Charge (C)

\$10.90 (C)

### 6.8.6 Information Surcharge

Rate Per Access Minute

\$.0004

\* When a combination of one or more TFC Data Base Optional Service Features is used, only one charge will apply.

Missouri Public Service Commission

FILED JUN 02 2000

ISSUED: May 3, 2000 Richard D. Lawson State Executive, External Affairs

EFFECTIVE: June 2, 2000

Fourth Revised Page 268 Cancels Third Revised Page 268

### ACCESS SERVICE

## RECEIVED

Switched Access Service (Cont'd) 6.

> 6.8 Rates and Charges (Cont'd)

MAR 27 1996

6.8.4 TFC Access Service

MISSOURI Public Service Commission(1)

(A) TFC Access Service Data Base Query - per query

Rate

8DBOC

**USOC** 

\$0.012885

(B) TFC Data Base Optional Service Features\* - per query

(1)

(1)

USOC

Rate

8DBOF

\$0.001344

### 6.8.5 900 Access Service

Additions or deletions of 900 NXX codes routed to a customer

- Per Telephone Company end office switch (including end office collocated with access tandem)
  - Assembly of Route Pattern applies only on initial request for 900 Access Service in a state, LATA or access tandem

<u>USOC</u>

Nonrecurring

<u>Charge</u>

9RP

\$32.80

## CANCELLED

- Per Telephone access tandem or end office switch providing six digit screening

JUN 02 2000 By 5th RP268 Activation or deactivation of each 900 NXX code contained in the same request per access tandem or screening end office

**Public Service Commission** MISSOURI

USOC

Nonrecurring

<u>Charge</u>

ADNX9

\$10.90

### 6.8.6 <u>Information Surcharge</u>

Rate Per Access Minute

FILED

\$.0004

When a combination of one or more TFC Data Base Optional ServiAPR 29 1996 (T) Features is used, only one charge will apply.

MC. PUBLIC SERVICE COMM

ISSUED:

March 27, 1996

BY: John L. Roe

EFFECTIVE: April 29, 1996

Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

Third Revised Page 268 Cancels Second Revised Page 268

### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

RECEIVED

6.8 Rates and Charges (Cont'd)

6.8.4 800 Access Service

JAN 11 1995

(A) 800 Access Service Data Base Query
- per query

MO. PUBLIC SERVICE COMM.

**USOC** 

8DBQC

<u>Rate</u>

\$0.012885

(B) 800 Data Base Optional Service Features\*
- per query

USOC

Rate

8DBOF

\$0.001344

6.8.5 900 Access Service

(C)

Additions or deletions of 900 NXX codes routed to a customer

- Per Telephone Company end office switch (including end office collocated with access tandem)

 Assembly of Route Pattern - applies only on initial request for 900 Access Service in a state, LATA or access tandem

USOC

Nonrecurring

Charge

9RP

\$32.80

- Per Telephone access tandem or end office switch providing six digit screening
  - Activation or deactivation of each 900 NXX code contained in the same request per access tandem or screening end office

USOC

Nonrecurring Charge

ADNX9

\$10.90

APR 2 9 1995

6.8.6 Information Surcharge

Rate Per Public Service Commission Access Minute MISSOURI

\$.0004

When a combination of one or more 800 Data Base Optional Serv**ice** Features is used, only one charge will apply.

FEB 1 1 1995

MISSOURI
Public Service Commission
EFFECTIVE:

ISSUE DATE: January 11, 1995

BY: John L. Roe February 11, 1995 Vice President - Carrier and Regulatory Services 5454 West 110th Street

Overland Park, Kansas 66211

(N)

Second Revised Page 268 Cancels First Revised Page 268

ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

NOV 2 1993

6.8 Rates and Charges (Cont'd)

MO. PUBLIC SERVICE COMM. (D)

(D)

6.8.4 800 Access Service

(M)

(A) 800 Access Service Data Base Query - per query

<u>USOC</u>

Rate

8DBQC

\$0.012885

(B) 800 Data Base Optional Service Features\* - per query

USOC

<u>Rate</u>

8DBOF

\$0.001344

6.8.5 Reserved for Future Use

6.8.6 Information Surcharge

Rate Per Access Minute

\$.0004

(M)

CANCELLED

FEB 111995

BY 3 M. R. S. 26 8

Public Service Commission

WISSOURI

FILED

93 1 18 1 MO. PUBLIC SERVICE COMM.

\* When a combination of one or more 800 Data Base Optional Service Features is used, only one charge will apply.

EFFECTIVE: November 7, 1993

ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

First Revised Page 268 Cancels Original Page 268

### ACCESS SERVICE

- 6. <u>Switched Access Service</u> (Cont'd)
  - 6.8 Rates and Charges (Cont'd)

6.8.3 End Office (Cont'd)

RECEIVED

MAR 31 1993

(A) <u>Local Switching</u> (Cont'd)

MO. PUBLIC SERVICE COMM.

Rate

Premium Rates

Per Access Minute

LS2 - Originating and
Terminating Feature
Group C and Feature
Group D

and for Feature Groups A and B terminating calls to WATS Access Line Service CANCELLED

BY 9 1 1 2 68
Public Service Commission
MISSOURI

(N)

\$.0074

### End Office to Tandem Rearrangement Charge

A nonrecurring charge(s) as specified below will apply when a customer requests end office or tandem rearrangement of FGD trunks as set forth in 6.7.1(C)(3) preceding.

- Per 24 Channels converted Or Fraction Thereof

USOC Rate

EOTRC \$56.45

FILED

MAY 0 1 1993

MO. PUBLIC SERVICE COMM.

ISSUED: March 31, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE: May 1, 1993

Original Page 268

### ACCESS SERVICE

6. Switched Access Service (Cont'd)

Rates and Charges (Cont'd) 6.8

SEP 17 1992

6.8.3 End Office (Cont'd)

CCC. PUELIO SERVICE COMI.

(A) Local Switching (Cont'd)

Rate

Premium Rates

Per Access Minute

LS2 - Originating and Terminating Feature Group C and Feature Group D

> and for Feature Groups A and B terminating calls to WATS Access Line Service

\$.0074

CANCELLED

MAY 1 1993 BY LOL R.S. 368 Public Service Commission

MISSOURI

KOV 7 1992

L.3.10 1100 1100 1100 1100. EFFECTIVE:

NOV 7

1992

ISSUED:

BY: John L. Roe September 17, 1992 Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

First Revised Page 268.1 Cancels Original Page 268.1

	ACCESS SERVICE
5. <u>Swit</u>	ched Access Service (Cont'd)
6.8	Rates and Charges (Cont'd)
	6.8.7 <u>Interim 500 Access Service</u>
	Assembly of Route Pattern - 1 + Dialing
candem)	- Per end office switch (including end office collocated with access
	Nonrecurring Charge
	(1+ dialing) \$32.80
	500 NXX Code Activation or Deactivation - 1 + Dialing
	- Per NXX code added or deleted per end office
	Nonrecurring Charge
	(1+ dialing) \$10.90
	Assembly of Route Pattern - 0 + Dialing
candem)	- Per end office switch (including end office collocated with access
	Nonrecurring Charge
	(0+ dialing) \$32.80
Dialing	500 NXX Code Activation or Deactivation - 0 + Ling
	- Per NXX code added or deleted per end office
	Nonrecurring Charge

	(0+ dialing)	\$10.90
ISSUED:	Richard D. Lawson	EFFECTIVE:
May 3, 2000	State Executive, External Affairs	June 2, 2000

# Original Page 268.1

#### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

JAN 11 1995

### 6.8.7 Interim 500 Access Service

Additions or deletions of 500 NXX codes routed MO.PUBLICSERVICE COMM.

- Per Telephone Company end office switch (including end office collocated with access tandem)
  - Assembly of Route Pattern applies only on initial request for Interim 500 Access Service in a state, LATA or access tandem
    - 1+ Dialing

 USOC
 Nonrecurring Charge

 51ARP
 \$32.80

- Per Telephone Company access tandem or end office switch providing six digit screening
  - Activation or deactivation of each 500 NXX code contained in the same request per access tandem or screening end office
  - 1+ Dialing

Nonrecurring

<u>USOC</u> <u>Charge</u>

ADN51 \$10.90

- Per Telephone Company access tandem or end office switch (including end office collocated with access tandem)
  - Assembly of Route Pattern applies only on initial request for Interim 500 Access Service in a state, LATA or access tandem
    - 0+ Dialing

Nonrecurring

Charges

50ARP \$32.80

- Per Telephone Company access tandem or end office switch providing six digit screening
  - Activation or deactivation of each 500 NXX code contained in the same request per access tandem or screening end office

CANCELLED-

0+ Dialing

Nonrecurring Charges

FILED

JUN 0 2 2000

USOC ADN50

USOC

\$10.90

FEB 11 1995

Public Service Commission
MISSOURI

MISSOURI Public Service Commission

EFFECTIVE:

ISSUE DATE: January 11, 1995

BY: John L. Roe February 11, 1995 Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

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### ACCESS SERVICE

### 6. Switched Access Service (Cont'd)

### Cancels

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First Revised Page 279

ISSUED: Richard D. Lawson EFFECTIVE:

November 3, 1993 State Executive, External Affairs November 7, 1993

P.S.C. MO-No. 26

# UNITED TELEPHONE COMPANY OF MISSOURI

First Revised Page 269 Cancels Original Page 269

### ACCESS SERVICE

Original Page 278 First Revised Page 279

6. <u>Switched Access Service</u> (Cont'd)

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Public Service Commission

MISSOURI

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ISSUED: November 3, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: November 7, 1993

Original Page 269

#### ACCESS SERVICE

Switched Access Service (Cont'd) б.

A SCHOOL STATE

6.8 Rates and Charges (Cont'd)

SEP 17 1992

6.8.3 End Office (Cont'd)

ED. PILIZETNIE SMI

- (A) Local Switching (Cont'd)
- (1) Common Switching Optional Features

FID

Call Denial on Line or Hunt Group (available with FGA)

-Per Transmission Path or Transmission Path Group

CAD

CANCELLED

Service Code Denial on Line or Hunt Group (available with FGA) -Per Transmission Path or Transmission Path

Group

SCD

ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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(11112)

EFFECTIVE:

NOV 7 1992

Original Page 270

#### ACCESS SERVICE

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6. Switched Access Service (Cont'd) SEP 17 1992

6.8 Rates and Charges (Cont'd) MO PUBLIC PENNITE COMP

6.8.3 End Office (Cont'd)

(A) Local Switching (Cont'd)

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

FID

Hunt Group Arrangement (available with FGA) -Per Transmission Path Group

HML/HTG

Uniform Call Distribution Arrangement (available with FGA)

-Per Transmission Path Group

HTY UD

Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement (available with FGA)

-Per Transmission Path

Automatic Number

NHN

JUL 151995

CANCELLED

BY\_101R5#269 Public Service Commission MISSOURI

Identification (available with FGB, FGC and FGD) ANI -Per Transmission Path

Group

Group

Up to 7 Digit Outpulsing of Access Digits to Customer(available with FGB) -Per Transmission Path

**USDO** 

KOV 7 1892

ED. FELLE Comme Commis

ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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Original Page 271

ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

SEP 17 1992

6.8 Rates and Charges (Cont'd)

FOOL DUDLIC STATISTICS OF STATE

6.8.3 End Office (Cont'd)

(A) Local Switching (Cont'd)

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

<u>FID</u>

Cut - Through
(available with FGD)
-Per End Office or
Access Tandem

CTO

Revertive Pulse Address Signaling (available with FGC) -Per Transmission Path Group

ADS RP

CANCELLED

Delay Dial Start-Pulsing Signaling (available with FGC -Per Transmission Path Group

DDSP

BY Lat R S. #269
Public Service Commission
MISSOURI

Immediate Dial Pulse Address Signaling available with FGC) -Per Transmission Path Group

ADS IDP

Dial Pulse Address signaling (available with FGC) -Per Transmission Path Group

ADS DP

Panel Call Indicator Address Signaling (available with FGC) -Per Transmission Path Group

ADS PCI

HOV \$ 1892

CO. NOTE: C. THE COLLEGE

EFFECTIVE:

NOV 7 1992

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ISSUED: September 17, 1992 BY: John L. Roe
Vice President - Administration
5454 West 110th Street
Overland Park, Kansas 66211

Original Page 272

#### ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

SEP 17 1992

6.8 Rates and Charges (Cont'd)

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6.8.3 End Office (Cont'd)

(A) Local Switching (Cont'd)

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

FID

Service Class Routing (available with FGC and FGD) -Per Transmission

SCRT

Path Group

Alternate Traffic Routing

ARTG

Multiple customer
 Premises Alternate
 Routing (available
 with FGB, FGC and FGD)
 -Per Transmission Path
 or Transmission Path
 Group

CANCELLED

End Office Alternate
 Routing When Ordered in
 Trunks (available with
 FGB and FGD)
 -Per Transmission Path
 or Transmission Path
 Group

JUL 151995

BY Lat R.S.\* 169

Public Service Commission

MISSOURI

Trunk Access Limitation Arrangement (available with FGC and FGD) -Per End Office

CHOK

ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 KOV 7 1892

EFFECTIVE:

TOV 7 1992

Original Page 273

#### ACCESS SERVICE

6. Switched Access Service (Cont'd)

Rates and Charges (Cont'd)

SEP 17 1992

6.8.3 End Office (Cont'd)

MO. FUELIO STRUIGE COMES.

(A) Local Switching (Cont'd)

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

FID

Call Gapping Arrangement (available with FGD) -Per End Office

**CGAP** 

International Carrier Option (Available with FGD) -Per End Office and Access Tandem

INCO

Band Advance Arrangement for Use with WATS Access Line Service (available with FGC and FGD) - Per Arrangement

BAAD

CANCELLED

End Office End User Line Service Screening for Use with WATS Access Line Service (available with FGC and FGD)\* - Per Transmission Path

BY\_lat R.S. \$269 Public Service Commission MISSOURI

JUL 151995

Hunt Group Arrangement for Use with WATS Access Line Service (available with FGC and FGD) HML/HTG - Per Transmission Path

Group

\* This feature is required for originating only WATS Access Lines.

KOV 7 1992

ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE:

October West 1992 Per NOV 7 1992

Original Page 274

#### ACCESS SERVICE

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6. <u>Switched Access Service</u> (Cont'd)

SEP 17 1992

6.8 Rates and Charges (Cont'd)

par mulio service como.

6.8.3 End Office (Cont'd)

(A) Local Switching (Cont'd)

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

FID

Uniform Call Distribution Arrangement for Use with WATS Access Line Service (available with FGC and FGD)

HTY UD

- Per Transmission Path Group

Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service (available with FGC and FGD) - Per Transmission Path

CANCELLED

NHN

JUL 151995

BY 1 A R.S. # 269

Public Service Commission

MISSOURI

NOV 7 1892

( L. L.)

M. M. C. Land Committee of Francis

ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

OCCUPATION 1992

Original Page 275

#### ACCESS SERVICE

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б. <u>Switched Access Service</u> (Cont'd) SEP 17 1992

6.8 Rates and Charges (Cont'd)

FIG. PUBLIC SERVICE COPIES.

