

Supplement No. 13  
to  
PA P.U.C. Tariff No. 12

TITLE PAGE

**CONSOLIDATED COMMUNICATIONS OF PENNSYLVANIA COMPANY**

**REGULATIONS AND SCHEDULE OF INTRASTATE CHARGES  
APPLYING TO INTRASTATE ACCESS SERVICE  
WITHIN THE STATE OF PENNSYLVANIA**

Issued: April 22, 2008

Effective: May 21, 2008

By:

Regulatory and Public Policy  
Consolidated Communications of Pennsylvania Company  
4008 Gibsonia Road  
Gibsonia, PA 15044

---

This Tariff Establishes Rates and Regulations for Intrastate Access Service

Sheet 2

Supplement No. 13

To

PA. P.U.C. Tariff No. 12

CHANGES MADE BY THIS SUPPLEMENT

This tariff supplement is being filed to reflect the addition of 3 and 5 year ICB terms for Message Billed and Bulk Billed Service within Section 8, pg 51 Message Billing Services.

## ACCESS SERVICE

TABLE OF CONTENTS

	<u>Page No.</u>
1. <u>APPLICATION OF TARIFF</u>	1-1
2. <u>GENERAL REGULATIONS</u>	2-1
2.1 <u>Undertaking of the Telephone Company</u>	2-1
2.1.1 Scope	2-1
2.1.2 Limitations	2-1
2.1.3 Liability	2-3
2.1.4 Provision of Services	2-7
2.1.5 Facility Terminations	2-7
2.1.6 Service Maintenance	2-7
2.1.7 Changes and Substitutions	2-8
2.1.8 Refusal and Discontinuance of Service	2-9
2.1.9 Notification of Service-Affecting Activities	2-12
2.1.10 Coordination with Respect to Network Contingencies	2-12
2.1.11 Provision and Ownership of Telephone Numbers	2-12

## ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
2. <u>GENERAL REGULATIONS</u> (Cont'd)	
2.2 <u>Use</u>	2-13
2.2.1 Interference or Impairment	2-13
2.2.2 Unlawful and Abusive Use	2-13
2.3 <u>Obligations of the Customer</u>	2-14
2.3.1 Damages	2-14
2.3.2 Ownership of Facilities and Theft	2-14
2.3.3 Equipment Space and Power	2-15
2.3.4 Availability for Testing	2-15
2.3.5 Limitation of Use of Metallic Facilities	2-15
2.3.6 Balance	2-16
2.3.7 Design of Customer Services	2-16
2.3.8 References to the Telephone Company	2-16
2.3.9 Claims and Demands for Damages	2-17
2.3.10 Coordination with Respect to Network Contingencies	2-18
2.3.11 Jurisdictional Report and Certification Requirements	2-18
2.3.12 Determination of Interstate Charges for Mixed Interstate and Intrastate Access Service	2-26
2.4 <u>Payment Arrangements and Credit Allowances</u>	2-27
2.4.1 Payment of Rates, Charges and Deposits	2-27
2.4.2 Minimum Periods	2-34
2.4.3 Cancellation of an Order for Service	2-35
2.4.4 Credit Allowance for Service Interruptions	2-35
2.4.5 Re-establishment of Service Following Fire, Flood or Other Occurrence	2-45
2.4.6 Title or Ownership Rights	2-46
2.4.7 Access Services Provided By More Than One Telephone Company	2-46
2.5 <u>Connections</u>	2-68

## ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
2. <u>GENERAL REGULATIONS</u> (Cont'd)	
2.6 <u>Definitions</u>	2-68
800 Data Base Access Service	2-68
800 Series	2-68
Access Code	2-68
Access Minutes	2-69
Access Tandem	2-69
Add/Drop Multiplexing	2-69
Aggregator	2-69
Answer/Disconnect Supervision	2-70
Attenuation Distortion	2-70
Balance (100 Type) Test Line	2-70
Bit	2-70
Business Day	2-70
Busy Hour Minutes of Capacity (BHMC)	2-71
Call	2-71
Carrier Identification Code (CIC)	2-71
Carrier or Common Carrier	2-71
CCS	2-71
Central Office	2-71
Central Office Maintenance Technician	2-72
Central Office Prefix	2-72
Channel(s)	2-72
Channel Service Unit	2-72
Channelize	2-72
Clear Channel Capability	2-73
C-Message Noise	2-73
C-Notched Noise	2-73
Committed Information Rate	2-73
Common Channel Signalling	2-73
Common Line	2-74
Communications System	2-74
Customer(s)	2-74
Customer Node	2-74
Customer Designated Premises	2-75
Data Transmission (107 Type) Test Line	2-75
Decibel	2-75
Decibel Reference Noise C-Message Weighting	2-75
Decibel Reference Noise C-Message Referenced to 0	2-75
Detail Billing	2-76
Digital Switched 56 Service	2-76
Direct Trunked Transport	2-76
Dual Tone Multifrequency Address Signaling	2-77

## ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
2. <u>GENERAL REGULATIONS</u> (Cont'd)	
2.6 <u>Definitions</u> (Cont'd)	
Echo Control	2-77
Echo Path Loss	2-77
Echo Return Loss	2-77
Effective 2-wire	2-77
Effective 4-wire	2-78
End Office	2-78
End User	2-78
Enhanced Service	2-79
Entrance Facility	2-79
Entry Switch	2-79
Envelope Delay Distortion	2-79
Equal Level Echo Path Loss	2-79
Exchange	2-80
Exit Message	2-80
Expected Measured Loss	2-80
Extended Area Service	2-80
First Point of Switching	2-81
Frequency Shift	2-81
Grandfathered	2-81
Host Central Office	2-81
Hub	2-81
Immediately Available Funds	2-82
Impedance Balance	2-82
Impulse Noise	2-82
Individual Case Basis	2-82
Initial Address Message	2-83
Inserted Connection Loss	2-83
Installation and Repair Technician	2-83
Interexchange Carrier (IC) or Interexchange Common Carrier	2-83
Intermediate Hub	2-84
Intermodulation Distortion	2-84
Interstate Communications	2-84
Intrastate Communications	2-84
Legal Holiday	2-84
Line Side Connection	2-85
Local Access and Transport Area (LATA)	2-85
Local Area Network	2-85
Loss Deviation	2-85

## ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
2. <u>GENERAL REGULATIONS</u> (Cont'd)	
2.6 <u>Definitions</u> (Cont'd)	
Major Fraction Thereof	2-85
Message	2-85
Milliwatt (102 Type) Test Line	2-86
Network Control Signaling	2-86
Nonsynchronous Test Line	2-86
North American Numbering Plan	2-86
Off-hook	2-86
On-hook	2-87
Open Circuit Test Line	2-87
Originating Direction	2-87
Phase Jitter	2-87
Point of Termination	2-87
Premises	2-87
Release Message	2-87
Remote Switching Modules/Systems	2-88
Return Loss	2-88
Registered Equipment	2-88
Service Access Code	2-88
Service Switching Point	2-88
Serving Wire Center	2-89
Seven Digit Manual Test Line	2-89
Shortage of Facilities or Equipment	2-89
Short Circuit Test Line	2-89
Signal-To-C-Notched Noise Ratio	2-89
Signaling Point	2-89
Signaling System 7	2-90
Signaling Transfer Point	2-90
Signaling Transfer Point Port	2-90
Signaling Return Loss	2-90
Study Area	2-91
Subtending End Office of an Access Tandem	2-91
Super Intermediate Hub	2-91

## ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
2. <u>GENERAL REGULATIONS</u> (Cont'd)	
2.6 <u>Definitions</u> (Cont'd)	
Tandem Switched Transport	2-92
Terminating Direction	2-92
Terminus Hub	2-92
Throughput	2-92
Transmission Measuring (105 Type) Test Line/Responder	2-92
Transmission Path	2-93
Trunk	2-93
Trunk Group	2-93
Trunk Side Connection	2-93
Two-Wire to Four-Wire Conversion	2-93
V and H Coordinates Method	2-94
WATS Serving Office	2-94
Wireless Switching Center	2-94
Wire Center	2-94

## ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
3. <u>CARRIER COMMON LINE ACCESS SERVICE</u>	3-1
3.1 <u>General Description</u>	3-1
3.2 <u>Limitations</u>	3-1
3.2.1 Exclusions	3-1
3.2.2 Access Groups	3-2
3.2.3 WATS Access Lines	3-2
3.3 <u>Undertaking of the Telephone Company</u>	3-3
3.3.1 Provision of Service	3-3
3.3.2 Determination of Jurisdiction	3-3
3.4 <u>Obligations of the Customer</u>	3-3
3.4.1 Switched Access Service Requirement	3-3
3.4.2 Supervision	3-3
3.5 <u>Carrier Charge</u>	3-4

ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
4. <u>WATS ACCESS LINE</u>	4-1

## ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
5. <u>ACCESS ORDERING</u>	5-1
5.1 <u>General</u>	5-1
5.1.1 Service Installation	5-2
5.1.2 Expedited Orders	5-3
5.1.3 Selection of Facilities for Access Orders	5-4
5.2 <u>Ordering Requirements</u>	5-4
5.2.1 Switched Access Service	5-4
5.2.2 Special Access Service	5-13
5.2.3 WATS or WATS-type Service	5-15
5.2.4 Mixed Use Facilities - Switched and Special Access	5-15
5.2.5 Miscellaneous Services	5-16
5.3 <u>Access Orders for Services Provided by More Than One Telephone Company</u>	5-17
5.3.1 Non Meet Point Billing Ordering	5-17
5.3.2 Meet Point Billing Ordering	5-18
5.4 <u>Charges Associated with Access Ordering</u>	5-20
5.4.1 Access Order Charge	5-20
5.4.2 Miscellaneous Service Order Charge	5-23
5.4.3 Access Order Change Charges	5-24
5.5 <u>Minimum Periods and Cancellations</u>	5-27
5.5.1 Minimum Periods	5-27
5.5.2 Development of Minimum Period Charges	5-28
5.5.3 Cancellation of an Access Order	5-29
5.5.4 Partial Cancellation Charge	5-31

## ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
6. <u>SWITCHED ACCESS SERVICE</u>	6-1
6.1 <u>General</u>	6-1
6.1.1 Description and Provision of Switched Access Service Arrangements	6-2
6.1.2 Ordering Options and Conditions	6-5
6.1.3 Rate Categories	6-5
6.1.4 Special Facilities Routing	6-30
6.1.5 Design Layout Report	6-30
6.2 <u>Undertaking of the Telephone Company</u>	6-30
6.2.1 Network Management	6-30
6.2.2 Transmission Specifications	6-31
6.2.3 Provision of Service Performance Data	6-32
6.2.4 Testing	6-32
6.2.5 Determination of Number of Transmission Paths	6-34
6.2.6 Trunk Group Measurement Reports	6-35
6.3 <u>Obligations of the Customer</u>	6-36
6.3.1 Report Requirements	6-36
6.3.2 Trunk Group Measurement Reports	6-37
6.3.3 Supervisory Signaling	6-37
6.3.4 Short Duration Mass Calling Requirements	6-37

## ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
6. <u>SWITCHED ACCESS SERVICE</u> (Cont'd)	
6.4 <u>Rate Regulations</u>	6-38
6.4.1 Description and Application of Rates and Charges	6-38
6.4.2 Minimum Monthly Charge	6-53
6.4.3 Change of Switched Access Service Arrangements	6-54
6.4.4 Moves	6-55
6.4.5 Local Information Delivery Services	6-55
6.4.6 Mileage Measurement	6-56
6.4.7 Mixed Use	6-61
6.4.8 Message Unit Credit for Feature Group A	6-61
6.4.9 Application of Rates for Feature Group A Extension Service	6-62
6.5 <u>Description and Provision of Feature Group A (FGA)</u>	6-63
6.5.1 Description	6-63
6.5.2 Optional Features	6-67
6.5.3 Optional Features Provided in Local Tariffs	6-69
6.5.4 Measuring Access Minutes	6-69
6.5.5 Testing Capabilities	6-73
6.6 <u>Description and Provision of Feature Group B (FGB)</u>	6-74
6.6.1 Description	6-74
6.6.2 Optional Features	6-78
6.6.3 Design and Traffic Routing	6-80
6.6.4 Measuring Access Minutes	6-80
6.6.5 Testing Capabilities	6-85

## ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
6. <u>SWITCHED ACCESS SERVICE</u> (Cont'd)	
6.7 <u>Description and Provision of Feature Group C (FGC)</u>	6-86
6.7.1 Description	6-86
6.7.2 Optional Features	6-91
6.7.3 Design and Traffic Routing	6-94
6.7.4 Measuring Access Minutes	6-95
6.7.5 Design Blocking Probability	6-99
6.7.6 Testing Capabilities	6-101
6.8 <u>Description and Provision of Feature Group D (FGD)</u>	6-102
6.8.1 Description	6-102
6.8.2 Optional Features	6-107
6.8.3 Design and Traffic Routing	6-109
6.8.4 Measuring Access Minutes	6-110
6.8.5 Design Blocking Probability	6-112
6.8.6 Network Blocking Charge	6-114
6.8.7 Testing Capabilities	6-115
6.9 <u>Chargeable and Nonchargeable Optional Features</u>	6-116
6.9.1 Common Switching Nonchargeable Optional Features	6-117
6.9.2 Transport Termination Nonchargeable Optional Features	6-136
6.9.3 Chargeable Optional Features	6-137

ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
7. <u>SPECIAL ACCESS SERVICE</u>	7-1
7.1 <u>General</u>	7-1
7.1.1 Channel Types	7-1
7.1.2 Service Descriptions	7-4
7.1.3 Service Configurations	7-7
7.1.4 Alternate Use	7-15
7.1.5 Special Facilities Routing	7-15
7.1.6 Design Layout Report	7-15
7.1.7 Acceptance Testing	7-16
7.1.8 Ordering Options and Conditions	7-16
7.2 <u>Rate Regulations</u>	7-17
7.2.1 Rate Categories	7-17
7.2.2 Types of Rates and Charges	7-23
7.2.3 Moves	7-27
7.2.4 Minimum Periods	7-28
7.2.5 Mileage Measurement	7-29
7.2.6 Facility Hubs	7-30
7.2.7 Mixed Use	7-33
7.2.8 Optional Rate Plans	7-37
7.2.9 Broadband School Discount	7-51.1 (C)
7.3 <u>Surcharge for Special Access Service</u>	7-52
7.3.1 General	7-52
7.3.2 Application	7-52
7.3.3 Exemption of Special Access Service	7-53
7.3.4 Rate Regulations	7-54

(C) Indicates Changes

## ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>	
7. <u>SPECIAL ACCESS SERVICE</u> (Cont'd)		
7.4 <u>Metallic Service</u>	7-56	(C)
7.4.1 Basic Channel Description	7-56	
7.4.2 Technical Specifications Packages and Network Channel Interfaces	7-56	
7.4.3 Optional Features and Functions	7-57	
7.5 <u>Telegraph Grade Service</u>	7-58	
7.5.1 Basic Channel Description	7-58	
7.5.2 Technical Specifications Packages and Network Channel Interfaces	7-58	
7.5.3 Optional Features and Functions	7-61	
7.6 <u>Voice Grade Service</u>	7-59	
7.6.1 Basic Channel Description	7-59	
7.6.2 Technical Specifications Packages and Network Channel Interfaces	7-59	
7.6.3 Optional Features and Functions	7-58	
7.7 <u>Program Audio Service</u>	7-68	
7.7.1 Basic Channel Description	7-68	
7.7.2 Technical Specifications Packages and Network Channel Interfaces	7-68	
7.7.3 Optional Features and Functions	7-68	
7.8 <u>Video Service</u>	7-70	
7.8.1 Basic Channel Description	7-70	
7.8.2 Technical Specifications Packages and Network Channel Interfaces	7-71	(C)

(C) Indicates Changes

## ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
7. <u>SPECIAL ACCESS SERVICE</u> (Cont'd)	
7.9 <u>Digital Data Service</u>	7-72
7.9.1 Basic Channel Description	7-72
7.9.2 Technical Specifications Packages and Network Channel Interfaces	7-73
7.9.3 Optional Features and Functions	7-74
7.10 <u>High Capacity Service</u>	7-75
7.10.1 Basic Channel Description	7-75
7.10.2 Technical Specifications Packages and Network Channel Interfaces	7-76
7.10.3 Optional Features and Functions	7-77
7.11 <u>Synchronous Optical Channel Service</u>	7-82
7.11.1 Basic Channel Description	7-82
7.11.2 Technical Specifications Packages and Network Channel Interfaces	7-84
7.11.3 Optional Features and Functions	7-84
7.12 <u>Individual Case Filings</u>	7-89

## ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
8. <u>BILLING AND COLLECTION SERVICES</u>	8-1
8.1 <u>Recording Service</u>	8-1
8.1.1 General Description	8-1
8.1.2 Undertaking of the Telephone Company	8-2
8.1.3 Liability of the Telephone Company	8-4
8.1.4 Obligations of the IC	8-4
8.1.5 Payment Arrangements and Audit Provision	8-5
8.1.6 Rate Regulations	8-7
8.1.7 Rates and Charges	8-8
8.2 <u>Billing Service</u>	8-9
8.2.1 Message Billing Service	8-9
8.2.2 Private Line Billing Service	8-54
8.2.3 Purchase of Accounts Receivable	8-73
8.2.4 Billing Arrangements When the Telephone Company Acts as Billing Agent for the IC	8-80
8.3 <u>Billing Analysis Service</u>	8-81
8.3.1 General Description	8-81
8.3.2 Undertaking of the Telephone Company	8-82
8.3.3 Liability of the Telephone Company	8-88
8.3.4 Obligations of the IC	8-88
8.3.5 Payment Arrangements	8-90
8.3.6 Rate Regulations	8-91
8.3.7 Rates and Charges	8-93

## ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
8.4 <u>Billing Information Service</u>	8-94
8.4.1 General Description	8-94
8.4.2 Undertaking of the Telephone Company	8-94
8.4.3 Liability of the Telephone Company	8-101
8.4.4 Obligations of the IC	8-101
8.4.5 Payment Arrangements	8-103
8.4.6 Rate Regulations	8-104
8.4.7 Rates and Charges	8-106
9. <u>RESERVED FOR FUTURE USE</u>	9-1

## ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
10. <u>SPECIAL FEDERAL GOVERNMENT ACCESS SERVICES</u>	10-1
10.1 <u>General</u>	10-1
10.2 <u>Emergency Conditions</u>	10-2
10.3 <u>Facility Availability</u>	10-2
10.4 <u>Federal Government Regulations</u>	10-2
10.5 <u>Service Offerings to the Federal Government</u>	10-3
10.5.1 Type and Description	10-3
10.5.2 Mileage Application	10-6
10.6 <u>Rates and Charges</u>	10-7
10.6.1 General	10-7
10.6.2 Voice Grade Special Access	10-7
10.6.3 Move Charges	10-7
11. <u>SPECIAL FACILITIES ROUTING OF ACCESS SERVICES</u>	11-1
11.1 <u>Description</u>	11-1
11.1.1 Diversity	11-1
11.1.2 Avoidance	11-1
11.1.3 Diversity and Avoidance Combined	11-1
11.1.4 Cable-Only Facilities	11-1
12. <u>SPECIALIZED SERVICE OR ARRANGEMENTS</u>	12-1
12.1 <u>General</u>	12-1

## ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>	
13. <u>ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND MISCELLANEOUS SERVICES</u>	13-1	
13.1 <u>Additional Engineering</u>		13-1
13.2 <u>Additional Labor</u>	13-2	
13.2.1 Overtime Installation	13-2	
13.2.2 Overtime Repair	13-3	
13.2.3 Standby	13-3	
13.2.4 Testing and Maintenance with Other Telephone Companies	13-3	
13.2.5 Other Labor	13-3	
13.3 <u>Miscellaneous Services</u>		13-3
13.3.1 Testing Services	13-3	
13.3.2 Maintenance of Service	13-11	
13.4 <u>IntraLATA Toll Presubscription</u>	13-12	

ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
14. <u>RESERVED FOR FUTURE USE</u>	14-1
15. <u>ACCESS SERVICE INTERFACES AND TRANSMISSION SPECIFICATIONS</u>	15-1
15.1 <u>Switched Access Service</u>	15-1
15.1.1 Local Transport Interface Groups	15-1
15.1.2 Standard Transmission Specifications	15-12
15.1.3 Data Transmission Parameters	15-21
15.2 <u>Special Access Service</u>	15-25 (C)
15.2.1 Network Channel (NC) Codes	15-28
15.2.2 Network Channel Interface (NCI) Codes	15-38 (C)
16. <u>RESERVED FOR FUTURE USE</u>	16-1

