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ACCESS SERVICE

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CONCURRING CARRIERS

NO CONCURRING CARRIERS

CONNECTING CARRIERS

NO CONNECTING CARRIERS

OTHER PARTICIPATING CARRIERS

NO OTHER PARTICIPATING CARRIERS

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Explanation of Symbols

(C)	To signify changed regulation.
(D)	To signify discontinued rate or regulation.
(I)	To signify increase.
(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)	To signify a correction.

Explanation of Abbreviations

ac	Alternating Current
ANI	Automatic Number Identification
AULP	Annual Underutilization Liability Per Pair
AP	Program Audio
BNA	Billing Name and Address
CCSA	Common Control Switching Arrangement(s)
CLLI	Common Language Location Identification
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
dBrnC	Decibel Reference Noise C Message Weighted O
dc	direct current
EPSCS	Enhanced Private Switched Communications Service
ESS	Electronic Switching System
ESSX	Electronic Switching System Exchange
EUCL	End User Common Line
800 DB	800 Data Base
f	frequency
FCC	Federal Communications Commission
FX	Foreign Exchange
HC	High Capacity
Hz	Hertz
IC	Interexchange Carrier
ICB	Individual Case Basis
ILP	Initial Liability Period
kbps	kilobits per second
kHz	kilohertz
LDMTS	Long Distance Message Telecommunications Service(s)
Ma	millamperes
Mbps	Megabits per second
Mhz	Megahertz
MOU	Minutes of Use

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Explanation of Abbreviations (Cont'd)

MRC	Monthly Recurring Charge
MTL	Maximum Termination Liability
NB	Narrowband
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
PLR	Private Line Ringdown
RC	Rate Category
rms	root mean square
SMS/800	Service Management System/800
SSN	Switched Service Network
SWC	Serving Wire Center
TES	Telephone Exchange Service(s)
TV	Television
USOC	Uniform Service Order Code
VG	Voice Grade
V&H	Vertical & Horizontal
WA	Wideband Analog
WATS	Wide Area Telecommunications Service(s)
WCH	Wire Center Horizontal
WCV	Wire Center Vertical
WD	Wideband Digital

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Reference to Other Tariffs

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

Reference to Technical Publications

The following technical publications are referenced in this tariff and may be obtained from the respective agencies listed below, and from the Federal Communications Commission's commercial contractor:

## Technical Reference:

Federal Aviation Administration (FAA)  
Specifications S-1142a  
Issued: April, 1964

Available: April, 1964

Department of Transportation  
Federal Aviation Administration  
800 Independence Avenue, SW  
Washington, D.C. 20591

Electronic Industries Association, RS-250-B  
Issued: September, 1976

Available: September, 1976

Electronic Industries Association  
2001 Eye Street, NW  
Washington, D.C. 20006

Publications as No. 1  
Issued: March, 1984

Available: April, 1984

National Exchange Carrier Association, Inc.  
Group Manager - Tariff Administration  
100 South Jefferson Road  
Whippany, N.J. 07981

The following technical publications are reference in this tariff and may be obtained for the Literary Data Center, Inc., G.P.O. Box C-9104, Brooklyn, N.Y. 11202

## Technical Reference:

Publication 41001  
Issued: October, 1983

Available: October, 1978

Publication 62310  
Issued: September, 1983

Available: October, 1983

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Reference to Technical Publications (Cont'd)

Publication 62411 Issued: September, 1983	Available: October, 1983
Publication 62500 Issued: December, 1983	Available: March 15, 1984
Publication 62501 Issued: December, 1983	Available: March 15, 1984
Publication 62501 Addendum Issued: December, 1983	Available: April, 1984
Publication 62502 Issued: December, 1983	Available: January, 1984
Publication TR NPL 000337 Issued: July, 1987	Available: July, 1987
Publication 62503 Addendum Issued: March, 1984	Available: April, 1984
Publication 62504 Issued: December, 1983	Available: March 15, 1984
Publication 62504 Addendum Issued: March, 1984	Available: April, 1984
Publication 62505 Issued: December, 1983	Available: January, 1984
Publication 62505 Addendum Issued: March, 1984	Available: April, 1984
Publication 62506 Issued: December, 1983	Available: January, 1984
Publication 62507 Issued: December, 1983	Available: March 15, 1984
Publication 62508 Issued: December, 1983	Available: January, 1984



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Reference to Technical Publications (Cont'd)

MECAB (Multiple  
Exchange Carrier  
Access Billing) Issue 2  
Issued: December, 1989

Available: December, 1989

MECOD (Multiple  
Exchange Carrier  
Ordering and Design  
Guidelines) Version 3  
Issued: November, 1989

Available: November, 1989

The following Service  
Vendor Handbook referenced  
in this tariff may be obtained  
from the following office:

Government Printing Office  
Superintendent of Documents  
Document Control Branch  
941 North Capital Street, NE  
Washington, D.C. 20402 9325

NSEP TSP  
Service Vendor  
Handbook 3 1 2  
Issued: July 9, 1990

Available: August, 1990

The following publication is referenced in this tariff and may be obtained from Bellcore Number  
Administration and Service Center (NASC), 920 West Mount Pleasant Avenue, Livingston, New Jersey  
07039 0486.

Guidelines for 800 Data Base, Issue 2.0  
Issued: November, 1992

Available: November, 1992

The following publication is referenced in this tariff and may be obtained from Bellcore Communications  
Research, Customer Services, 8 Corporate Place, Piscataway, NJ 08854

SMS/800 User Guide: 800 Service Management, Issue 10  
Issued: January, 1993

Available: January, 1993

