

ACCESS SERVICE
CHECK SHEETS

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EXPLANATION OF SYMBOLS

- (C) - To signify changed regulation.
- (D) - To signify discontinued rate or regulation.
- (I) - To signify increase to a rate or charge.
- (M) - To signify matter relocated without change.
- (N) - To signify new rate or regulation.
- (R) - To signify reduction to a rate or charge.
- (S) - To signify matter reissued without change.

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

- (Z) - To signify a correction.

EXPLANATION OF ABBREVIATIONS

ACR -Alternate Carrier Routing
ADA -Abbreviated Dialing Arrangement
ADM -Add/Drop Multiplexing
ADSL -Asymmetric Digital Subscriber Line
AIN -Advance Intelligent Network
AML -Actual Measured Loss
ANI -Automatic Number Identification
AP -Program Audio
AT&T -AT&T Corp.
BHMC -Busy Hour Minutes of Capacity
CCS -Common Channel Signaling
CDP -Customer Designated Premises
CI -Channel Interface
CIR -Committed Information Rate
CNP -Charge Number Parameter
CO -Central Office
Cont'd -Continued
CPE -Customer Provided Equipment
CPN -Calling Party Number
CSP -Carrier Selection Parameter
DA -Directory Assistance
dB -Decibel
dBrnC -Decibel Reference Noise C-Message Weighting
dBrnC0 -Decibel Reference Noise C-Message Weighted 0
dc -direct current
DDD -Direct Distance Dialing
DSL -Digital Subscriber Line
EAS -Extended Area Service
EDD -Envelope Delay Distortion
EML -Expected Measured Loss
EPL -Echo Path Loss
ERL -Echo Return Loss
ESS -Electronic Switching System
ESSX -Electronic Switching System Exchange
f -frequency
F.C.C. - Federal Communications Commission
FRAS - Frame Relay Access Service

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EXPLANATION OF ABBREVIATIONS (Cont'd)

GETS - Government Emergency Telecommunications Service
HC - High Capacity
HPC - High Probability of Completion
Hz - Hertz
IC - Interexchange Carrier
ICB - Individual Case Basis
ICL - Inserted Connection Loss
kbps - kilobits per second
kHz - kilohertz
LAN - Local Area Network
LATA - Local Access and Transport Area
LNP - Local Number Portability
LRN - Location Routing Number
ma - milliamperes
Mbps - Megabits per second
mcs - Microsecond
MHz - Megahertz
MRC - Monthly Recurring Charge
MT - Metallic
MTS - Message Telecommunications Service(s)
NPA - Numbering Plan Area
NRC - Nonrecurring Charge
NXX - Three-Digit Central Office Code
OC - Optical Carrier
OLT - Optical Line Termination
PBX - Private Branch Exchange
PIC - Presubscribed Interexchange Carrier
POT - Point of Termination
PVC - Permanent Virtual Connection
SAC - Service Access Code
SDSL - Symmetric Digital Subscriber Line
SNAL - Signaling Network Access Line
SONET - Synchronous Optical Network
SP - Signaling Point
SPOI - Signaling Point of Interface
SRL - Singing Return Loss
SSP - Service Switching Point
SS7 - Signaling System 7
STP - Signal Transfer Point
STS - Synchronous Transport Signal
SWC - Serving Wire Center
TG - Telegraph Grade
TLP - Transmission Level Point
TV - Television
VG - Voice Grade
V & H - Vertical & Horizontal
WATS - Wide Area Telecommunications Service(s)
WSC - Wireless Switching Center
WSO - WATS Serving Office

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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.

The following tariffs are referenced in this tariff and may be obtained from the Federal Communications Commission's commercial contractor:

National Exchange Carrier
Association, Inc.
Special Construction
Tariff F.C.C. No. 3

National Exchange Carrier
Association, Inc.
Wire Center Information
Tariff F.C.C. No. 4

REFERENCE TO TECHNICAL PUBLICATIONS

The following technical publications are referenced in this tariff and may be obtained from Telcordia Technologies Inc. (formerly Bell Communications Research, Inc., Inc.-Bellcore), Direct Sales, 8 Corporate Place, Piscataway, NJ 08854-4156 (www.telcordia.com).

Technical Reference:

GR-253-CORE Issue 2 Synchronous Optical Network (SONET)
Transport Systems: Common Generic Criteria
Issued: December, 1995

GR-1374-CORE Issue 1 SONET Inter-Carrier Interface Physical
Layer Generic Criteria for Carriers
Issued: December, 1994

Multiple Exchange Carrier Access Billing (MECAB) Guidelines
Issued: February, 1998

Multiple Exchange Carrier Ordering and Design (MECOD) Guidelines
Issued: March, 2000

PUB 41004 Data Communications Using Voiceband Private Line Channels
Issued: October, 1973

PUB 62310 (MdDP-326-726) Digital Data System Channel Interface
Specification
Issued: September, 1983

PUB 62411 High Capacity Digital Service Channel Interface
Specification
Issued: September, 1983, Addendum October, 1984

TR-NPL-000258 Compatibility Information for Feature Group D
Switched Access Service
Issued: October, 1985

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GR-334-CORE Issue 1 Switched Access Service:
Transmission Parameter Limits and Interface Combinations
Issued: June, 1994

TR-TSY-000335 Issue 2 Voice Grade Special Access Service - Transmission
Parameter Limits and Interface Combinations
Issued: May, 1990

TR-NPL-000336 Metallic and Telegraph Grade Special Access Service -
Transmission Parameter Limits and Interface Combinations
Issued: October, 1987