(C) Indicates Changes

ACCESS SERVICE

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>	
17. <u>RATES AND CHARGES</u>	17-1	
17.1 <u>Common Line Access Service</u>	17-1	
17.1.1 Carrier Common Line Access Service	17-1	
17.2 <u>Switched Access Service</u>	17-2	
17.2.1 Nonrecurring Charges	17-2	
17.2.2 Local Transport	17-3	
17.2.3 End Office	17-5	
17.2.4 Assumed Minutes of Use	17-6	
17.2.5 Operator Transfer Services	17-6	
17.3 <u>Special Access Service</u>	17-6	
17.3.1 Surcharge for Special Access Service	17-6	
17.3.2 Metallic Service	17-6.1	(C)
17.3.3 Telegraph Grade Service	17-6.2	
17.3.4 Voice Grade Service	17-6.3	
17.3.5 Program Audio Service	17-6.7	
17.3.6 Video Service	17-6.9	
17.3.7 Digital Data Service	17-6.10	
17.3.8 High Capacity Service	17-6.12	
17.3.9 Synchronous Optical Channel Service	17-6.15	
17.3.10 Individual Case Filings	17-6.17	(C)
17.4 <u>Other Services</u>	17-7	
17.4.1 Access Ordering	17-7	
17.4.2 Additional Engineering	17-8	
17.4.3 Additional Labor	17-9	
17.4.4 Miscellaneous Services	17-11	
17.4.5 Special Federal Government Access Services	17-14	
17.4.6 Special Facilities Routing of Access Services	17-15	
17.4.7 Specialized Service or Arrangements	17-16	

(C) Indicates Changes

## ACCESS SERVICE

EXPLANATION OF SYMBOLS

- C - to signify changed regulation.  
D - to signify decrease rate.  
I - to signify increase rate.

EXPLANATION OF ABBREVIATIONS

ADM	-	Add/Drop Multiplexing
AML	-	Actual Measured Loss
ANI	-	Automatic Number Identification
AP	-	Program Audio
BHMC	-	Busy Hour Minutes of Capacity
CCS	-	Common Channel Signaling
CDP	-	Customer Designated Premises
CI	-	Channel Interface
CNP	-	Charge Number Parameter
CO	-	Central Office
Cont'd	-	Continued
CPE	-	Customer Provided Equipment
CPN	-	Calling Party Number
CSP	-	Carrier Selection Parameter
dB	-	decibel
dBrnC	-	Decibel Reference Noise C-Message Weighting
dBrnC0	-	Decibel Reference Noise C-Message Weighted 0
dc	-	direct current
DDD	-	Direct Distance Dialing
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

## ACCESS SERVICE

EXPLANATION OF ABBREVIATIONS (Cont'd)

HC	-	High Capacity
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
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
PBX	-	Private Branch Exchange
PIC	-	Presubscribed Interexchange Carrier
POT	-	Point of Termination
SAC	-	Service Access Code
SNAL	-	Signaling Network Access Line
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

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.  
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. - Bellcore), Direct Sales, 8 Corporate Place, Piscataway, NJ 08854-4156 (www.telcordia.com).

Technical Reference:

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

Multiple Exchange Carrier Ordering and Design (MECOD) Guidelines  
Issued: May 1994

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

PUB 62310 (MDP-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

ACCESS SERVICE

REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

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: 0July 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-STS-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 Mbs) 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

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

ACCESS SERVICE

REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

Telecommunications Transmission Engineering  
Volume 3 - Networks and Services (Chapters 6 and 7)  
Second Edition, 1980  
Issued: June 1980

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 publication is referenced in this tariff and may be obtained from Director-Sales Operations, Integrated Network Corporation, P.O. Box 6875, Bridgewater, NJ 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, NJ 07981.

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

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 T1.602-1989, Integrated Services Digital Network (ISDN) -  
Data-Link Layer Signalling Specification for Application at the  
User-Network Interface.