- 6.8.3 End Office (Cont'd)
  - (A) Local Switching (Cont'd)
    - (2) Transport Termination Nonchargeable Options

		<u>FID</u>
(a)	Line Side Terminations (For FGA)	
	Two Way Operation - Dial Pulse with Loop Start - Dial Pulse with Ground Start - DTMF with Loop Start - DTMF with Ground Start	NC +++A NC +++E NC +++F NC +++G
	Terminating Operation - Dial Pulse with Loop Start - Dial Pulse with Ground Start - DTMF with Loop Start - DTMF with Ground Start	NC +++N NC +++P NC +++R NC +++S
	Originating Operation - Loop Start - Ground Start CANCELLE	<b>D</b> ис +++u
(b)	Trunk Side Terminations (For FGB, FGC, and FGD) JUL 15199	35
	Standard Trunk for Originating, Terminating or Two-public Service Co Way Operation (available with FGB, FGC and FGD)	• /
	Rotary Dial Station Signaling Trunk	

547.45

TTC RD

KOV 7 1992

EFFECTIVE: Seachemania (2000)

NOV 7 1992

ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

(available with FGB)

Original Page 276

ACCESS SERVICE

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6. Switched Access Service (Cont'd) SEP 17 1992

6.8 Rates and Charges (Cont'd) pap. PUBLIC SARVICE COMIA.

6.8.3 End Office (Cont'd)

(A) Local Switching (Cont'd)

(2) Transport Termination Nonchargeable Options (Cont'd)

FID

(b) (Cont'd)

Operator Trunk, Coin, Non-Coin or Combined Coin and Non-Coin (available with FGC)

TTC CO

Operator Trunk, Full Feature Arrangement (available with FGD)

TTC FF

(B) Line Terminations

> Premium Rate Per

CANCELLED

JUL 151995

Access Minute

(1) Common Line and WATS Access Line Terminations

\$.0155

BY\_lot R.S. # 269 Public Service Commission

MISSOURI

HOV 7 1892

KA FELLIN TIME

EFFECTIVE: Accoberate 1992

> MOV 7 1992

ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

Original Page 277

#### ACCESS SERVICE

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6. Switched Access Service (Cont'd) SEP 17 1992

6.8 Rates and Charges (Cont'd)

CO. PUBLIC SERVICE COMM.

6.8.3 End Office (Cont'd)

(B) Line Terminations (Cont'd)

(2) WATS Access Line Optional Terminations CANCELLED

FID

Line Side Terminations (a)

> Originating Only Loop Start, Line Side Connection, with DTMF Address Signaling -per WATS Access Line

JUL 151995 BY\_lot-R.5. +269 Public Service Commissio MISSOURI

NC +++R

Originating Only Loop Start, Line Side Connection, with Dial Pulse Address Signaling - Per WATS Access Line

NC +++N

Originating Only Ground Start, Line Side Connection, with DTMF Address Signaling -Per WATS Access Line

NC +++S

[T. 13)

KOV 7 1992

M.D. Forting and M. Strane

ISSUED: September 17, 1992

BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

**EFFECTIVE:** \*Occober 17: 1992

> MOV 7 1992

Original Page 278

#### ACCESS SERVICE

6. Switched Access Service (Cont'd)

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SEP 17 1992

6.8 Rates and Charges (Cont'd)

2EP 1 ( 1992

6.8.3 End Office (Cont'd)

FOR PUBLIC SERVICE COMM.

(B) Line Terminations (Cont'd)

CANCELLED

(2) WATS Access Line Optional Terminations

JUE 51995

(a) Line Side Terminations

Originating Only

BY 101R.S. \*2-69 Public Service Commission MISSOURI

Ground Start, Line Side Connection, with Dial Pulse Address Signaling -Per WATS Access Line

NC +++P

Terminating Only
Loop Start, Line Side
Connection
- Per WATS Access Line

NC +++U

Terminating Only
Ground Start, Line Side
Connection
- Per WATS Access Line

NC +++V

(b) Trunk Side Terminations:

Terminating Only
Trunk Side Connection
for Forwarding of Dialed
Number Identification
to End User
- Per WATS Access Line

NC +++T

F. (1.1.1.1)

KOV 7 1992

1.2. FELLE EL MARIE CEME

ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

NOV 7 1982

First Revised Page 279 Cancels Original Page 279

#### ACCESS SERVICE

6. <u>Switched Access Service</u> (Cont'd)

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6.8 Rates and Charges (Cont'd)

MAR 31 1993

6.8.3 End Office (Cont'd)

in the C

(C) Intercept

MO. PUBLIC SERVICE COMM.

Premium

Rate

Intercept Charge (Per 100,000 Access Minutes)

\$10.61

**CANCELLED** 

6.8.4 800 Access Service

JUL 151995 BY 101 R-5 269

(A) 800 Access Service Data Base Query -per query

Public Service Commission MISSOURI

<u>USOC</u> <u>Rate</u>

(AUCCOC)

8DBQC \$0.012885

(B) 800 Data Base Optional Service Features\*
-per query

<u>USOC</u>

<u>Rate</u>

8DBOF

\$0.001344

(N)

(T)

6.8.5 Reserved for Future Use

6.8.6 <u>Information Surcharge</u>

Premium Rate Per Access Minute

\$.0004

FILLID

[AAY 0 1 1993

MO. PUBLIC SERVICE COMM.

When a combination of one or more 800 Data Base Optional Service Features is used, only one charge will apply.

ISSUED: March 31, 1993 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

EFFECTIVE: May 1, 1993

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#### ACCESS SERVICE

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6. Switched Access Service (Cont'd)

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6.8 Rates and Charges (Cont'd)

SEP 17 1992

6.8.3 End Office (Cont'd)

N.O. PUBLIC SERVICE COMM.

(C) Intercept

Premium \_Rate

Intercept Charge (Per 100,000 Access Minutes)

\$10.61

6.8.4 Reserved for Future Use

6.8.5 Reserved for Future Use

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ISSUED: September 17, 1992 BY: John L. Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:
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#### ACCESS SERVICE

#### 7. <u>Special Access Service</u>

#### 7.1 General

Special Access Service provides a transmission path to connect customer designated premises\*, either directly or through a Telephone Company Hub where bridging or multiplexing functions are performed. Special Access Service includes all exchange access not utilizing Telephone Company end office switches.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

#### 7.1.1 Channel Types

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There are five types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum

Customers can order a basic channel and select, from a list of available transmission parameters and channel interfaces, those that they desire to meet specific communications requirements.

\* Telephone Company Centrex CO-like switches are considered to be customer premises for purposes of this tariff.

ISSUED: EFFECTIVE: February 9, 2000 March 10, 2000 Richard D. Lawson

State Executive, External Affairs

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#### ACCESS SERVICE

#### 7. Special Access Service

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#### 7.1 General

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Special Access Service provides a transmission path Southert customer designated premises\*, either direction Sandagh Commission Telephone Company Hub where bridging or multiplexing functions are performed. Special Access Service includes all exchange access not utilizing Telephone Company end office switches.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

#### 7.1.1 Channel Types

There are eight types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

(C)

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum

Customers can order a basic channel and select, from a list of available transmission parameters and channel interfaces, those that they desire to meet specific communications requirements.

\* Telephone Company Centrex CO-like switches are considered to be customer premises for purposes of this tariff.

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ISSUED:

December 7, 1995

BY: John L. Roe

EFFECTIVE: January 8, 1996

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#### 7. Special Access Service

#### 7.1 General

Special Access Service provides a transmission path to connect customer designated premises\*, either directly or through a Telephone Company Hub where bridging or multiplexing functions are performed. Special Access Service includes all exchange access not utilizing Telephone Company end office switches.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

#### 7.1.1 Channel Types

There are seven types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum

Customers can order a basic channel and select, from a list of available transmission parameters and channel interfaces, those that they desire to meet specific communications requirements.

\* Telephone Company Centrex CO-like switches are considered to be customer premises for purposes of this tariff.

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ISSUED: September 17, 1992 BY: John L Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE: 17, 10222

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ACCESS SERVICE

#### 7. Special Access Service (Cont'd)

#### General (Cont'd)

#### 7.1.1 Channel Types (Cont'd)

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use.

Following is a brief description of each type of channel:

Voice Grade - A channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.

Program Audio - A channel for the transmission of audio signals. The nominal frequency bandwidths are from 50 Hz to 15000 Hz, from 200 to 3500 Hz, from 100 to 5000 Hz, from 50 to 8000 Hz.

Video - A channel for the transmission of a standard 525 line/60 field monochrome or National Television Systems Committee color video signal and up to four associated 5 or 15 kHz audio signals. The bandwidth for a video channel is either 30 Hz to 4.5 MHz or 30 Hz to 6.6 Mhz.

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## Missouri Public Service Commission

#### ACCESS SERVICE

7. Special Access Service (Cont'd)

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- 7.1 General (Cont'd)
  - 7.1.1 Channel Types (Cont'd)

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use.

Following is a brief description of each type of channel:

Voice Grade - A channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.

Program Audio - A channel for the transmission of audio signals. The nominal frequency bandwidths are from 50 Hz to 15000 Hz, from 200 to 3500 Hz, from 100 to 5000 Hz, from 50 to 8000 Hz.

Video - A channel for the transmission of a standard 525 line/60 field monochrome or National Television Systems Committee color video signal and up to four associated 5 or 15 kHz audio signals. The bandwidth for a video channel is either 30 Hz to  $4.5 \, \mathrm{MHz}$  or 30 Hz to  $6.6 \, \mathrm{Mhz}$ .

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#### 7. Special Access Service (Cont'd)

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#### 7.1 Gene<u>ral</u> (Cont'd)

#### 7.1.1 Channel Types (Cont'd)

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use.

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Following is a brief description of each type of channel:

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Voice Grade - A channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.

Program Audio - A channel for the transmission of audio signals. The nominal frequency bandwidths are from 50 Hz to 15000 Hz, from 200 to 3500 Hz, from 100 to 5000 Hz, from 50 to 8000 Hz.

Video - A channel for the transmission of a standard 525 line/60 field monochrome or National Television Systems Committee color video signal and one or two associated 5 or 15 kHz audio signals. The bandwidth for a video channel is either 30 Hz to  $4.5 \, \mathrm{MHz}$  or 30 Hz to  $6.6 \, \mathrm{Mhz}$ .

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#### ACCESS SERVICE

### Special Access Service (Cont'd)

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#### 7.1 General (Cont'd)

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#### Channel Types (Cont'd)

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Telegraph Service in this tariff, there is no restriction against doing so.

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Following is a brief description of each type of channel:

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Telegraph Grade - A channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud.

Voice Grade - A channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.

Program Audio - A channel for the transmission of audio signals. The nominal frequency bandwidths are from 50 Hz to 15000 Hz, from 200 to 3500 Hz, from 100 to 5000 Hz, from 50 to 8000 Hz.

Video - A channel for the transmission of a standard 525 line/60 field monochrome or National Television Systems Committee color video signal and one or two associated 5 or 15 kHz audio signals. The bandwidth for a video channel is either 30 Hz to 4.5 MHz or 30 Hz to 6.6 Mhz.

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#### 7. Special Access Service (Cont'd)

#### 7.1 General (Cont'd)

## 7.1.1 Channel Types (Cont'd)

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Metallic Service in this tariff, there is no restriction against doing so.

Following is a brief description of each type of channel:

Metallic - a channel for the transmission of low speed varying signals at rates up to 30 baud.

Telegraph Grade - A channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud.

Voice Grade - A channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.

Program Audio - A channel for the transmission of audio signals. The nominal frequency bandwidths are from 50 Hz to 15000 Hz, from 200 to 3500 Hz, from 100 to 5000 Hz, from 50 to 8000 Hz.

Video - A channel for the transmission of a standard 525 line/60 field monochrome or National Television Systems Committee color video signal and one or two associated 5 or 15 kHz audio signals. The bandwidth for a video channel is either 30 Hz to 4.5 MHz or 30 Hz to 6.6 MHz.

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ISSUED: September 17, 1992

BY: John L Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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#### ACCESS SERVICE

#### 7. <u>Special Access Service</u> (Cont'd)

#### 7.1 <u>General</u> (Cont'd)

#### 7.1.1 <u>Channel Types</u> (Cont'd)

Digital Data - A channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6, 19.2, 56 or 64 kbps provided where facilities are available as determined by the Telephone Company.

High capacity - A channel for the digital transmission of isochronous serial digital data at a rate of 1.544, 3.152, 6.312, 44.736 or 274.176 Mbps provided where facilities are available as determined by the Telephone (C) Company.

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Detailed descriptions of each of the channel types are provided in 7.2 following.

The customer also has the option of ordering Voice Grade and analog and digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, 1.544 Mbps, 3.152 Mbps, 6.312 Mbps, 44.736 Mbps and 274.176 Mbps) to a Telephone Company Hub for multiplexing to individual channels of a lower capacity or bandwidth.

Descriptions of the types of multiplexing are available at the Hubs, as well as the number of individual channels which may be derived from each type of facility are set forth in 7.2 following. Additionally, the customer may specify optional features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the optional features and functions available are also set forth in 7.2 following.

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#### ACCESS SERVICE

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7. Special Access Service (Cont'd)

> 7.1 General (Cont'd)

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7.1.1 Channel Types (Cont'd)

United DigiLink $\frac{sm}{}$  - A channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6, 19.2, 56 or 64 kbps provided where (C) facilities are available as determined by the Telephone Company.

United TransLink - A channel for the digital transmission of isochronous serial digital data at a rate of 1.544 Mbps provided where facilities are available as determined by the Telephone Company.

High Capacity - a channel for the digital transmission of isochronous serial data at rates of 3.152, 6.312, 44.736 or 274.176 Mbps.

Detailed descriptions of each of the channel types are provided in 7.2 following.

The customer also has the option of ordering Voice Grade and analog and digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, 1.544 Mbps, 3.152 Mbps, 6.312 Mbps, 44.736 Mbps and 274.176 Mbps) to a Telephone Company Hub for multiplexing to individual channels of a lower capacity or bandwidth. Descriptions of the types of multiplexing are available at the Hubs, as well as the number of individual channels which may be derived from each type of facility are set forth in 7.2 following. Additionally, the customer may specify optional features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the optional features and functions available are also set forth in 7.2 following.

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BY: John L. Roe

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### Special Access Service (Cont'd)

#### 7.1 General (Cont'd)

## 7.1.1 Channel Types (Cont'd)

7.1.1 Channel Types (Cont'd)

United DigiLink™ - A channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6, 19.2, or 56.0 kbps provided where facilities are available as determined by the Telephone Company.

United TransLink - A channel for the digital transmission of isochronous serial digital data at the rate of 1.544 Mbps provided where facilities are available as determined by the Telephone Company.

High Capacity - a channel for the digital transmission of isochronous serial data at rates of 3.152, 6.312, 44.736 or 274.176 Mbps.

Detailed descriptions of each of the channel types are provided in 7.2 following.

The customer also has the option of ordering Voice Grade and analog and digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, 1.544 Mbps, 3.152 Mbps, 6.312 Mbps, 44.736 Mbps and 274.176 Mbps) to a Telephone Company Hub for multiplexing to individual channels of a lower capacity or bandwidth. Descriptions of the types of multiplexing are available at the Hubs, as well as the number of individual channels which may be derived from each type of facility are set forth in 7.2 following. Additionally, the customer may specify optional features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the optional features and functions available are also set forth in 7.2 following.