TR-NPL-000337 Program Audio Special Access Service and Local Channel
Services
Issued: July, 1987

TR-NPL-000338 Television Special Access and Local Channel Services -
Transmission Parameter Limits and Interface Combinations
Issued: December, 1986

TR-NWT-000341 Digital Data Special Access Service - Transmission
Parameter Limits and Interface Combinations
Issued: Issue 2, February, 1993

TR-INS-000342 High Capacity Digital Special Access Service
Issued: February, 1991

SR-STIS-000307 Issue 5 NC/NCI Code Dictionary
Issued: May, 1994

TR-TSY-000506 LATA Switching Systems Generic Requirements (LSSGR)
Section 6
Issued: October, 1987, Revised December, 1988, Revised June, 1990

TR-NPL-000054 High Capacity Digital Service (1.544 Mbps) Interface
Generic Requirements for End Users
Issued: April, 1989
Available: April, 1989

TR-TSV-000905 Common Channel Signaling Network Interface
Specification Supplement 1
Available: August, 1989

TR-TSV-001370 Generic Requirements for Exchange Access Frame
Relay PVC Service
Issued: Issue 1, May 1993

GR-394-CORE Issue 2 Switching System Generic Requirements for
Interexchange Carrier Interconnection Using the Integrated
Services Digital Network User Part (ISDNUP)
Issued: November 1998

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REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

GR-2936-CORE Issue 3 Local Number Portability (LNP) Capability
Specification Service Provider Portability
Issued: November 1997

Telecommunications Transmission Engineering
Volume 3 - Networks and Services (Chapters 6 and 7)
Third Edition, 1980
Issued: August 1989

The following technical publication is referenced in this tariff and may be obtained from the National Exchange Carrier Association, Inc., Director - Access Tariffs, 100 So. Jefferson Road, Whippany, NJ 07981 and the Federal Communications Commission's commercial contractor.

PUB AS No. 1, Issue II Access Service
Issued: May, 1984
Addendum: March, 1987

The following publications are referenced in this tariff and may be obtained from the Government Printing Office, Superintendent of Documents, Document Control Branch, 941 N. Capital St., N.E., Washington, D.C. 20401.

Telecommunications Service Priority (TSP) System for National Security
Emergency Preparedness (NSEP) Service Vendor Handbook, National
Communications System (NCSH 3-1-2).

Issued: July, 1990
Available: August, 1990

Telecommunication Service Priority (TSP) System for National Security
Emergency Preparedness (NSEP) Service User Manual, National
Communications System (NCSM 3-1-1).

Issued: July, 1990
Available: August, 1990

The following publication is referenced in this tariff and may be obtained from Director-Sales Operations, Integrated Network Corporation, P.O. Box 6875, Bridgewater, N.J. 08807

Integrated Network Corporation
Document CB-INC-100
Available: June, 1990

The following publication is referenced in this tariff and may be obtained from AT&T, 26 Parsippany Road, Whippany, N.J. 07981.

AT&T PUB 62310
(and its Addendum 2 and Addendum 3)
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REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

The following technical publications are referenced in this tariff and may be obtained from American National Standards Institute, 1430 Broadway, New York, New York 10018.

ANSI T1.102-1993, Digital Hierarchy - Electrical Interfaces.

ANSI T1.105-1995, Synchronous Optical Network (SONET) - Basic Description including Multiplex Structure, Rates and Formats.

ANSI T1.602-1996, Integrated Services Digital Network (ISDN) - Data-Link Layer Signaling Specification for Application at the User-Network Interface.

ANSI T1.606-1990, Integrated Services Digital Network (ISDN) - Architectural Framework and Service Description for Frame-Relaying Bearer Service.

ANSI T1.606a-1992, Supplement to ANSI T1.606-1990 Integrated Services Digital Network (ISDN) - Architectural Framework and Service Description for Frame-Relaying Bearer Service (Congestion Management and Frame Size).

ANSI T1.606b-1993, Supplement to ANSI T1.606-1990 Integrated Services Digital Network (ISDN) - Architectural Framework and Service Description for Frame-Relaying Bearer Service (Network-to-Network Interface Requirements).

ANSI T1.617-1991, Integrated Services Digital Network (ISDN) - Signaling Specification for Frame Relay Bearer Service for Digital Subscriber Signaling System Number 1 (DSS1).

ANSI T1.617a-1994, Integrated Services Digital Network (ISDN) - Signaling Specification for Frame Relay Bearer Service for Digital Subscriber Signaling System Number 1 (DSS1) (Protocol Encapsulation and PICS).

ANSI T1.618-1991, Integrated Services Network (ISDN) - Core Aspects of Frame Protocol for Use with Frame Relay Bearer Service.

ANSI T1.413-1998, Network and Customer Installation Interfaces - Asymmetric Digital Subscriber Line (ADSL) Metallic Interface.

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REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

The following technical publication is referenced in this tariff and may be obtained from the Institute of Electrical and Electronics Engineers, Inc. (IEEE), 445 Hoes Lane, P.O. Box 1331, Piscataway, NJ 08855-1331 (www.ieee.org).

IEEE Std. 802.3 - 2000, part 3, Clauses 14, 21 and 29 - Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements.

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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, Special Access, and other miscellaneous services, hereinafter referred to collectively as service(s). These services are provided to customers by the Issuing Carriers of this tariff, hereinafter the Telephone Company. This tariff also contains Access Ordering regulations and charges that are applicable when these services are ordered or modified by the customer.
- 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 (Omitted, not applicable to the State of Michigan.)

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