

ACCESS SERVICE

USER'S GUIDE

CONCURRING CARRIERS

NO CONCURRING CARRIERS

CONNECTING CARRIERS

NO CONNECTING CARRIERS

OTHER PARTICIPATING CARRIERS

NO OTHER PARTICIPATING CARRIERS

REGISTERED SERVICE MARKS

NONE

REGISTERED TRADEMARKS

NONE

ACCESS SERVICEEXPLANATION 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 — Advanced 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
 CN — Charge Number
 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
 dB_{rnC} — Decibel Reference Noise C-Message Weighting
 dB_{rnCO} — Decibel Reference Noise C-Message Weighted O
 dc — direct current
 DDD — Direct Distance Dialing
 DSL — Digital Subscriber Line
 EAS — Extended Area Service
 EDD — Envelope Delay Distortion

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ACCESS SERVICEEXPLANATION OF ABBREVIATIONS (Cont'd)

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
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
ISDN BRI	—	Integrated Services Digital Network Basic Rate Interface
ISDN PRI	—	Integrated Services Digital Network Primary Rate Interface
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 Prefix
OC	—	Optical Carrier
OLT	—	Optical Line Termination
PBX	—	Private Branch Exchange
PIC	—	Presubscribed Interexchange Carrier
POT	—	Point of Termination
PSTN	—	Public Switched Telephone Network
PVC	—	Permanent Virtual Connection
SAC	—	Service Access Code
SDSL	—	Symmetric Digital Subscriber Line
SNAL	—	Signaling Network Access Line
SONET	—	Synchronous Optical Network

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ACCESS SERVICEEXPLANATION OF ABBREVIATIONS (Cont'd)

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	
TDM	— Time Division Multiplexing	(N)
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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ACCESS SERVICE**REFERENCE TO OTHER TARIFFS**

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

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.	National Exchange Carrier Association, Inc.	National Exchange Carrier Association, Inc.
Special Construction Tariff F.C.C. No. 3	Wire Center Information Tariff F.C.C. No. 4	Access Service Tariff F.C.C. No. 5

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. — 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

PUB 41004 (MDP-326-584) Data Communications Using Voiceband Private Line Channels
Issued: November 1973

PUB 62310 (MDP-326-584) Digital Data System Channel Interface Specification
Issued: September 1983

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

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

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REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

TR-NWT-000335 Issue 3 Voice Grade Special Access Service — Transmission Parameter Limits and Interface Combinations

Issued: May 1993

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

Issued: November 1987

GR-337-CORE Issue 1 Program Audio Special Access Service and Local Channel Services

Issued: December 1995

GR-338-CORE Issue 1 Television Special Access and Local Channel Services — Transmission Parameter Limits and Interface Combinations

Issued: December 1995

TR-NWT-000341 Digital Data Special Access Service — Transmission Parameter Limits and Interface Combinations

Issued: Issue 2, February 1993

GR-342-CORE Issue 1 High Capacity Digital Special Access Service — Transmission Parameter Limits and Interface Combinations

Issued: December 1995

NC/NCI (Network Channel/Network Channel Interface) Decoder

Issued: June 2001

GR-506-CORE Issue 1 LATA Switching Systems Generic Requirements (LSSGR)

Issued: June 1996

GR-54-CORE Issue 1 DS1 High Capacity Digital Service — End User Metallic Interface Specifications

Issued: December 1995

GR-905-CORE Issue 4 Common Channel Signaling Network Interface Specification

Available: December 2000

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)

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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, 80 South 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 North Capital Street, NE, Washington, DC 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, PO Box 6875, Bridgewater, NJ 08807.

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

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ACCESS SERVICE**REFERENCE TO TECHNICAL PUBLICATIONS** (Cont'd)

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

AT&T PUB 62310 (and its Addendum 2 and Addendum 3)
Available: November 1989

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

The following technical publications are referenced in this tariff and may be obtained from the Alliance for Telecommunications Industry Solutions (ATIS), 1200 G Street NW, Suite 500, Washington, DC 20005 (www.atis.org).

Multiple Exchange Carrier Access Billing (MECAB) Guidelines

Issued: January 2003

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Multiple Exchange Carrier Ordering and Design (MECOD) Guidelines

Issued: February 2002

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The following technical publications are referenced in this tariff and may be obtained from the ATM Forum, Presidio of San Francisco, P.O. Box 29920, 572B Ruger Street, San Francisco, CA 94129-0920 (www.atmforum.com).

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The ATM Forum Technical Committee, ATM User-Network Interface (UNI) Signaling Specification, Version 4.0, af-sig-0061.000, July, 1996.

The ATM Forum Technical Committee, BISDN Inter Carrier Interface (B-ICM) Specification, Version 2.0 (Integrated), af-bici-0013.003, December 1995.

The ATM Forum Technical Committee, Private Network – Network Interface Specification, Version 1.0 (PNNI 1.0) af-pnni-0055.000, March, 1996.

The following technical publications are referenced in this tariff and may be viewed online without charge on the Internet Engineering Task Force web site (www.ietf.org) using the “RFC Pages” link.

Request for Comments (RFC) 791, Internet Protocol, DARPA Internet Program Protocol, DARPA Internet Program Protocol Specification, September 1981.

Request for Comments (RFC) 1483, Multiprotocol Encapsulation over ATM Adaptation Layer 5, July 1993.

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