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#### ACCESS SERVICE

#### 7. <u>Special Access Service</u> (Cont'd)

### 7.1 <u>General</u> (Cont'd)

#### 7.1.1 <u>Channel Types</u> (Cont'd)

For example, a customer may order a 3.152 Mbps facility from a customer designated premises to a Telephone Company Hub for multiplexing to two 1.544 Mbps channels. The 1.544 Mbps channels may be further multiplexed at the same or a different Hub to Voice Grade channels or may be extended to other customer designated premises. Optional features may be added to either the 1.544 Mbps or the Voice Grade Channels.

#### 7.1.2 Rate Categories

There are three basic rate elements which apply to Special Access Service:

- Channel Terminations (described in 7.1.2(A) following)
- Channel Mileage (described in 7.1.2(C) following)
- Optional Features and Functions (described in 7.1.2(E) following)

#### (A) Channel Termination

The Channel Termination rate category provides for the communications path between a customer designated premises and the serving wire center of that pre-mises. Included as part of the Channel Termination is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. sig-naling capability itself is provided as an optional feature as set forth in (E) following. One Channel Termination charge applies per customer designated premises at which the channel is terminated. charge will apply even if the customer designated premises and the serving wire center are co-located in a Telephone Company building.

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ACCESS SERVICE

### 7. Special Access Service (Cont'd)

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#### 7.1 General (Cont'd)

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### 7.1.1 Channel Types (Cont'd)

For example, a customer may order a 3.152 Mbps facility from a customer designated premises to a Telephone Company Hub for multiplexing to two 1.544 Mbps channels. The 1.544 Mbps channels may be further multiplexed at the same or a different Hub to Voice Grade channels or may be extended to other customer designated premises. Optional features may be added to either the 1.544 Mbps or the Voice Grade Channels.

#### 7.1.2 Rate Categories

There are three basic rate elements which apply to Special Access Service:

- Channel Terminations (described in 7.1.2(A) following)
- Channel Mileage (described in 7.1.2(C) following)
- Optional Features and Functions (described in 7.1.2(E) following)

#### (A) Channel Termination

The Channel Termination rate category provides for the communications path between a customer designated premises and the serving wire center of that premises. Included as part of the Service Termination is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. The signaling capability itself is provided as an optional feature as set forth in (E) following. One Channel Termination charge applies per customer designated premises at which the channel is terminated. This charge will apply even if the customer designated premises and the serving wire center are co-located in a Telephone Company building.

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#### **ACCESS SERVICE**

- 7. <u>Special Access Service</u> (Cont'd)
  - 7.1 General (Cont'd)
    - 7.1.2 Rate Categories (Cont'd)
      - (B) Reserved For Future Use
      - (C) Channel Mileage

The Channel Mileage rate category provides for the end office equipment and the transmission channel between the serving wire centers associated with two customer designated premises, between a serving wire center associated with a customer designated premises and a Telephone Company Hub or between two Telephone Company Hubs or between a WATS Serving Office and a Customer serving wire center when the two are not colocated. Channel Mileage rates are made up of the Channel Mileage Facility rate and the Channel Mileage Termination rate. Channel Mileage charges are set forth in Section 7.5.

(1) Channel Mileage Facility

The Channel Mileage Facility rate recovers the cost for the transmission path which extends between the Telephone Company serving wire centers and/or hub(s) and includes primarily outside plant used to provide the facility.

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#### ACCESS SERVICE

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7. Special Access Service (Cont'd) SEP 17 1992

7.1 General (Cont'd)

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7.1.2 Rate Categories (Cont'd)

(B) Reserved For Future Use

(C) Channel Mileage

> The Channel Mileage rate category provides for the transmission facilities between the serving wire centers associated with two customer designated premises, between a serving wire center associated with a customer designated premises and a Telephone Company Hub or between two Telephone Company Hubs. Channel Mileage is portrayed in mileage bands. There are two rates that apply for each band, i.e., a Channel Mileage fixed rate and a Channel Mileage per mile rate.

The channel mileage fixed rates are based on the costs of terminations at serving wire centers/hubs. These channel mileage fixed rates do not include any intermediate termination costs, and are applicable only when the facilities terminate in the Telephone Company's serving wire center/hub.

Following are the two methodologies used by the Telephone Company in the development and application of the channel mileage fixed rates.

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#### **ACCESS SERVICE**

- 7. <u>Special Access Service</u> (Cont'd)
  - 7.1 General (Cont'd)
    - 7.1.2 Rate Categories (Cont'd)
      - (C) Channel Mileage (Cont'd)

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## (2) Channel Mileage Termination

The Channel Mileage Termination rate recovers the (C) cost for end office equipment associated with terminating the facility (i.e., basic circuit equipment and terminations at serving wire (C) centers and hubs). The Telephone Company applies a 50% billing percentage to the channel mileage fixed rate on jointly owned circuits, and applies 100% on (C) wholly owned circuits. When the Channel Mileage Facility is zero (i.e., collocated serving wire centers), neither the Channel Mileage Facility rate nor the Channel Mileage Termination rate will apply.

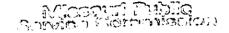
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#### ACCESS SERVICE

#### 7. Special Access Service (Cont'd)



7.1 General (Cont'd) RECT) SEP 1.0 1999

7.1.2 Rate Categories (Cont'd)

#### (C) Channel Mileage

- (1) Applicable to all special access channel mileage fixed rates in this section excluding Digital Data and High Capacity: Channel mileage fixed rates are developed using weighted average costs based on the ownership of terminations. Weighted average costs are derived by dividing total termination costs by the Telephone Company's billable terminations. The Telephone Company applies 100% of the channel mileage fixed rate to each circuit whether wholly or jointly provided.
- (2) Applicable to Digital Data and High Capacity channel mileage fixed rates:

Channel Mileage fixed rates are based on the costs of the terminations in the serving wire centers associated with two customer designated premises and/or hubs. The Telephone company applies a 50% billing percentage to the channel mileage fixed rate on jointly owned circuits, and applies 100% on wholly owned circuits. Any future special access rate filings will be administered using this methodology as well.

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7. Special Access Service (Cont'd)

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7.1 General (Cont'd)

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7.1.2 Rate Categories (Cont'd)

#### (C) Channel Mileage

- (1) Applicable to all special access channel mileage fixed rates in this section excluding United DigiLink and United TransLink: Channel mileage fixed rates are developed using weighted average costs based on the ownership of terminations. Weighted average costs are derived by dividing total termination costs by the Telephone Company's billable terminations. The Telephone Company applies 100% of the channel mileage fixed rate to each circuit whether wholly or jointly provided.
- (2) Applicable to United Digilink™ and United Translink™ channel mileage fixed rates:

Channel Mileage fixed rates are based on the costs of the terminations in the serving wire centers associated with two customer designated premises and/or hubs. The Telephone company applies a 50% billing percentage to the channel mileage fixed rate on jointly owned circuits, and applies 100% on wholly owned circuits. Any future special access rate filings will be administered using this methodology as well.

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Vice President - Administration
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#### **ACCESS SERVICE**

- 7. <u>Special Access Service</u> (Cont'd)
  - 7.1 General (Cont'd)
    - 7.1.2 Rate Categories (Cont'd)
      - (E) Optional Features and Functions

The Optional Features and Functions rate category provides for optional features and functions which may be added to a Special Access Service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for as a single rate element.

Examples of Optional Features and Functions that are available include, but are not limited to, the following:

- Signaling Capability
- Hubbing Functions
- Conditioning

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7. Special Access Service (Cont'd)

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7.1 General (Cont'd)

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7.1.2 Rate Categories (Cont'd)

#### (E) Optional Features and Functions

The Optional Features and Functions rate category provides for optional features and functions which may be added to a Special Access Service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment, but rather represent the end result in terms of performance characteristics which may be obtained. Theses characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for as a single rate element.

Examples of Optional Features and Functions that are available include, but are not limited to, the following:

- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements

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#### ACCESS SERVICE

#### 7. <u>Special Access Service</u> (Cont'd)

#### 7.1 <u>General</u> (Cont'd)

#### 7.1.2 <a href="Rate Categories">Rate Categories</a> (Cont'd)

#### (E) Optional Features and Functions (Cont'd)

A Hub is a Telephone Company designated serving wire center at which bridging or multiplexing functions are performed. The bridging functions performed are to connect three or more customer designated premises in a multipoint arrangement. The multiplexing functions are to channelize digital facilities to individual services requiring a lower capacity or bandwidth.

Descriptions for each of the available Optional Features and Functions are set forth in 7.2 following.

#### 7.1.3 <u>Service Configurations</u>

There are three types of service configurations over which Special Access Services are provided: two-point service, multipoint service and a WATS Access Line.

#### (A) <u>Two-Point Service</u>

A two-point service connects two customer designated premises, either on a directly connected basis or through a Hub where multiplexing functions are performed.

Applicable rate elements are:

- Channel Terminations
- Channel Mileage (as applicable)
- Optional Features and Functions (when applicable)

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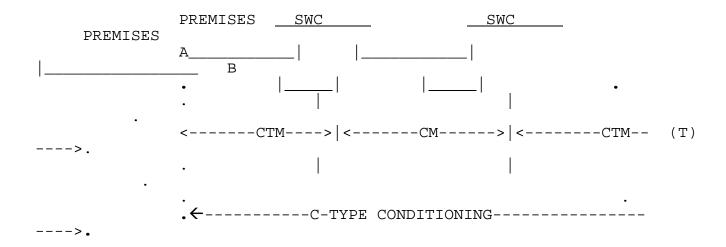
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#### ACCESS SERVICE

- 7. Special Access Service (Cont'd)
  - 7.1 General (Cont'd)
    - 7.1.3 Service Configurations (Cont'd)
      - (A) <u>Two-Point Service</u> (Cont'd)
        In addition, a Special Access Surcharge as set forth in 7.4.2 following may be applicable.

The following diagram depicts a two-point Voice Grade service connecting two customer designated premises located 15 miles apart. (C) The service is provided with C-Type Conditioning.



CTM -Channel Termination CM -Channel Mileage SWC -Serving Wire Center

Applicable rate elements are:

- Channel Terminations (2 applicable)
- Channel Mileage (mileage band Over 8 to 25 miles)
- C-Type Conditioning Optional Feature

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#### ACCESS SERVICE

#### 7. Special Access Service (Cont'd)

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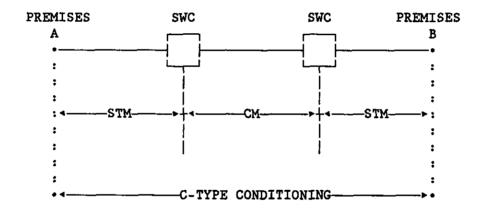
### 7.1 General (Cont'd)

#### 7.1.3 Service Configurations (Cont'd)

#### (A) Two-Point Service (Cont'd)

In addition, a Special Access Surcharge as set forth in 7.4.2 following and a Message Station Equipment Recovery Charge as set forth in 7.4.3 following and/or an Inside Wire Recovery Charge as set forth in 7.4.9 following may be applicable.

The following diagram depicts a two-point Voice Grade service connecting two customer designated premises located 15 miles apart. The service is provided with C-Type Conditioning.



STM -Service Termination

CM -Channel Mileage

SWC -Serving Wire Center

#### Applicable rate elements are:

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Channel Terminations (2 applicable)

Channel Mileage (mileage band Over 8 to 25 miles)

C-Type Conditioning Optional Feature

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#### ACCESS SERVICE

#### 7. <u>Special Access Service</u> (Cont'd)

#### 7.1 <u>General</u> (Cont'd)

#### 7.1.3 <u>Service Configurations</u> (Cont'd)

#### (B) Multipoint Service

Multipoint service connects three or more customer designated premises through a Telephone Company Hub. There is no limitation on the number of mid-links available with multipoint service. However, when more than three mid-links are provided in tandem, the quality of the service may be degraded. A mid-link is a channel between Hubs (i.e., bridging locations). Only certain types of Special Access Service are provided as multipoint service. These are so designated in the Service Descriptions set forth in 7.2 following.

Multipoint service utilizing a customized technical specifications package as set forth in 7.2 following will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

When ordering, the customer will specify the desired bridging Hub(s) selected from the Exchange Carrier Association Tariff. This tariff identifies the type(s) of bridging functions which are available and the serving wire centers at which they are available.

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#### ACCESS SERVICE

## 7. Special Access Service (Cont'd)

#### 7.1 General (Cont'd)

#### 7.1.3 Service Configurations (Cont'd)

(B) <u>Multipoint Service</u> (Cont'd)

Applicable Rate Elements are:

- Channel Terminations (one per customer designated premises)
- Channel Mileage (as applicable between each designated customer premises and the Hub and between Hubs)
- Bridging
- Additional Optional Features (when applicable)

In addition, the Special Access Surcharge as set forth in 7.4.2 following may be applicable.

Example: Voice Grade multipoint service connecting four customer premises via two customer specified bridging hubs.

.<---CTM--->|<--CM-|--->| CM |<---CM--->|<- CTM->. (T)

PREMISES
C
D
CTM -Channel Termination (T)

CM -Channel Mileage B -Bridging

SWC -Serving Wire Center

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#### ACCESS SERVICE

## 7. Special Access Service (Cont'd)

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## 7.1 <u>General</u> (Cont'd)

#### 7.1.3 <u>Service Configurations</u> (Cont'd)

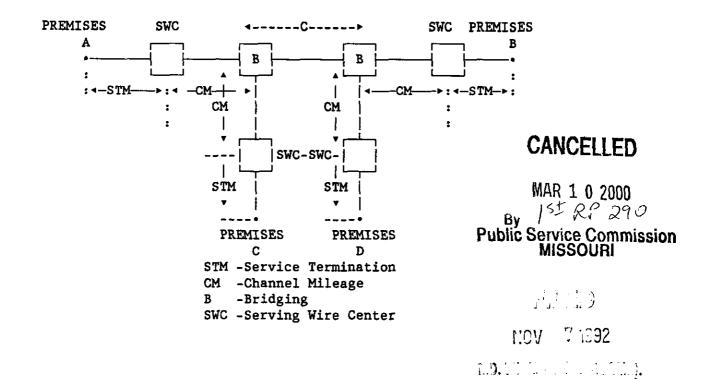
#### (B) <u>Multipoint Service</u> (Cont'd)

Applicable Rate Elements are:

- Channel Terminations (one per customer designated premises)
- Channel Mileage (as applicable between each designated customer premises and the Hub and between Hubs)
- Bridging
- Additional Optional Features (when applicable)

In addition, the Special Access Surcharge as set forth in 7.4.2 following and a Message Station Equipment Recovery Charge as set forth in 7.4.3 following and/or an Inside Wire Recovery Charge as set forth in 7.4.9 following may be applicable.

Example: Voice Grade multipoint service connecting four customer premises via two customer specified bridging hubs.



