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ACCESS SERVICE

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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.

REFERENCE TO NECA TARIFFS

- (1) National Exchange Carrier Association Tariff FCC No. 4.

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USE OF THE TARIFF

This tariff contains the regulations, rates and charges applicable to the provision of Access Service by all of the Issuing Carriers listed on Title Pages 2, 3, 3.1, and 3.2.

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The regulations applicable to the provision of Access Service are contained in Sections 2 through 19. These regulations are identical for all Issuing Carriers.

Rates and charges for all Access Services are shown in Section 20. If an Issuing Carrier does not presently have a rate for one of the rate elements shown in Section 20, the rate is shown as "Not Applicable" (N/A). Upon receipt of an order by a customer for the service not presently offered, the Issuing Carrier will file with the FCC the appropriate information necessary to establish rates.

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Issued: December 17, 1997

F. Wayne Lafferty  
Assistant Vice-President  
Regulatory Affairs  
Citizens Telecommunications Company  
3 High Ridge Park  
Stamford, CT 06905

Effective: January 1, 1998

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**ACCESS SERVICE**

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**REFERENCE TO TECHNICAL PUBLICATIONS**

The following technical publications are referenced in this tariff and may be obtained from Bell Communications Research, Inc., Customer Services, 60 New England Avenue, Piscataway, NJ 08854-4196.

**Technical Reference:**

PUB 41004	Data Communications Using Voiceband Private Line Channels
Issued:	October, 1973
PUB 62310	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-NWT-000063	Network Equipment Building System (NEBS) Generic Equipment Requirements, Issue 4
Issued:	July, 1991
Available:	July, 1991
TR-NWT-000334	Issue 2 Voice Grade Switched Access Service Transmission Parameter Limits and Interface Combinations
Issued:	September, 1990
TR-NWT-000499	Transport Systems Generic Requirements (TSGR), Issue 4
Issued:	November, 1991
Available:	November, 1991
TR-TSY-000191	Alarm Indication Signal Requirements and Objectives, Issue 1
Issued:	May, 1986
Available:	May, 1986

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Regulatory

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Citizens Telecommunications Company  
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**ACCESS SERVICE**

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

TR-TSY-000335	Issue 2 Voice Grade Special Access Service- Transmission Parameter Limits and Interface Combinations
Issued: May, 1990	
TR-TSY-000487	Generic Requirements for Electronic Equipment Cabinets, Issue 1
Issued: July, 1989	Available: July, 1989
TR-TSV-000905	Common Channel Signaling (CCS) Network Interface Specification, Issue 1
Issued: August, 1989	Available: August, 1989
TR-NPL-000054	High Capacity Digital Service (1.544 Mbps) Interface Generic Requirements for End Users
Issued: April, 1989	Available: April, 1989
TR-NPL-000275	Notes on the BOC Interlata Networks
Issued: April, 1986	
TR-NPL-000320	Fundamental Generic Requirements for Metallic Digital Signal Cross Connect Systems DSX-1, -1C, -2, -3, Issue 1
Issued: April, 1988	Available: April, 1988
TR-NPL-000334	Voice Grade Switched Access Service
Issued: June, 1986	Available: July, 1986
TR-NPL-000335	Voice Grade Special Access Service
Issued: June, 1986	Available: July, 1986
TR-NPL-000336	Metallic and Telegraph Grade Special Access Services
Issued: October, 1987	Available: October, 1987

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ACCESS SERVICE

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REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

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  
Issued:    December, 1986                      Available: December, 1986

TR-NPL-000339     Wideband Analog Special Access Service  
Issued:    January, 1987                      Available: January, 1987

TR-NPL-000340     Wideband Digital Special Access Service  
Issued:    September, 1986                      Available: January, 1987

TR-NPL-000341     Digital Data Special Access Service - Transmission  
Parameter and Interface Combinations  
Issued:    March, 1989

TR-NPL-000342     High Capacity Digital Special Access Service  
Issued:    January, 1987                      Available: January, 1987

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

SR-STDS-000307    NC/NCI Code Dictionary  
Issued:    December, 1990

The following technical publication is referenced in this tariff and may be obtained from the Bell Communication Technical Education Center Room B02, 6200 Route 53, Lisle, IL 60532:

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

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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 National Exchange Carrier Association, Inc., Director - Tariff and Regulatory Matters, 100 S. Jefferson Road, Whippany, N.J. 07981 and the Federal Communications Commission's commercial contractor.

PUB AS No. 1 - Issue II Access Service

Issued: May, 1984

Addendum: March, 1987

AT&T Technical Reference Publication 41014

Issued: February, 1978; entire issue.

The following technical publications are referenced in this tariff and may be obtained from Bell Communications Research, Inc. Distribution Storage Center, 60 New England Avenue, Piscataway, N.J. 08854. Updates to this document are performed periodically.

1. Multiple Exchange Carrier Access Billing Guidelines (MECAB)

Ordering and Billing Forum

Issued: December, 1991

Available: December, 1991

2. Multiple Exchange Carrier Ordering and Design Guidelines (MECOD)

Ordering and Billing Forum

Issued: November, 1989

Available: November, 1989

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ACCESS SERVICE

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REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

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. Capitol 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 3-2-1)

Dated: July 9, 1990

Available: August, 1990

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

Dated: July 9, 1990

Available: August, 1990

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

ANSI T1.102, Issued 1987

The following technical publication is referenced in this tariff and may be obtained from the Underwriters Laboratory, Inc., Attention: Publications, 333 Pfingsten Road, Northbrook, Illinois 60062.

UL 94, Issued 1990

The following technical publication is referenced in this Tariff and may be obtained from the Federal Communications Commission's commercial contractor.

GTE Service Corporation Telephone Operations - Traffic Grade of Service  
Standards

Issued: April, 1985; entire issue

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ACCESS SERVICE

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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 Bellcore Information Exchange Management, 445 South Street, Room 2J-125, P.O. Box 1910, Morristown, NJ 07962-1910.

BR-795-403100 - Common Language Network Channels (NC)  
Network Channel Interface (NCI) Codes  
Issued: August, 1993

The following technical publications are referenced in this tariff and may be attained from Global Engineering Documents, Customer Support, A105, 15 Inverness Way, Englewood, CO 80112.

T1.606, Issued 1990

T1.606 Addendum 1, Issued 1991

T1.606a, Issued 1992

T1.617 Annex D, Issued 1992

TR-NWT-00112 Issue 1, Issued December 1994

GR-1110-CORE Issue 1, Issued September 1994

GR-1248-CORE Issue 2, Issued September 1995

SR-3330 Issue 1, Issued November 1994

PRETS 300-049 2nd Edition, Specifications for Permanent Virtual  
Connections, Issued December 1997

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(X) Issued on not less than one day's notice under the authority of Special Permission No. 99-151 granted by the FCC.

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Vice-President  
Regulatory  
Citizens Telecommunications Company  
3 High Ridge Park  
Stamford, CT 06905

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