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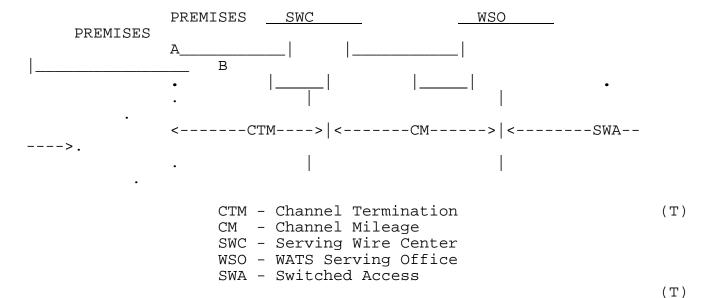
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#### ACCESS SERVICE

- 7. Special Access Service (Cont'd)
  - General (Cont'd)
    - 7.1.3 Service Configurations (Cont'd)
      - (B) Multipoint Service (Cont'd) Applicable Rate Elements are:
        - Channel Terminations (4 applicable)
        - Channel Mileage (5 sections, each from appropriate mileage band)
        - Bridging (0.6 applicable, i.e., each bridge port)
      - (C) WATS Access Line Service

WATS Access Line (WAL) provides a Voice Grade Channel Termination and Channel Mileage, where appropriate, between the End User premises and the WATS serving office and is used in conjunction with Switched Access Service as set forth in Paragraph 6.2.5, preceding.

The following diagram depicts a WATS Access Line service connecting a customer designated premises to the WATS serving office. The customer's serving wire center and the WATS serving office are located 10 miles apart.



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#### ACCESS SERVICE

## Special Access Service (Cont'd)

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#### 7.1 General (Cont'd)

## 7.1.3 <u>Service Configurations</u> (Cont'd)

#### (B) Multipoint Service (Cont'd)

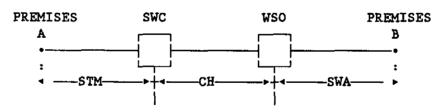
Applicable Rate Elements are:

- Channel Terminations (4 applicable)
- Channel Mileage (5 sections, each from appropriate mileage band)
- Bridging (0.6 applicable, i.e., each bridge port)

## (C) WATS Access Line Service

WATS Access Line (WAL) provides a Voice Grade Channel Termination an Channel Mileage, where appropriate, between the End User premise and the WATS serving office and is used in conjunction with Switched Access Service as set forth in Paragraph 6.2.5, preceding.

The following diagram depicts a WATS Access Line service connecting a customer designated premises to the WATS serving office. The customer's serving wire center and the WATS serving office are located 10 miles apart.



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WSO - WATS Serving Office

STM - Service Termination

SWC - Serving Wire Center

SWA - Switched Access

CM - Channel Mileage

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#### ACCESS SERVICE

## 7. <u>Special Access Service</u> (Cont'd)

#### 7.1 <u>General</u> (Cont'd)

#### 7.1.3 Service Configurations (Cont'd)

## (C) <u>WATS Access Line Service</u> (Cont'd)

Applicable rate elements for the WATS Access Line are:

- Channel Termination (1 Applicable)
- Channel Mileage (mileage band over 8 to 25 miles)
- Optional Features and Functions (when applicable)

In addition, a Special Access Surcharge, as set forth in 7.4.2, following may be (C) applicable.

## 7.1.4 <u>Alternate Use</u>

Alternate Use occurs when a service is arranged by the Telephone Company so that the customer can select different types of transmission at different times. A customer may use a service in any privately beneficial manner. However, where technical or engineering changes are required to effectuate an alternate use, the Telephone Company will make such special arrangements available on an individual case basis.

The arrangement required to transfer the service from one operation to the other (i.e., the transfer relay and control leads) will be rated and provided on an indivi-dual case basis and filed in Section 12., Specialized Service or Arrangements. The customer will pay the stated tariff rates for the Access Service rate elements for the service ordered (i.e., Channel Terminations, Channel Mileage [as applicable] and Optional Features [if any]).

#### 7.1.5 Special Facilities Routing

A customer may request that the facilities used to pro-vide Special Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are set forth in 11. following.

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#### 7. <u>Special Access Service</u> (Cont'd)

#### 7.1 General (Cont'd)

#### 7.1.3 <u>Service Configurations</u> (Cont'd)

## (C) WATS Access Line Service (Cont'd)

Applicable rate elements for the WATS Access Line are:

- Channel Termination (1 Applicable)
- Channel Mileage (mileage band over 8 to 25 miles)
- Optional Features and Functions (when applicable)

In addition, a Special Access Surcharge, as set forth in 7.4.2, following, a Message Station Equipment Recover Charge as set forth in 7.4.3, following, and/or an Inside Wire Recovery Charge as set forth in 7.4.9, following may be applicable.

## 7.1.4 Alternate Use

Alternate Use occurs when a service is arranged by the Telephone Company so that the customer can select different types of transmission at different times. A customer may use a service in any privately beneficial manner. However, where technical or engineering changes are required to effectuate an alternate use, the Telephone Company will make such special arrangements available on an individual case basis.

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ACCESS SERVICE

#### 7. Special Access Service (Cont'd)

General (Cont'd)

#### 7.1.6 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the make-up of the facilities and services provided under this tariff as Special Access Service to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

#### 7.1.7 <u>Acceptance Testing</u>

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters:

- (A) For Voice Grade analog services, acceptance tests will include tests for loss 3-tone slope, DC continuity, operational signaling, C-notched noise and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade services, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature.
- (B) For other analog services (i.e., Program Audio, Video) and for digital services (i.e., Digital Data and High Capacity Service), acceptance tests will include tests for the parameters applicable to the (C) service as specified in the order for service.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade Service to test other parameters, as described in 13.3.5(B) following, is available at the customer's request. All test will be made available to the customer upon request.

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#### 7. Special Access Service (Cont'd)

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#### General (Cont'd)

## 7.1.6 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the make-up of the facilities and services provided under this tariff as Special Access Service to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

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- (B) For other analog services (i.e., Program Audio, Video) and for digital services (i.e., Digital Data and High Capacity Service), acceptance tests will include tests for the parameters applicable to the service as specified in the order for service.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade Service to test other parameters, as described in 13.3.5(B) following, is available at the customer's request. All test will be made available to the customer upon request.

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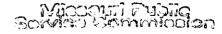
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#### ACCESS SERVICE



#### 7. Special Access Service (Cont'd)

#### 7.1 General (Cont'd)

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#### 7.1.6 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the make-up of the facilities and services provided under this tariff as Special Access Service to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

## 7.1.7 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters:

- (A) For Voice Grade analog services, acceptance tests will include tests for loss 3-tone slope, DC continuity, operational signaling, C-notched noise and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade services, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature.
- (B) For other analog services (i.e., Telegraph, Program Audio, Video) and for digital services (i.e., Digital Data and High Capacity Service), acceptance tests will include tests for the parameters applicable to the service as specified in the order for service.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade Service to test other parameters, as described in 13.3.5(B) following, is available at the customer's request. All test will be made available to the customer upon request.

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7. Special Access Service (Cont'd) SEP 17 1892

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#### 7.1.6 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the make-up of the facilities and services provided under this tariff as Special Access Service to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

#### 7.1.7 Acceptance Testing

(B)

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters:

For Voice Grade analog services, acceptance tests will (A) include tests for loss 3-tone slope, DC continuity, operational signaling, C-notched noise and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade services, a balance (improved loss) test will be made if the customer has ordered the improved Public Service Commission loss optional feature.

For other analog services (i.e., Metallic, Telegraph, Program Audio, Video) and for digital services (i.e., United DigiLink™ United TransLink™, and other High Capacity Services), acceptance tests will include tests for the parameters applicable to the service as specified in the order for service.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade Service to test other parameters, as described in 13.3.5(B) following, is available at the customer's request. All test will be made available to the customer upon request.

Service mark of United Telecommunications, Inc.

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BY: John L Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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ACCESS SERVICE

#### Special Access Service (Cont'd) 7.

#### General (Cont'd)

7.1.8 Ordering Options and Conditions Special Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also included in that section are other charges which may be associated with ordering Special Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

#### 7.2 Service Descriptions

For the purposes of ordering, there are five categories of Special Access Service. These are:

Voice Grade (VG) Program Audio (AP) Video (C) (TV) Digital Data (DA) High Capacity (HC) (D)

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Each of the components of the service is described in this section.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

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Richard D. Lawson

February 9, 2000 State Executive, External Affairs March 10,

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ACCESS SERVICE

# Missouri Public Service Commission

#### 7. Special Access Service (Cont'd)

#### 7.1 General (Cont'd)

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#### 7.1.8 Ordering Options and Conditions

Special Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also included in that section are other charges which may be associated with ordering Special Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

#### 7.2 Service Descriptions

For the purposes of ordering, there are five categories of Special Access Service. These are:

(D)

(C)

Voice Grade (VG) Program Audio (AP) Video (TV) Digital Data (DA) High Capacity (HC)

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Each of the components of the service is described in this section.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

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#### ACCESS SERVICE

#### 7. Special Access Service (Cont'd)

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#### General (Cont'd)

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#### 7.1.8 Ordering Options and Conditions

Special Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also included in that section are other charges which may be associated with ordering Special Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

#### 7.2 Service Descriptions

For the purposes of ordering, there are six categories of Special (C) Access Service. These are:

		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Telegraph Grade	(TG)	
Voice Grade	(VG)	
Program Audio	(AP)	
Video	(TV)	
Digital Data	(DA)	(T)
High Capacity	(HC)	(T)
- · · · · ·		(D)

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Each of the components of the service is described in this section.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customar will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

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Richard D. Lawson September 10, 1999 State Executive, External Affairs



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## 7. Special Access Service (Cont'd)

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· 7.1 General (Cont'd)

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7.1.8 Ordering Options and Conditions

Special Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also included in that section are other charges which may be associated with ordering Special Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

#### 7.2 <u>Service Descriptions</u>

For the purposes of ordering, there are eight categories of (C) Special Access Service. These are:

Metallic	(MT)		OMOLLEL
Telegraph Grade	(TG)		
Voice Grade	(VG)		OCT 1 5 1999 _//
Program Audio	(AP)		0 0 St 104
Video	(TV)		By Cholaco da
United DigiLink <sup>sm</sup>		(DA)	Public Service Commission
United TransLink <sup>sm</sup>		(HC)	By And 3 1999 Public Service Commission MISSOURI
High Capacity	(HC)		

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Each of the components of the service is described in this section.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

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ISSUED:

December 7, 1995

BY: John L. Roe

January 8, 1996

Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

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#### ACCESS SERVICE

7. Special Access Service (Cont'd)

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## 7.1 General (Cont'd)

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#### 7.1.8 Ordering Options and Conditions

Special Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also included in that section are other charges which may be associated with ordering Special Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

## 7.2 <u>Service Descriptions</u>

For the purposes of ordering, there are seven categories of Special Access Service. These are:

Metallic (MT)	
Telegraph Grade (TG)	
Voice Grade (VG)	
Program Audio (AP) JAN 03 1000	
Video (TV)	01
United DigiLink* (DA)	44
United TransLink* (HC) Public Service Corner	rission
United TransLink (HC) Public Service Community (HC)	

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Each of the components of the service is described in this section.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

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ISSUED: September 17, 1992 BY: John L Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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#### ACCESS SERVICE

## 7. <u>Special Access Service</u> (Cont'd)

7.2 <u>Service Descriptions</u> (Cont'd)

The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises, or is provided between a customer designated premises and a Telephone Company Hub where bridging or multiplexing functions are performed.

Information pertaining to the technical specifications packages indicates the transmission parameters that are available with each package. This information is displayed in a matrix with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code, e.g., VGC. The first two letters of the code indicate the category of Special Access Service to which the parameters are applicable. These two letter codes are shown above in parentheses following the category of Special Access Service. The letter "C" following the two letter code indicates the technical specifications package for a customized service. A numeric or alphanumeric designation following the two letter code indicates the specific predefined package. For a customized service, the customer may select any parameters available with that category of service as long as the parameters are compatible. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.

Channel interfaces at each point of termination on a two-point service may be symmetrical or asymmetrical. On a multipoint service they may also be symmetrical or asymmetrical. However, communications can only be provided between points of termination with compatible channel interfaces. Only certain channel interfaces are compatible. These are set forth in 7.3.5 following in a combination format.

Only certain channel interface combinations are available with the predefined technical specifications packages. These are delineated in the Technical References set forth at the end of the 7.2. When a customized channel is requested, all channel interface combinations available with the specified type of service are available with the customized channel.

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#### **ACCESS SERVICE**

## 7. Special Access Service (Cont'd)

#### Service Descriptions (Cont'd) 7.2

The optional features and functions available with each type of Special Access Service are described in this section. The optional features and functions information also indicates with which technical specifications packages they are available. Such information is displayed in a matrix with the optional feature or function listed down the left side and the technical specifications package listed across the top.

Telephone The Company will maintain existing transmission specifications on services installed prior to the effective date of this tariff, except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this tariff. All services installed after the effective date of this tariff will conform to the transmission specification standards contained in this tariff or in the following Technical Reference for each category of service:

> Voice Grade GR-3334

TR-NWT-000335 MDP-326-584

**GR-337** 

Program Audio Video **GR-338** 

Digital Data TR-NWT-000341 and

MDP-326-726 **High Capacity** GR-342

**GR-54** 

#### 7.2.1 Reserved For Future Use



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#### ACCESS SERVICE

Missouri Public

#### 7. Special Access Service (Cont'd)

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#### 7.2 Service Descriptions (Cont'd)

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The optional features and functions available with each type of Special Access Service are described in this section. The optional features and functions information also indicates with which technical specifications packages they are available. information is displayed in a matrix with the optional feature or function listed down the left side and the technical specifications package listed across the top.

The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this tariff, except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this tariff. All services installed after the effective date of this tariff will conform to the transmission specification standards contained in this tariff or in the following Technical Reference for each category of service:

Voice Grade

GR-3334

TR-NWT-000335

MDP-326-584

Program Audio

**GR-337** 

Video Digital Data GR-338 TR-NWT-000341 and

MDP-326-726

**High Capacity** 

GR-342

GR-54

7.2.1 Reserved For Future Use

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Service Commission

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Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101

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ACCESS SERVICE



#### 7. Special Access Service (Cont'd)

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#### 7.2 Service Descriptions (Cont'd)

The optional features and functions available with each type of Special Access Service are described in this section. The optional features and functions information also indicates with which technical specifications packages they are available. Such information is displayed in a matrix with the optional feature or function listed down the left side and the technical specifications package listed across the top.

The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this tariff, except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this tariff. All services installed after the effective date of this tariff will conform to the transmission specification standards contained in this tariff or in the following Technical Reference for each category of service:

> Voice Grade TR-NPL-000334 TR-NPL-000335 PUB 41001, Table 4 Program Audio TR-NPL-000337 TR-NPL-000338 Video Digital Data 62507 and associated Addendum PUB PUB 62310 High Capacity PUB 62508 PUB 62411

#### 7.2.1 Reserved For Future Use

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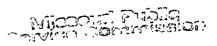
ISSUED:

Richard D. Lawson February 9, 2000 State Executive, External Affairs

EFFECTIVE: March 10, 2000 (D)

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#### ACCESS SERVICE



#### Special Access Service (Cont'd)

#### 7.2 Service Descriptions (Cont'd)

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The optional features and functions available with each type of Special Access Service are described in this section. The optional features and functions information also indicates with which technical specifications packages they are available. Such information is displayed in a matrix with the optional feature or function listed down the left side and the technical specifications package listed across the top.

The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this tariff, except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this tariff. All services installed after the effective date of this tariff will conform to the transmission specification standards contained in this tariff or in the following Technical Reference for each category of service:

						(D)
Telegraph Grade	TR-NPL-	000336				
Voice Grade	TR-NPL-	000334				
	TR-NPL-	000335				
	PUB	41001,	Tab	ole 4		
Program Audio	TR-NPL-	000337				
Video ·	TR-NPL-	000338				
Digital Data	PUB	62507	and	associated	Addendum	(T)
	PUB	62310				
High Capacity	PUB	62508			<u></u>	(T)
	PUB	62411				

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7.2.1 Reserved For Future Use (C)

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#### ACCESS SERVICE

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#### 7. Special Access Service (Cont'd)

#### 7.2 Service Descriptions (Cont'd)

The optional features and functions available with each type of Special Access Service are described in this section. The optional features and functions information also indicates with which technical specifications packages they are available. Such information is displayed in a matrix with the optional feature or function listed down the left side and the technical specifications package listed across the top.

The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this tariff, except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this tariff. All services installed after the effective date of this tariff will conform to the transmission specification standards contained in this tariff or in the following Technical Reference for each category of service:

Metallic	TR-NPL-000336	
Telegraph Grade	TR-NPL-000336	
Voice Grade	TR-NPL-000334	
	TR-NPL-000335	
	PUB 41001, Table 4	
Program Audio	TR-NPL-000337	
Video	TR-NPL-000338	
United DigiLink	PUB 62507 and associated Addend	um
	PUB 62310	
United TransLink*	PUB 62508 CANCELLED	
	PUB 62411 CANCELLED	
High Capacity	PUB 62508	
	PUB 62411 OCT 1 5 1999	

#### 7.2.1 Metallic Service

#### (A) Basic Channel Description

A Metallic is an unconditioned two-wire channel capable of transmitting low speed varying signals at rates up to 30 baud. This channel is provided by metallic or equivalent facilities. Metallic channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub where bridging functions are performed. Interoffice metallic facilities will be limited in length to a total of five miles per Channel.

Service mark of United Telecommunications, Inc.

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BY: John L Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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ISSUED: January 15, 2002

# Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101

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#### ACCESS SERVICE

- 7. <u>Special Access Service</u> (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)

7.2.1 Reserved For Future Use (Cont'd)

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October 15, 1999

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- 7. Special Access Service (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)

## 7.2.1 Metallic Service (Cont'd)

## (B) <u>Technical Specifications Packages</u>

	Package MT~_							
<u>Parameter</u>	<u>C</u> *	1	2	3				
DC Resistance Between Conductors	x	x	x					
Loop Resistance	x			Х				
Shunt Capacitance	x			X				

The technical specifications are delineated in Technical Reference TR-NPL-000333.

#### (C) Channel Interfaces

Compatible channel interfaces are set forth in 7.3.5(A) following.

\*All parameters are available within the ranges selected by the customer where technically feasible.

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## ACCESS SERVICE

- 7. Special Access Service (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.1 Reserved For Future Use (Cont'd)

7.2.2 Reserved For Future Use

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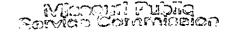
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#### ACCESS SERVICE

- 7. Special Access Service (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.1 Reserved For Future Use (Cont'd)



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7.2.2 Telegraph Grade Service

(A) Basic Channel Description

A Telegraph Grade channel is an unconditioned channel capable of transmitting binary signals at rates of 0-75 baud or 0-150 baud. This channel is furnished for half-duplex or duplex operation. Telegraph channels are provided between customer designated premises or between a customer designated premises or between a customer designated premises and a Telephone Company Hub.

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#### ACCESS SERVICE

7. <u>Special Access Service</u> (Cont'd)

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7.2 <u>Service Descriptions</u> (Cont'd)

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7.2.1 Metallic Service (Cont'd)

#### (D) Optional Features and Functions

## (1) Central Office Bridging Capability

- (a) Three Premises Bridging Provision of tip-totip and ring-to-ring connection in a central office of a metallic pair to a third customer designated premises.
- (b) Series Bridging of up to 26 customer designated premises.

The following table shows the technical specifications packages with which the optional features and functions are available.

Available with Technical Specifications Package MT-C\* 1 2 3

Three Premises Bridging X X

X

Series Bridging

X

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#### 7.2.2 Telegraph Grade Service

(A) Basic Channel Description

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A Telegraph Grade channel is an unconditioned channel capable of transmitting binary signals at rates of 0-75 baud or 0-150 baud. This channel is furnished for half-duplex or duplex operation. Telegraph channels are provided between customer designated premises or between a customer designated premises or between a customer designated premises and a Telephone Company Hub.

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#### ACCESS SERVICE

#### 7. Special Access Service (Cont'd)

#### Service Descriptions (Cont'd)

7.2.2 Reserved For Future Use (Cont'd)

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## 7.2.3 Voice Grade Service

## (A) <u>Basic Channel Description</u>

A Voice Grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated twowire or four-wire. Voice Grade channels are provided between customer designated premises or between a customer designated premises and a Telephone Hub.

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#### ACCESS SERVICE

7. Special Access Service (Cont'd)

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7.2 <u>Service Descriptions</u> (Cont'd)

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7.2.2 <u>Telegraph Grade Service</u> (Cont'd)

(B) <u>Technical Specifications Packages</u>

		Package TG-						
<u>Parameter</u>		<u>C*</u>	1	2				
Telegraph	Distortion	x	x	х				

The technical specifications are delineated in Technical Reference TR-NPL-000336

(C) Channel Interfaces

Compatible channel interfaces are set forth in 7.3.5(B) following.

- (D) Optional Features and Functions
  - (1) Telegraph Bridging (two-wire and four-wire)

The following table shows the technical specifications packages with which the optional features and functions are available.

		Availa	ble with	Techni	cal
		Specific	ations P	ackage	TG-
		<u>c</u>	<u>1</u>		2
Telegraph	Bridging	X	X		X

#### 7.2.3 Voice Grade Service

## CANCELLED

(A) <u>Basic Channel Description</u>

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Public Service Commission
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A Voice Grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Voice Grade channels are provided between customer designated premises or between a customer designated premises and a Telephone Hub.

\*All parameters are available within the ranges selected by the customer where technically feasible. 7.332

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#### ACCESS SERVICE

- 7. <u>Special Access Service</u> (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.2 <u>Voice Grade Service</u> (Cont'd)
      - (B) <u>Technical Specifications Packages</u> (Cont'd)

						Ρā	ack	age	e V	G-				
Parameter	<u>C</u> *	1	2	3	4	5	6	7	8	9	10	11	12	
Attenuation		_	_	_		_	_		_	_				
Distortion	X	Χ	Χ	X	X	X	Χ	X	X	X	X	Χ	X	
C-Message Nois	e	X	X	Χ	X	X	X	X	X	Χ	X	Χ	X	X
Echo Control	X	Χ	Χ	X		X		X	X			Χ	X	
Envelope Delay														
Distortion	X						X	X	X	Χ	X	Χ	X	
Frequency Shif	t	X						X	X	X	X	Χ	X	X
Impulse Noise						X	X	X	X	Χ	X	X	Χ	
Intermodulation														
Distortion							X	X	X		X	Χ		
Loss Deviation		X	X	X	X	X	X	X	X	X	X	Χ	X	X
Phase Hits, Ga	in													
Hits, and														
Dropouts	X													
Phase Jitter	X						X	X	X	X	X	Χ		
Signal-to-C														
Message Noise	<u> </u>					X								
Signal-to-C														
Notch Noise	Χ					X	Χ	X	Χ	X	Х	Χ	X	

<sup>\*</sup> The desired parameters are selected by the customer from the list of available parameters.

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#### **ACCESS SERVICE**

- 7. Special Access Service (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.3 <u>Voice Grade Service</u> (Cont'd)
      - (B) <u>Technical Specifications Packages</u> (Cont'd)

The technical specifications for these parameters (except for dropouts, gain hits, and phase hits) are delineated in Technical Reference *Publication TR-NWT-000335*. The technical specifications for dropouts, phase hits, and gain hits are delineated in Technical Reference *Publication MDP-326-584*.

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(C) Channel Interfaces

The following channel interfaces for Voice Grade service do not require signaling capability: AH, DA, DB, DD, DE, DS, NO, PR and TF.

The following channel interfaces for Voice Grade service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

Compatible channel interfaces are set forth in 7.3.5(C) following.

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#### ACCESS SERVICE

## 7. Special Access Service (Cont'd)

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#### 7.2 <u>Service Descriptions</u> (Cont'd)

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## 7.2.3 <u>Voice Grade Service</u> (Cont'd)

(B) <u>Technical Specifications Packages</u> (Cont'd)

The technical specifications for these parameters (except for dropouts, gain hits, and phase hits) are delineated in Technical Reference TR-NPL-000335. The technical specifications for dropouts, phase hits, and gain hits are delineated in Technical Reference PUB 41004, Table 4.

## (C) <u>Channel Interfaces</u>

The following channel interfaces for Voice Grade service do not require signaling capability: AH, DA, DB, DD, DE, DS, NO, PR and TF.

The following channel interfaces for Voice Grade service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

Compatible channel interfaces are set forth in 7.3.5(C) following.

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#### ACCESS SERVICE

- 7. Special Access Service (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.3 Voice Grade Service (Cont'd)
      - (D) Optional Features and Functions
        - (1) Central Office Bridging Capability
          - (a) Voice Bridging (two-wire or fourwire)
          - (b) Data Bridging (two-wire or four-wire)
          - (c) Telephoto Bridging (two-wire or fourwire)
          - (d) DATAPHONE Select-A-Station bridging with sequential arrangement ports or addressable arrangement ports
          - (e) Telemetry and Alarm Bridging

Split Band, Active Bridging Passive Bridging Summation, active Bridging

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(2) Reserved For Future Use

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**EFFECTIVE:** 

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#### ACCESS SERVICE

- Special Access Service (Cont'd)
  - Service Descriptions (Cont'd)

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## 7.2.3 Voice Grade Service (Cont'd)

- (D) Optional Features and Functions
  - (1) Central Office Bridging Capability
    - (a) Voice Bridging (two-wire or four-wire)
    - (b) Data Bridging (two-wire or four-wire)
    - (c) Telephoto Bridging (two-wire or four-wire)
    - (d) DATAPHONE Select-A-Station bridging with sequential arrangement ports or addressable arrangement ports
    - Telemetry and Alarm Bridging (e)

Split Band, Active Bridging Passive Bridging Summation, active Bridging

(2) Central Office Multiplexing

> Voice to Telegraph Grade: An arrangement that converts a Voice Grade channel to Telegraph Grade channel using frequency division multiplexing.

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BY: John L Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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ISSUED: September 17, 1992

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#### ACCESS SERVICE

- 7. Special Access Service (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.3 <u>Voice Grade Service</u> (Cont'd)
      - (D) Optional Features and Functions (Cont'd)
        - (3) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade services.

(C)

More strigent specifications than those provided with C-Type conditioning are available separately for attenuation distortion and envelope delay distortion. The customer has the option of ordering Improved Attenuation Distortion and/or Improved Envelope Delay Distortion in lieu of C-Type conditioning.

(C)

For two-point services, the parameters apply to each service. For multipoint services, the parameters apply to each mid link or end link. C-Type conditioning and Data Capability may be combined on the same service.

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#### ACCESS SERVICE

Special Access Service (Cont'd)

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7.2 <u>Service Descriptions</u> (Cont'd)

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7.2.3 <u>Voice Grade Service</u> (Cont'd)

(D) Optional Features and Functions (Cont'd)

(3) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade services. C-Type conditioning controls attenuation distortion and envelope delay distortion. Sealing Current helps maintain continuity on dry metallic loops.

For two-point services, the parameters apply to each service. For multipoint services, the parameters apply to each mid link or end link. C-Type conditioning and Data Capability may be combined on the same service.

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#### ACCESS SERVICE

- 7. <u>Special Access Service</u> (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.3 <u>Voice Grade Service</u> (Cont'd)
      - (D) Optional Features and Functions (Cont'd)
        - (3) Conditioning (Cont'd)
          - (a) <u>C-Type Conditioning</u>

C-Type Conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-Type Conditioning are:

Attenuation Distortion (Frequency Response)
Relative to 1004 Hz

Frequency	Variation
Range (Hz)	(db)
400-2800	-1.0 to $+2.0$
300-3000	-1.0 to $+3.0$
3000-3200	-2.0 to $+6.0$

Envelope Delay Distortion

Frequency	Variation
Range (Hz)	(micro-
S	<u>econds)</u>
1000-2600	100
800-2600	200
600-2600	300
500-2800	600
500-3000	3000

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## ACCESS SERVICE

- 7. <u>Special Access Service</u> (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.3 <u>Voice Grade Service</u> (Cont'd)
      - (D) Optional Features and Functions (Cont'd)
        - (3) Conditioning (Cont'd)
          - (b) Reserved For Future Use
          - (c) <u>Sealing Current Conditioning</u>

Sealing Current Conditioning is provided to maintain continuity on dry metallic loops. It is usually associated with four-wire DA and NO type channel interfaces.

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# **ACCESS SERVICE**

- 7. Special Access Service (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.3 <u>Voice Grade Service</u> (Cont'd)
      - (D) Optional Features and Functions (Cont'd)
        - (4) Customer Specified Premises Receive Level

This option allows the customer to specify the receive level at the Point of Termination. This level must be within a specific range on effective four-wire transmission. The ranges are delineated in Technical Reference *Publication TR-NWT-000335*.

(5) Improved Return Loss

- (a) On Effective Four-Wire Transmission at Four-Wire Point of Termination (applicable to each two-wire port): Provides for a fixed 600 ohm impedance, variable level range and simplex reversal. Telephone Company equipment is required at the customer's premises where this option is ordered. The Improved Return Loss parameters are delineated in Technical Reference Publication TR-NWT-000335.
- (b) On Effective Two-Wire Transmission at Two-Wire Point of Termination: Provides for more stringent Echo Control Specifications. In order for this option to be applicable, the transmission path must be four-wire at one POT and two-wire at the other POT. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire POT. The Improved Return Loss parameters are delineated in Technical Reference *Publication TR-NWT-000335*.

ISSUED: January 15, 2002 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: February 15, 2002

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7. <u>Special Access Service</u> (Cont'd)

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- 7.2 <u>Service Descriptions</u> (Cont'd)
  - 7.2.3 Voice Grade Service (Cont'd)
    - (D) Optional Features and Functions (Cont'd)
      - (4) <u>Customer Specified Premises Receive Level</u>

This option allows the customer to specify the receive level at the Point of Termination. This level must be within a specific range on effective four-wire transmission. The ranges are delineated in Technical Reference TR-NPL-000335.

# (5) <u>Improved Return Loss</u>

- (a) On Effective Four-Wire Transmission at Four-Wire Point of Termination (applicable to each two-wire port): Provides for a fixed 600 ohm impedance, variable level range and simplex reversal. Telephone Company equipment is required at the customer's premises where this option is ordered. The Improved Return Loss parameters are delineated in Technical Reference TR-NPL-000335.
- (b) On Effective Two-Wire Transmission at Two-Wire Point of Termination: Provides for more stringent Echo Control Specifications. In order for this option to be applicable, the transmission path must be four-wire at one POT and two-wire at the other POT. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire POT. The Improved Return Loss parameters are delineated in Technical Reference TR-NPL-000335.

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# ACCESS SERVICE

- 7. Special Access Service (Cont'd)
  - 7.2 Service Descriptions (Cont'd)
    - 7.2.3 <u>Voice Grade Service</u> (Cont'd)
      - (D) Optional Features and Functions (Cont'd)
         (6) Data Capability

Data Capability provides transmission charac-teristics suitable for data communications. Specifically, Data Capability provides for the control of Signal to C-Notched Noise Ratio and intermodulation distortion. It is available for two-point services or multipoint services.

The Signal to C-Notched Noise Ratio and inter-modulation distortion parameters for Data Capability are:

- Signal to C-Notched Noise Ratio is equal to or greater than 32dB
- Intermodulation distortion:
  - Signal to second order modulation products (R2) is equal to or greater than 38dB
  - Signal to third order modulation products (R3) is equal to or greater than 42dB

When a service equipped with Data Capability is used for voice communications, the quality of the voice transmission may not be satisfactory.

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# **ACCESS SERVICE**

- 7. <u>Special Access Service</u> (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.3 <u>Voice Grade Service</u> (Cont'd)
      - (D) Optional Features and Functions (Cont'd)
        - (7) Telephoto Capability

Telephoto Capability provides transmission characteristics suitable for telephotographic communications. Specifically, Telephoto Capability is provided for the control of attenuation distortion and envelope delay distortion on telephotographic services. The attenuation distortion and envelope delay distortion parameters for Telephoto Capability are:

Attenuation Distortion (1004 Hz Reference)

Frequency Variation
Range (Hz) (dB)

500-3000 -0.5 to +1.5
300-3200 -1.0 to +2.5

# **Envelope Delay Distortion**

Frequency Variation
Range (Hz) (mcs)

1000-2600 110
800-2800 180

# (8) Signaling Capability

Signaling Capability provides for the process by which one customer premises alerts another customer premises on the same service with which it wishes to communicate.

# (9) Reserved For Future Use

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ISSUED: January 26, 2001 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: February 26, 2001

## ACCESS SERVICE

# 7. <u>Special Access Service</u> (Cont'd)

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# 7.2 <u>Service Descriptions</u> (Cont'd)

## 7.2.3 <u>Voice Grade Service</u> (Cont'd)

## (D) Optional Features and Functions (Cont'd)

# (7) Telephoto Capability

Telephoto Capability provides transmission characteristics suitable for telephotographic communications. Specifically, Telephoto Capability is provided for the control of attenuation distortion and envelope delay distortion on telephotographic services. The attenuation distortion and envelope delay distortion parameters for Telephoto Capability are:

# Attenuation Distortion (1004 Hz Reference)

Frequency Range (Hz)	Variation (dB)							
500-3000 300-3200	-0.5 to +1.5							

## Envelope Delay Distortion

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Frequency	Variation	OVINCETTED
Range (Hz)	(mcs)	FEB 2 6 2001
1000-2600	110	FEB 2 6 2001  Ey (5) RP 308  Public Service Commission
800-2800	180	Public Service Commission
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# (8) Signaling Capability

Signaling Capability provides for the process by which one customer premises alerts another customer premises on the same service with which it wishes to communicate.

# (9) <u>Selective Signaling Arrangement</u>

An arrangement that permits code selective ringing for up to ten codes on a multipoint service.

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ISSUED: September 17, 1992 BY: John L Roe
Vice President - Administration
5454 West 110th Street
Overland Park, Kansas 66211

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# ACCESS SERVICE

- 7. <u>Special Access Service</u> (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.3 <u>Voice Grade Service</u> (Cont'd)
      - (D) Optional Features and Functions (Cont'd)
        - (10) Reserved For Future Use

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(C)

ISSUED: EFFECTIVE: September 10, 1999 October 15, 1999 Richard D. Lawson

State Executive, External Affairs

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ACCESS SERVICE

- 7. Special Access Service (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.3 Voice Grade Service (Cont'd)
      - (D) Optional Features and Functions (Cont'd)
        - (10) Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to another channel that terminates in either the same or different customer premises. A key activated or dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as part of the option.

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ISSUED: September 17, 1992 BY: John L Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 SPRINT MISSOURI, INC. d/b/a SPRINT

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**ACCESS SERVICE** 

- 7. <u>Special Access Service</u> (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.3 <u>Voice Grade Service</u> (Cont'd)
      - (D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

avallasio	Available with Technical  Specifications Package VG-												
	$\overline{C}$	1		3							<u>10</u>	<u>11</u>	12
C-Type Conditioning	X	_	_	_	_	<u>5</u> X	X	<u>7</u> X	X	X	X		<del></del>
Central Office													
Bridging													
Capability	X		X			X	X				X	Χ	Χ
Central Office													
Multiplexing	X						X						
Customer Specified Premises Receive													
Level	Χ		Y	Χ				Y	Χ	Y			
Data Capability	X		^	^			Χ	X	^	^	Χ		
Improved Return	,,						/\	/\			,,		
Loss:													
For Effective													
Four-Wire													
Transmission	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
For Effective													
Two-Wire													
Transmission		X		Χ	X				X				
Sealing Current	V						V						
Conditioning	X						X						
Signaling													
Capability	Χ	Χ	Χ	Χ				Χ	Χ	Χ			
Telephoto													
Capability	Χ											Χ	
-													

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## ACCESS SERVICE

- 7. Special Access Service (Cont'd)
  - Service Descriptions (Cont'd)

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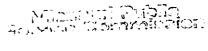
- 7.2.3 <u>Voice Grade Service</u> (Cont'd)
  - (D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

												.cal		
	_					cif			ns			e VG		
	<u>C</u>	2	1	2	<u>3</u>	4	<u>5</u>	<u>6</u>	7	8	<u>9</u>	<u>10</u>	11	12
C-Type Conditioning Central Office Bridging	Σ		,				Χ	X	Х	Х	Х	Х		
Capability Central Office	Σ	ζ.		X			Χ	Χ				X	X	Х
Multiplexing Customer Specified Premises Receive	Σ	(						X						
Level	}	ζ.		Χ	X				Χ	X	Х			
Data Capability Improved Return Loss: For Effective Four-Wire	Σ	ζ						Х	X			Х		
Transmission For Effective Two-Wire	Σ	ζ	Х	X	X	Х	Х	Х	Х	Х	Х	Х	Х	Χ
Transmission Sealing Current			Χ		X	X				Χ				
Conditioning Selective Signaling	Σ	ζ.						X						
Arrangement Signaling	Σ	(		Х										
Capability Telephoto	Σ	ζ.	X	X	X				X	Х	X			
Capability	Σ	ζ											X	

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ACCESS SERVICE

SEP 17 1892

- 7. <u>Special Access Service</u> (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)

- 7.2.3 Voice Grade Service (Cont'd)
  - (D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

			Available with Technical										
			Specifications					Pa	Package VG-				
	<u>c</u>	1			4		<u>6</u>			9		<u>11</u>	12
C-Type Conditioning	X					X	X	X	X	X	X		
Central Office													
Bridging													
Capability	X		X			X	X				X	X	X
Central Office													
Multiplexing	X						X						
Customer Specified													
Premises Receive													
Level	Х		X	X				Х	X	X			
Data Capability	X						X	X			X		
Improved Return													
Loss:													,
For Effective													
Four-Wire													
Transmission	X	X	X	X	X	X	X	X	Х	X	X	X	X
For Effective													
Two-Wire											CA	NCI	ELLED
Transmission		X		X	X				X		O/ t	110	- Lute <b>i- I-</b>
Sealing Current													
Conditioning	X						X				00	T 1	5 1999
Selective Signaling											1 -1		tain
Arrangement	X		X							By	<u> </u>	ak (	500
Signaling									Pı	ıblid	: Sej	vice	Commission
Capability	X	X	X	X				X	X	X	V	1550	DURI
Telephoto													
Capability	X											X	
Transfer Arrangement	X	X	X	X	X	X	X	X	X	X	X	X	

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ISSUED: September 17, 1992 BY: John L Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

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# ACCESS SERVICE

- 7. Special Access Service (Cont'd)
  - 7.2 Service Descriptions (Cont'd)
    - 7.2.3 Voice Grade Service (Cont'd)
      - Four-Wire/Two-Wire Conversions

When a customer requests that an effective four-wire channel be terminated with a two-wire channel interface at the customer designated premises, a four-wire to two-wire conversion is required. The rate for the conversion is included as part of the basic Channel Termination rate.

# 7.2.4 Program Audio Service

# (A) Basic Channel Description

A Program Audio channel is a channel measured in Hertz for the transmission of a complex signal voltage. The actual bandwidth is a function of the channel interface selected by the customer. Only one-way transmission is provided. Program Audio channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

**Technical Specifications Packages** 

			Pac	kage <i>P</i>	<u> </u>
<u>Parameter</u>	<u>C*</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Actual Measured Loss	Χ	Χ	Χ	Χ	X
Amplitude Tracking	Χ				
Crosstalk	Χ	X	Χ	Χ	X
Distortion Tracking	Χ				
Gain/Frequency Distortion	Χ	X	Χ	Χ	Χ
Group Delay	Χ				
Noise	Χ	Χ	Χ	Χ	Χ
Phase Tracking	Χ				
Short-Term Gain Stability	Χ				
Short-Term Loss	Χ				
Total Distortion	Χ	Χ	Χ	Χ	Χ

The technical specifications are delineated in Technical Reference Publication GR-337.

The desired parameters are selected by the customer from the list of available parameters.

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# Missouri Public

## **ACCESS SERVICE**

# 7. Special Access Service (Cont'd)

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# 7.2 Service Descriptions (Cont'd)

Service Commission

# 7.2.3 Voice Grade Service (Cont'd)

# E. Four-Wire/Two-Wire Conversions

When a customer requests that an effective four-wire channel be terminated with a two-wire channel interface at the customer designated premises, a four-wire to two-wire conversion is required. The rate for the conversion is included as part of the basic Channel Termination rate.

# 7.2.4 Program Audio Service

# (A) Basic Channel Description

A Program Audio channel is a channel measured in Hertz for the transmission of a complex signal voltage. The actual bandwidth is a function of the channel interface selected by the customer. Only one-way transmission is provided. Program Audio channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

# (B) <u>Technical Specifications Packages</u>

	Package AP-							
Parameter	<u>C*</u>	1	2	3	4			
Actual Measured Loss	X	Χ	Χ	Χ	Х			
Amplitude Tracking	X							
Crosstalk	X	Х	Х	X	Χ			
Distortion Tracking	Х							
Gain/Frequency Distortion	X	Χ	X	Χ	Х			
Group Delay	X							
Noise	X	Χ	Х	X	Χ			
Phase Tracking	X							
Short-Term Gain Stability	X							
Short-Term Loss	X							
Total Distortion	X	Χ	X	X	Х			

The technical specifications are delineated in Technical Reference **Publication GR-337**.

The desired parameters are selected by the customer from the list of available parameters.

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Service Commission

ISSUED: January 15, 2002 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101 EFFECTIVE: February 15, 2002

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## ACCESS SERVICE

Special Access Service (Cont'd)

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# 7.2 <u>Service Descriptions</u> (Cont'd)

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# 7.2.3 <u>Voice Grade Service</u> (Cont'd)

## E. Four-Wire/Two-Wire Conversions

When a customer requests that an effective four-wire channel be terminated with a two-wire channel interface at the customer designated premises, a four-wire to two-wire conversion is required. The rate for the conversion is included as part of the basic Channel Termination rate.

# 7.2.4 Program Audio Service

# (A) Basic Channel Description

A Program Audio channel is a channel measured in Hertz for the transmission of a complex signal voltage. The actual bandwidth is a function of the channel interface selected by the customer. Only one-way transmission is provided. Program Audio channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

# (B) <u>Technical Specifications Packages</u>

<u>Parameter</u>	<u>C*</u>	1	2	<u>3</u>	4		5
Actual Measured Loss	X	X	X	X	X	C,	ទីទ
Amplitude Tracking	X					L	2002 31.
Crosstalk	X	Х	X	X	X	-	びっ 深 <b>用</b>
Distortion Tracking	X					II.	~% Ç <u>`</u>
Gain/Frequency Distortion	X	X	X	X	X	C	-1/2 SS
Group Delay	X					AN	Sign Star
Noise	X	X	X	X	X	, A	F - 5 - 5
Phase Tracking	X						တ
Short-Term Gain Stability	X						
Short-Term Loss	X						#
Total Distortion	X	X	X	X	X		Ω_

The technical specifications are delineated in Technical Reference TR-NPL-000337.

\* The desired parameters are selected by the customer from the list of available parameters.

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September 17, 1992

ISSUED:

BY: John L Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

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## ACCESS SERVICE

# 7. <u>Special Access Service</u> (Cont'd)

# 7.2 <u>Service Descriptions</u> (Cont'd)

# 7.2.4 <a href="Program Audio Service">Program Audio Service</a> (Cont'd)

# (C) Channel Interfaces

The following channel interfaces (CIs) define the bandwidths that are available for a Program Audio channel:

<u>CI</u>	<u>Bandwidth</u>									
PG-1 Hz	Nominal frequency from 50 to 15000									
PG-3 Hz	Nominal frequency from 200 to 3500									
PG-5 Hz	Nominal frequency from 100 to 5000									
PG-8 Hz	Nominal frequency from 50 to 8000									

Compatible channel interfaces are set forth in 7.3.5(D) following.

# (D) Optional Features and Functions

# (1) Central Office Bridging Capability

Distribution Amplifier

# (2) Gain Conditioning

Control of 1004 Hz AML at initiation of service to 0dB  $\pm$  0.5dB.

# (3) <u>Stereo</u>

Provision of a pair of gain/phase equalized channels for stereo applications. (Additional AP channel must be ordered separately.)

Richard D. Lawson

State Executive, External Affairs

ISSUED: EFFECTIVE: September 17, 1992 November 7, 1992

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## ACCESS SERVICE

SEP 17 1992

- 7. <u>Special Access Service</u> (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)

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# 7.2.4 Program Audio Service (Cont'd)

# (C) Channel Interfaces

The following channel interfaces (CIs) define the bandwidths that are available for a Program Audio channel:

CI	<u>Bandwidth</u>									
PG-1	Nominal frequency from 50 to 15000 Hz									
PG-3	Nominal frequency from 200 to 3500 Hz									
PG-5	Nominal frequency from 100 to 5000 Hz									
PG-8	Nominal frequency from 50 to 8000 Hz									

Compatible channel interfaces are set forth in 7.3.5(D) following.

# (D) Optional Features and Functions

(1) Central Office Bridging Capability

Distribution Amplifier

(2) Gain Conditioning

Control of 1004 Hz AML at initiation of service to 0dB ± 0.5dB.

(3) Stereo

Provision of a pair of gain/phase equalized channels for stereo applications. (Additional AP channel must be ordered separately.)

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ISSUED: September 17, 1992 BY: John L Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 KOV 7 1992

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### ACCESS SERVICE

# 7. <u>Special Access Service</u> (Cont'd)

# 7.2 <u>Service Descriptions</u> (Cont'd)

# 7.2.4 <a href="Program Audio Service">Program Audio Service</a> (Cont'd)

# (D) Optional Features and Functions (Cont'd)

The following table shows the technical specifica-tions packages with which the optional features and functions are available.

	Avai	labl	e wit	h Tec	hnical
	Spec	ific	s Pac	<u>kage</u>	
	<u> AP-</u>				
	C	1	2	3	4
Central Office Bridging					
Capability	X	X	X	X	X
Gain Conditioning	X	X	X	X	X
Stereo	X				X

# 7.2.5 Video Service

# (A) <u>Basic Channel Description</u>

A Video channel is a channel with one-way trans-mission capability for a standard 525 line/60 field monochrome, or National Television Systems Committee color, video signal and up to four associated 5 or 15 kHz audio signal(s). The associated audio signal(s) may be either diplexed or provided as one or two separate channels. bandwidth for a video channel is either 30 Hz to  $4.5~\mathrm{MHz}$  or  $30~\mathrm{Hz}$  to  $6.6~\mathrm{MHz}$ . provision and the bandwidth of the associated audio signal(s) is a function of the channel interface selected by the customer. Video channels are pro-vided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

ISSUED: Richard D. Lawson EFFECTIVE: May 3, 2000 State Executive, External Affairs June 2, 2000

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### ACCESS SERVICE

# Missouri Public Service Commission

- 7. <u>Special Access Service</u> (Cont'd)
  - 7.2 Service Descriptions (Cont'd)

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- 7.2.4 Program Audio Service (Cont'd)
  - (D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technica						
	Spec	cifica	Package	AP-			
	C	1	2	3	4		
Central Office Bridging							
Capability	X	X	X	X	X		
Gain Conditioning	X	X	Χ	X	X		
Stereo	X				X		

# 7.2.5 <u>Video Service</u>

(A) Basic Channel Description

A Video channel is a channel with one-way transmission capability for a standard 525 line/60 field monochrome, or National Television Systems Committee color, video signal and up to four associated 5 or 15 kHz audio signal(s). The associated audio signal(s) may be either diplexed or provided as one or two separate channels. The bandwidth for a video channel is either 30 Hz to 4.5 MHz or 30 Hz to 6.6 MHz. The provision and the bandwidth of the associated audio signal(s) is a function of the channel interface selected by the customer. Video channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

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ISSUED: May 3, 2000 Richard D. Lawson State Executive, External Affairs EFFECTIVE: June 2, 2000 (C)

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ACCESS SERVICE

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- 7. Special Access Service (Cont'd)
  - Service Descriptions (Cont'd)

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# 7.2.4 Program Audio Service (Cont'd)

#### (D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with :				Technical		
	Specifications I			s Pac	Package AP-		
	C	1	2	3	4		
Central Office Bridging							
Capability	X	X	X	X	X		
Gain Conditioning	Х	X	X	X	X		
Stereo	Х				X		

# 7.2.5 <u>Video Service</u>

#### (A) Basic Channel Description

A Video channel is a channel with one-way transmission capability for a standard 525 line/60 field monochrome, or National Television Systems Committee color, video signal and one or two associated 5 or 15 kHz audio signal(s). The associated audio signal(s) may be either diplexed or provided as one or two separate channels. The bandwidth for a video channel is either 30 Hz to 4.5 MHz or 30 Hz to 6.6 MHz. The provision and the bandwidth of the associated audio signal(s) is a function of the channel interface selected by the customer. Video channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

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ISSUED: September 17, 1992

BY: John L Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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# ACCESS SERVICE

- 7. <u>Special Access Service</u> (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.5 <u>Video Service</u> (Cont'd)
      - (B) <u>Technical Specifications Packages</u>

	Pac	ckage	TV-
<u>Parameter</u>	<u>C*</u>	<u>1</u>	<u>2</u>
Amplitude vs. Frequency Response Chrominance/Luminance Inequalitie			
Gain	X	X	X
Delay	X	X	X
Chrominance/Luminance Intermodula	tion	X	
Chrominance Nonlinear Gain	X		
Chrominance Nonlinear Phase	X		
Crosstalk	X		X
Differential Gain	X	X	X
Differential Phase	X	X	X
Dynamic Gain (picture and			
sync signal)	X		
Field-Time Distortion	X	X	X
Gain/Frequency Distortion	X	X	X
Gain Stability	X	X	X
Insertion Gain	X	X	X
Line-Time Distortion	X	X	X
Long-Time Distortion	X	X	X

\* The desired parameters are selected by the customer from the list of available parameters.

ISSUED: EFFECTIVE: September 17, 1992 November 7, 1992 Richard D. Lawson

September 17, 1992 State Executive, External Affairs

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7. <u>Special Access Service</u> (Cont'd)

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7.2 <u>Service Descriptions</u> (Cont'd)

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7.2.5 <u>Video Service</u> (Cont'd)

(B) <u>Technical Specifications Packages</u>

	Packa	ge TV-	
Parameter	<u>C*</u>	1	<u>2</u>
Amplitude vs. Frequency Response Chrominance/Luminance Inequalities	X		
Gain	x	x	x
Delay	X	X	X
Chrominance/Luminance Intermodulation	X	••	••
Chrominance Nonlinear Gain	X		
Chrominance Nonlinear Phase	X		
Crosstalk	X		X
Differential Gain	X	X	X
Differential Phase	X	X	X
Dynamic Gain (picture and			
sync signal)	X		
Field-Time Distortion	X	X	X
Gain/Frequency Distortion	X	X	X
Gain Stability	X	X	X
Insertion Gain	X	X	X
Line-Time Distortion	X	X	X
Long-Time Distortion	X	X	X

<sup>\*</sup> The desired parameters are selected by the customer from the list of available parameters.

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ISSUED: September 17, 1992 BY: John L Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 M.D. FULL DEFFECTIVE:

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# **ACCESS SERVICE**

- 7. Special Access Service (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.5 <u>Video Service</u> (Cont'd)
      - (B) <u>Technical Specifications Packages</u> (Cont'd)

		<u>Packa</u>	ge TV-
<u>Parameter</u>	<u>C</u> *	<u>1</u>	<u>2</u>
Luminance Nonlinearity Luminance Signal/CCIR	X		
Weighted Noise	Χ	Χ	Χ
Short-Time Distortion			
2 T Pulse	Χ	Χ	Χ
T - Bar Ringing	X	Χ	Χ
Signal/15 kHz Flat			
Weighted Noise	Χ	Χ	Χ
Signal/Low Frequency			
Noise	Χ		
Stereo Gain Difference	Χ	Χ	
Stereo Phase Difference	Χ	Χ	
Total Harmonic Distortion	Χ	Χ	Χ
Transient Sync Signal			
Non-Linearity	Χ		
Video/Audio Delay			
Difference	Χ		

The technical specifications are delineated in Technical Reference (T) *Publication GR-338*. (T)

<sup>\*</sup> The desired parameters are selected by the customer from the list of available parameters.

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# **ACCESS SERVICE**

Missouri Public

7. Special Access Service (Cont'd)

**REC'D JAN 15 2002** 

7.2 <u>Service Descriptions</u> (Cont'd)

Service Commission

7.2.5 <u>Video Service</u> (Cont'd)

(B) Technical Specifications Packages (Cont'd)

	Package TV-			
<u>Parameter</u>	<u>C</u> *	1	2	-
Luminance Nonlinearity	X			
Luminance Signal/CCIR				
Weighted Noise	Х	Х	Χ	
Short-Time Distortion				
2 T Pulse	Х	X	X	
T - Bar Ringing	Х	Х	Χ	
Signal/15 kHz Flat				
Weighted Noise	Χ	Х	Х	
Signal/Low Frequency				
Noise	Χ			
Stereo Gain Difference	Х	Х		
Stereo Phase Difference	Х	X		
Total Harmonic Distortion	X	Х	Х	
Transient Sync Signal				
Non-Linearity	Х			
Video/Audio Delay				
Difference	Χ			

The technical specifications are delineated in Technical Reference *Publication GR-338*.

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<sup>\*</sup> The desired parameters are selected by the customer from the list of available parameters.

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## ACCESS SERVICE

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7. <u>Special Access Service</u> (Cont'd)

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# 7.2 <u>Service Descriptions</u> (Cont'd)

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# 7.2.5 <u>Video Service</u> (Cont'd)

# (B) Technical Specifications Packages (Cont'd)

	Packa	ge_TV-	
Parameter	<u>C</u> *	1	2
Luminance Nonlinearity	x		
Luminance Signal/CCIR			
Weighted Noise	X	X	X
Short-Time Distortion			
2 T Pulse	X	X	X
T - Bar Ringing	X	X	X
Signal/15 kHz Flat			
Weighted Noise	X	X	X
Signal/Low Frequency			
Noise	X		
Stereo Gain Difference	X	X	
Stereo Phase Difference	X	X	
Total Harmonic Distortion	X	X	X
Transient Sync Signal			
Non-Linearity	X		
Video/Audio Delay			
Difference	X		

The technical specifications are delineated in Technical Reference TR-NPL-000338.

\* The desired parameters are selected by the customer from the list of available parameters.

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ISSUED: September 17, 1992 BY: John L Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 EFFECTIVE:

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## ACCESS SERVICE

# 7. <u>Special Access Service</u> (Cont'd)

# 7.2 <u>Service Descriptions</u> (Cont'd)

# 7.2.5 <u>Video Service</u> (Cont'd)

# (C) Channel Interfaces

The following channel interfaces (CIs) define the bandwidth and the provision of the audio signal(s) associated with a Video channel:

CI	Audio <u>Bandwidth</u>	<u>Provision</u>
2TV6-1 2TV6-2	15 kHz 15 kHz	1 Channel, diplexed 2 Channels,
diplexed		•
2TV7-1	15 kHz	1 Channel, diplexed
2TV7-2	15 kHz	2 Channels,
diplexed		
4TV6-5	5 kHz	1 Channel, separate
4TV6-15	15 kHz	1 Channel, separate
4TV7-5	5 kHz	1 Channel, separate
4TV7-15	15 kHz	1 Channel, separate
6TV6-5	5 kHz	2 Channels,
separate		
6TV6-15	15 kHz	2 Channels,
separate		
6TV7-5	5 kHz	2 Channels,
separate		
6TV7-15	15 kHz	2 Channels,
separate		

Compatible channel interfaces are set forth in 7.3.5(E) following.

# 7.2.6 Reserved for Future Use

# 7.2.7 Reserved for Future Use

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September 17, 1992

State Executive, External Affairs

Richard D. Lawson

November 7, 1992

# ACCESS SERVICE

7. Special Access Service (Cont'd) SEP 17 1992

7.2 Service Descriptions (Cont'd)

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- 7.2.5 <u>Video Service</u> (Cont'd)
  - (C) Channel Interfaces

The following channel interfaces (CIs) define the bandwidth and the provision of the audio signal(s) associated with a Video channel:

CI	Audio <u>Bandwidth</u>	<u>Provision</u>
2TV6-1	15 kHz	1 Channel, diplexed
2TV6-2	15 kHz	2 Channels, diplexed
2TV7-1	15 kHz	1 Channel, diplexed
2TV7-2	15 kHz	2 Channels, diplexed
4TV6-5	5 kHz	1 Channel, separate
4TV6-15	15 kHz	1 Channel, separate
4TV7-5	5 kHz	1 Channel, separate
4TV7-15	15 kHz	1 Channel, separate
6TV6-5	5 kHz	2 Channels, separate
6TV6-15	15 kHz	2 Channels, separate
6TV7-5	5 kHz	2 Channels, separate
6TV7-15	15 kHz	2 Channels, separate

Compatible channel interfaces are set forth in 7.3.5(E) following.

- 7.2.6 Reserved for Future Use
- 7.2.7 Reserved for Future Use

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Third Revised Page 317

# **ACCESS SERVICE**

- 7. Special Access Service (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.8 Digital Data Service
      - (A) Basic Channel Description

A Digital Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56 or 64 kbps. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Digital Data channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub where appropriate digital facilities are available as determined by the Telephone Company.

A Digital Service Unit/Channel Service Unit (DSU/CSU) or appropriate digital terminating equipment provided by the customer is required at the customer's premise to provide the proper interface between the Telephone Company network and the customer's equipment. The interim program for interconnection of such equipment is set forth in Technical Reference *Publication* PUB AS No. 1.

# (B) <u>Technical Specifications Packages</u>

		<u>Packac</u>	ge DA-	
<u>Parameter</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Error-Free Seconds	Χ	Χ	Χ	Х

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875% error-free seconds while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference *Publication MDP-326-726*.

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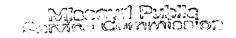
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ISSUED: January 15, 2002 SPRINT MISSOURI, INC. d/b/a SPRINT

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### ACCESS SERVICE

# Special Access Service (Cont'd)



7.2 Service Descriptions (Cont'd)

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7.2.8 Digital Data Service

# (A) Basic Channel Description

A Digital Data channel is a channel for duplex fourwire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56 or 64 kbps. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Digital Data channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub where appropriate digital facilities are available as determined by the Telephone Company.

A Digital Service Unit/Channel Service Unit (DSU/CSU) or appropriate digital terminating equipment provided by the customer is required at the customer's premise to provide the proper interface between the Telephone Company network and the customer's equipment. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

# (B) Technical Specifications Packages

			₽ã	ickage	DA-
Parameter		1	2	3	4
Error-Free	Seconds	$\overline{X}$	$\overline{X}$	$\overline{X}$	$\overline{X}$

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875% error-free seconds while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62310.

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ISSUED:

Richard D. Lawson September 10, 1999 State Executive, External Affairs



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7. Special Access Service (Cont'd)

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7.2 <u>Service Descriptions</u> (Cont'd)

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7.5.8 <u>United DigiLink Sm</u> Service

Basic Channel Description (A)

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A United DigiLink of channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56 or 64 kbps. The (C) ctual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's Public Service Commission United DigiLinksm channels are provided between customer designated premises. facilities to the customer in the received bit stream. customer designated premises or between a customer designated premises and a Telephone Company Hub where appropriate digital facilities are available as determined by the Telephone Company.

> A Digital Service Unit/Channel Service Unit (DSU/CSU) or appropriate digital terminating equipment provided by the customer is required at the customer's premise to provide the proper interface between the Telephone Company network and the customer's equipment. interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

#### (B) Technical Specifications Packages

		Pac	ckage I	<u>)A-</u>
<u>Parameter</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Error-Free Seconds	X	X	X	X

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875% error-free seconds while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62310.

<sup>sm</sup>Registered service mark of United Telecommunications, Inc.

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ISSUED:

December 7, 1995

BY: John L. Roe Vice President - Carrier and Regulatory Services 5454 West 110th Street Overland Park, Kansas 66211

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## ACCESS SERVICE

# 7. Special Access Service (Cont'd)

# 7.2 <u>Service Descriptions</u> (Cont'd)

# 7.2.8 Untited DigiLink™ Service

# (A) Basic Channel Description

A United DigiLink channel is a channel for duplex fourwire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2 or 56 kbps. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. United DigiLink channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub where appropriate digital facilities are available as determined by the Telephone Company.

A Digital Service Unit/Channel Service Unit (DSU/CSU) or appropriate digital terminating equipment provided by the customer is required at the customer's premise to provide the proper interface between the Telephone Company network and the customer's equipment. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

# (B) <u>Technical Specifications Packages</u>

	Pac	ckage 1	DA_	
<u>Parameter</u>	<u>1</u>	2	<u>3</u>	4
Error-Free Seconds	Х	X	X	X

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875% error-free seconds while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62310.

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BY: John L RoeMISSOURI

Vice President - Administration

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ISSUED: September 17, 1992 319 Madison Jefferson City, MO 65101 P.S.C. MO.-No.26

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# **ACCESS SERVICE**

- 7. Special Access Service (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.8 <u>Digital Data Service</u>(Cont'd)

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(D)

# (C) Channel Interfaces

The following channel interfaces (CIs) define the bit rates that are available for a Digital Data channel:

<u>CI</u>	Bit Rate	
DU-24	2.4 Kbps	
DU-48	4.8 Kbps	
DU-96	9.6 Kbps	
DU-19	19.2 Kbps	(Z)
DU-56	56.0 Kbps	
DU-64	64.0 Kbps	

Compatible channel interfaces are set forth in 7.3.5(H) following.

# (D) Optional Features and Functions

# (1) Central Office Bridging Capability

Provides for the parallel connection of one virtual circuit to another virtual circuit without interrupting the integrity or continuity of the first. This service is only available from a **c**ompany-designated digital hub.

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ISSUED: January 7, 2002 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101

EFFECTIVE: February 7, 2002

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### ACCESS SERVICE

#### 7. Special Access Service (Cont'd)

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# Service Descriptions (Cont'd)

# <u>Digital Data Service(Cont'd)</u>

# (B) Technical Specifications Packages (Cont'd)

Voltages which are compatible with Digital Data Service are delineated in Technical Reference PUB 62507.

# (C) Channel Interfaces

The following channel interfaces (CIs) define the bit rates that are available for a Digital Data channel:

CI	Bit	Rate
DU-24	2.4	kbps
DU-48	4.8	kbps
DU-96	9.6	kbps
	19.2	kbps
DU-56	56.0	kbps
DU-64	64.0	kbps

Compatible channel interfaces are set forth in 7.3.5(H) following.

# (D) Optional Features and Functions

## (1) Central Office Bridging Capability

Provides for the parallel connection of one virtual circuit to another virtual circuit without interrupting the integrity or continuity of the first. This service is only available from a Company designated digital hub.

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FILED JAN 17 2000

ISSUED: December 17, 1999

Richard D. Lawson State Executive, External Affairs January 17, 2000

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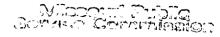
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## ACCESS SERVICE



- 7. Special Access Service (Cont'd)
  - 7.2 Service Descriptions (Cont'd)

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7.2.8 Digital Data Service(Cont'd)

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(B) Technical Specifications Packages (Cont'd)

Voltages which are compatible with Digital Data Service are delineated in Technical Reference PUB 62507. (T)

(C) Channel Interfaces

The following channel interfaces (CIs) define the bit rates that are available for a Digital Data channel: (T)

Bit Rate

CI	Bit	Rate
DU-24	2.4	kbps
DU-48	4.8	kbps
DU-96	9.6	kbps
	19.2	kbps
DU-56	56.0	kbps
·DU-64	64.0	kbps

Compatible channel interfaces are set forth in 7.3.5(H) following.

- (D) Optional Features and Functions
  - (1) Central Office Bridging Capability

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7. <u>Special Access Service</u> (Cont'd)

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7.2 <u>Service Descriptions</u> (Cont'd)

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7.2.8 <u>United DigiLink sm</u> Service (Contd)

(B) <u>Technical Specifications Packages</u> (Cont'd)

Voltages which are compatible with United DigiLink sm Service are delineated in Technical Reference PUB 62507.

(C) Channel Interfaces

The following channel interfaces (CIs) define the bit rates that are available for a United DigiLink sm channel:

<u>CI</u>	<u>Bit</u>	<u>Rate</u>	
DU-24	2.4	kbps	
DU-48	4.8	kbps	
DU-96	9.6	kbps	
	19.2	kbps	
DU-56	56.0	kbps	
DU-64	64.0	kbps	(N)

Compatible channel interfaces are set forth in 7.3.5(H) following.

## (D) Optional Features and Functions

(1) <u>Central Office Bridging Capability</u>

# (2) Transfer Arrangement

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An arrangement that affords the customer an additional measure of protection and/or flexibility in the use of their access channel(s) on a lxN basis. The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. This arrangement is only available at a Telephone Company designated by key activated or dial-up control service is required to operate the transfer arrangement. A spare channel if required, is not included as a part of the options

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ISSUED:

December 7, 1995

BY: John L. Roe

Vice President - Carrier and Regulatory Services
5454 West 110th Street
Overland Park, Kansas 66211

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### ACCESS SERVICE

#### 7. Special Access Service (Cont'd)

#### 7.2 Service Descriptions (Cont'd)

# 7.2.8 United DigiLink Service (Cont'd)

#### Technical Specifications Packages (Cont'd) (B)

Voltages which are compatible with United DigiLink™ Service are delineated in Technical Reference PUB 62507.

#### Channel Interfaces (C)

The following channel interfaces (CIs) define the bit rates that are available for a United DigiLink\* channel:

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<u>CI</u>	<u>Bit Rate</u>	2
DU-24	2.4 kbr	os
DU-48	4.8 kbr	os JAN 8 1996
DU-96	9.6 kbr	
	19.2 kbp	BY /OF (1, 3, 3, 18)
DU-56	56.0 kbg	
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Compatible channel interfaces are set forth in 7.3.5(H) following.

#### (D) Optional Features and Functions

#### Central Office Bridging Capability (1)

#### (2) Transfer Arrangement

An arrangement that affords the customer an additional measure of protection and/or flexibility in the use of their access channel(s) on a lxN basis. The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. This arrangement is only available at a Telephone Company designated hub. A key activated or dial-up control service is required to operate the transfer arrangement. A spare channel if required, is not included as a part of the option.

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BY: John L Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211

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## ACCESS SERVICE

- 7. Special Access Service (Cont'd)
  - Service Descriptions (Cont'd)
    - 7.2.8 <u>Digital Data Service</u> (Cont'd)
      - (D) Optional Features and Functions (Cont'd)
        - (2) Data Amplification

Provides for data transmission when the customer is located beyond the normal range of 42 decibel (dB) loss for digital data service (56.0 kbps and 64.0 kbps). The dB loss is determined by the route and length of the cable in addition to the gauge of the cable from the last signaling point (usually, but not always the switching office) to the customer's premise. When the dB loss is greater than 42, a repeater and

associated equipment must be installed to regenerate the digital signal for accurate and acceptable data transmission to occur.

ISSUED:

Richard D. Lawson May 3, 2000 State Executive, External Affairs June 2, 2000

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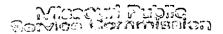
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### ACCESS SERVICE



- 7. Special Access Service (Cont'd)
  - 7.2 Service Descriptions (Cont'd)

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7.2.8 Digital Data Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(2) Data Amplification

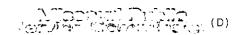
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Provides for data transmission when the customer is located beyond the normal range of 42 decibel (dB) loss for high speed digital data service. The dB loss is determined by the route and length of the cable in addition to the gauge of the cable from the last signaling point (usually, but not always the switching office) to the customer's premise. When the dB loss is greater than 42, a repeater and associated equipment must be installed to regenerate the digital signal for accurate and acceptable data transmission to occur.

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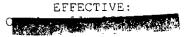
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Richard D. Lawson September 10, 1999 State Executive, External Affairs



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7. Special Access Service (Cont'd) JUN 28 1999

- 7,2 Service Descriptions (Cont'd)
  - 7.2.8 United DigiLink Service (Cont'd) MU. FUDLIU SERVICE UVINIM
    - (D) Optional Features and Functions (Cont'd)
      - (3) Data Amplification

Provides for data transmission when the customer is located beyond the normal range of 42 decibel (dB) loss for high speed digital data service. The dB loss is determined by the route and length of the cable in addition to the gauge of the cable from the last signaling point (usually, but not always the switching office) to the customer's premise. When the dB loss is greater than 42, a repeater and associated equipment must be installed to regenerate the digital signal for accurate and acceptable data transmission to occur.

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# **ACCESS SERVICE**

# 7. Special Access Service (Cont'd)

# 7.2 <u>Service Descriptions</u> (Cont'd)

# (D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package D				
Central Office Bridging	<u>1</u>	<u>2</u>	3	4	<u> </u>
Capability	Χ	X	Χ	X	
Data Amplification					X

# 7.2.9 High Capacity Service

# (A) Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 1.544, 3.152, 6.312, 44.736, and 274.176 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub, where appropriate digital facilities are available as determined by the Telephone Company.

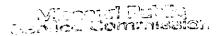
The customer must furnish the Digital Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program for interconnection of such equipment is set forth in Technical Reference *Publication* PUB AS No. 1.

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### ACCESS SERVICE



#### 7. Special Access Service (Cont'd)

#### 7.2 Service Descriptions (Cont'd)

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#### (D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

			ith Techr ns Packaq		
Central Office Bridging	1	2	<u>3</u>	4	
Capability	X	X	X	X	(D)
Data Amplification				v	(D)

Data Amplification

#### 7.2.9 High Capacity Service

(T)

# (A) Basic Channel Description

A High Capacity channel is a channel for the (T) transmission of nominal 1.544, 3.152, 6.312, 44.736, (C) and 274.176 Mbps isochronous serial data. The actual (C) bit rate and framing format is a function of the channel interface selected by the customer. High (T) Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub, where appropriate digital facilities are available as determined by the Telephone Company.

The customer must furnish the Digital Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

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Richard D. Lawson September 10, 1999 State Executive, External Affairs EFFECTIVE:

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#### 7. Special Access Service (Cont'd)

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#### 7.2 Service Descriptions (Cont'd)

# 7.2.8 United DigiLink Service (Cont'd) MU. FUDLIU SERVICE CUMM

# (D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

•		ical e DA-			
Central Office Bridging	1	2	<u>3</u>	<u>4</u>	
Capability	X	Х	X	X	
Transfer Arrangement	X	X	X	X	
Data Amplification				X	(N)

# 7.2.9 United TransLink SM

# (A) Basic Channel Description

A United TransLink  $^{\rm SM}$  channel is a channel for the transmission of nominal 64.0 kbps\* or 1.544 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. United TransLink SM channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub, where appropriate digital facilities are available as determined by the Telephone Company.

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The customer must furnish the Digital Network Channel Terminating Equipment associated with the United TransLink  $^{s\bar{M}}$  or other High capacity channel at the customer's premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No MISSOUT:

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Richard D. Lawson June 28, 1999 State Executive, External Affairs July 28, 1999

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Available only as a channel of a 1.544 Mbps facility between two Telephone Company Digital Data Hubs or as a cross connect of two 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 kbps channels of two 1.544 Mbps facilities to a Digital Data Hub. The customer must provide system and channel assignment data.

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# 7. Special Access Service (Cont'd)

# 7.2 <u>Service Descriptions</u> (Cont'd)

# 7.2.8 United DigiLink Service (Cont'd)

# (D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical				
	Specifications Package Da				
	<u>1</u>	2	3	<u>4</u>	
Central Office Bridging					
Capability	X	X	X	X	
Transfer Arrangement	X	X	X	X	

# 7.2.9 United TransLink\*

# (A) Basic Channel Description

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By \ RS # 319 Public Service Commission MISSOURI A United TransLink channel is a channel for the transmission of nominal 64.0 kbps\* or 1.544 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. United TransLink channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub, where appropriate digital facilities are available as determined by the Telephone Company.

The customer must furnish the Digital Network Channel Terminating Equipment associated with the United TransLink\* or other High capacity channel at the customer's premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

- \* Available only as a channel of a 1.544 Mbps facility between two Telephone Company Digital Data Hubs or as a cross connect of two 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 kbps channels of two 1.544 Mbps facilities to a Digital Data Hub. The customer must provide system and channel assignment data.
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ISSUED: September 17, 1992 BY: John L Roe Vice President - Administration 5454 West 110th Street Overland Park, Kansas 66211 MO. For the EFFECTIVE:

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# ACCESS SERVICE

- 7. Special Access Service (Cont'd)
  - 7.2 <u>Service Descriptions</u> (Cont'd)
    - 7.2.9 <u>High Capacity Service</u> (Cont'd)
      - (A) Basic Channel Description (Cont'd)

Fractional DS1 channels provide simultaneous, two-way transmission at contiguous bit rates of 128.0, 256.0 and 384.0 kbps. Fractional DS1 channels operate over the combined bandwidth of adjacent channels to create a contiguous bit rate. Due to technical limitations associated with the provision of Fractional DS1, this service will be offered only in end offices where a compatible channel bank exists and the distance between the central office and the customer designated premises is less than or equal to 12,000 feet.

(B) <u>Technical Specifications Packages</u>

 Parameter
 0
 1
 IC
 2
 3
 4

 Error-Free Seconds
 X
 X
 X

A channel with technical specifications package HC1 will be capable of error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference *Publication GR-54*.

(C) Channel Interfaces

The following channel interface (CIs) defined the bit rates that are available for a High Capacity channel:

<u>CI</u> DS-15	Bit Rate 1.544 Mbps (DS1)	(T)
DS-31 DS-44	3.152 Mbps (DS1C) 44.736 Mbps (DS3)	

Compatible channel interfaces are set forth in 7.3.5(I) following.

(D)

(D)

ISSUED: January 7, 2002 Richard D. Lawson State Executive, External Affairs 319 Madison Jefferson City, MO 65101

EFFECTIVE: February 7, 2002

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### ACCESS SERVICE

# Special Access Service (Cont'd)

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# Service Descriptions (Cont'd)

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## High Capacity Service (Cont'd)

(A) Basic Channel Description (cont'd)

(M)

(M)

Fractional DS1 channels provide simultaneous, two-way transmission at contiguous bit rates of 128.0, 256.0 and 384.0 kbps. Fractional DS1 channels operate over the combined bandwidth of adjacent channels to create a contiguous bit rate. Due to technical limitations associated with the provision of Fractional DS1, this service will be offered only in end offices where a compatible channel bank exists and the distance between the central office and the customer designated premises is less than or equal to 12,000 feet.

# (B) Technical Specifications Packages

		Package HC-				
Parameter	0	1	IC	2	3	4
Error-Free Seconds	$\overline{x}$	$\overline{X}$				

A channel with technical specifications package HCl will be capable of error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62411.

### (C) Channel Interfaces

(D)

. The following channel interface (CIs) defined the bit rates that are available for a High Capacity channel:

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CI	Bit Rate	
DS-15	1.544 Mbps (DS1)	
DS-27	274.176 Mbps (DS4)	(M)
DS-31	3.152 Mbps (DS1C)	
DS-44	44.736 Mbps (DS3)	
DS-63	6.312 Mbps (DS2)	(M)

Compatible channel interfaces are set forth in 7.3.5(I) following.

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Certain material found on this page was moved from pages 324 and 325.

Richard D. Lawson September 10, 1999 State Executive, External Affairs



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## ACCESS SERVICE

Special Access Service (Cont'd) 7.

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Service Descriptions (Cont'd)

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- 7.2.9 United TransLink Service (Cont'd)
  - (B) Technical Specifications Packages

		Package HC-					_
<u>Parameter</u>		<u>0</u>	1	IC	2	<u>3</u>	<u>4</u>
Error-Free	Seconds		X				

A channel with technical specifications package HCl will be capable of error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62411.

Channel Interfaces (C)

> The following channel interface (CIs) defined the bit rates that are available for a United TransLink channel:

CI Bit Rate DS-15\* 1.544 Mbps (DS1)

Compatible channel interfaces are set forth in 7.3.5(I) following.

\* A 64.0 kbps channel is available as a channel(s) of a 1.544 Mbps facility to a Telephone Company Hub.

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