

ACCESS SERVICE

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REFERENCE TO TECHNICAL PUBLICATIONS AND INFORMATION PUBLICATIONS (Cont'd)

The following publications are referenced in this tariff and may be obtained from Verizon Wholesale Markets Group, 2980 Fairview Park Dr, 10th Floor, Falls Church, VA 22042.

Bell Atlantic Information Pub. IP 72201	Issued: September 1998
Bell Atlantic Information Pub. IP 72013	Issued: March 1990
Cable Splicing Handbook	Issued: December 3, 1991
Cable Placing Handbook	Issued: December 3, 1991
Cable Maintenance Handbook	Issued: December 3, 1991
General Information Tools & Safety Manual	Issued: December 3, 1992
Building Owners and Managers Association International Standards (BOMA)	Issued: December 3, 1992

The following publications are referenced in this tariff and may be obtained from the American National Standards Institute (ANSI), 11 West 42nd Street, New York, New York 10036, Telephone No. 212 642-4900.

T1.101	Issued: 1994
T1.102	Issued: 1993
T1.102.01	Issued: 1996
T1.105	Issued: 1995
T1.105.02	Issued: 2001
T1.105.06	Issued: 2002
T1.107	Issued: 1995
T1.606	Issued: 1990
T1.606, Addendum 1	Issued: 1991
T1.606a	Issued: 1992
T1.617, Annex D	Issued: 1992
T1.606b	Issued: 1993
X3.139	Issued: 1987
X3.148	Issued: 1988
X3.184	Issued: 1993
X3.229	(Draft)
X3.271	Issued: 1996
IEEE802.3/X3.802.3	Issued: 1998
IEEE802.3u	Issued: 1995
IEEE802.3z/X3.802.3z	Issued: 1998
IEEE802.3.2002	Issued/Avail: March 8, 2002
IEEE802.1Q	Issued/Avail: 1998

The following publications are referenced in this tariff and may be obtained from the Society of Motion Picture and Television Engineers (SMPTE), 595 W Hartsdale Ave., White Plains, NY 10607, Telephone No. 914 761-1100.

ANSI/SMPTE 259M	Issued: September 1997
ANSI/SMPTE 310M	Issued: September 1998

The following publication, referenced in this tariff, may be obtained from the Verizon Telecommunications, 600 Hidden Ridge, MC-E03L08, Irving, TX 75038.

Technical Memorandum associated with the Verizon FCC Short Term Notice of Network Change.
Issued and Available: April, 2004

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2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Exchange Access Signaling

The signaling system which is used, by equal access end offices, to transmit originating information and address digits to the customer's premises and which includes the means of verifying the receipt of these address digits. Features of this system include overlap outpulsing, identification of the type of call, identification of the ten-digit telephone number of the calling party, and acknowledgement wink supervisory signals.

Expected Measured Loss

The term "Expected Measured Loss" denotes a calculated loss which specifies the end-to-end 1004-Hz loss on a terminated test connection between two readily accessible manual or remote test points. It is the sum of the inserted connection loss and test access loss including any test pads.

Extensible Markup Language (XML)

The term "Extensible Markup Language (XML)" denotes a simple, very flexible text format that is used in the exchange of a wide variety of data on the Web and elsewhere.

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Field Identifier

The term "Field Identifier" denotes two to four characters that are used on service orders to convey specific instructions. Field Identifiers may or may not have associated data. Selected Field Identifiers are used in Telephone Company billing systems to generate nonrecurring charges.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Secure Socket Layer (SSL)

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The term "Secure Socket Layer ("SSL)" denotes a security protocol that provides data encryption, server authentication, message integrity, and optional client authentication for a TCP/IP connection.

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Serving Wire Center

The term Serving Wire Center denotes the first Telephone Company wire center to which facilities are connected on the terminating path of a call proceeding from the customer premises to the terminating end office.

Seven Digit Manual Test Line

The term "Seven Digit Manual Test Line" denotes an arrangement which allows the customer to select balance, milliwatt and synchronous test lines by manually dialing a seven digit number over the associated access connection.

Shared Network Arrangement

The term "Shared Network Arrangement" denotes a service offering whereby a Service User may connect subtending services to a Host Subscriber's multiplexed High Capacity Service, and the Telephone Company will undertake to maintain separate customer records and billing.

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20. Incidental InterLATA Service (Cont'd)20.1 Miscellaneous Services (Cont'd)20.1.2 Call Management Signaling Service

(N)

(A) General

Call Management Signaling Service ("Service") provides a customer with terminating detail information and with the capability to provide instructions back to the Telephone Company regarding the forwarding or other disposition of calls terminating or attempting to terminate at the customer's end user's telephone number. The Telephone Company will deliver this service over a secure Internet connection using standard XML-based formatted data.

In every instance that a call attempts to terminate at a Telephone Company end office to a customer's end user's telephone line provisioned with the Service, Verizon will provide the customer with signaling information describing the attempted call termination and terminating detail for the call (collectively "Terminating Detail"). All Terminating Detail will be provided to a Telephone Company interface server and then made available to customers through a secure Internet connection using an "XML-based" data format.

In every instance that a customer is provided with Terminating Detail for a call, the customer will be required to respond with a valid response ("Response") within 18 seconds, as further described in the Technical Memorandum documentation referenced in the front of this tariff under Reference to Other Publications, Technical Reference. Valid Responses include an instruction for Verizon to forward the call to a different domestic telephone number, to block the call or to permit the call to terminate to the customer's end user's line.

In the event no Response is received within 18 seconds, the Telephone Company will proceed with terminating the call to the customer's end user's line. Responses to the Telephone Company from the customer are received through a secure Internet connection and in an "XML-based" data format.

(B) Service Availability

Call Management Signaling Service will be provided where technical capability exists on customer's end-user lines that originate from Telephone Company end offices equipped with Advanced Intelligent Network (AIN) capability. The AIN capability information can be found in the NATIONAL EXCHANGE CARRIER, INC., TARIFF FCC NO. 4.

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20. Incidental InterLATA Service (Cont'd)20.1 Miscellaneous Services (Cont'd)20.1.2 Call Management Signaling Service (Cont'd)(C) Responsibilities of the Customer

(N)

The customer must notify its end users to provide the Telephone Company with authorization for each line, on a per-line basis, for which the customer is seeking to receive an end-user customer's Terminating Detail information. Customer's end users must provide authorization by accessing a Telephone Company Internet web site, as follows:

<https://www22.verizon.com/CallMgmtSigsvc/Registration/LOAMain.aspx>.

The Telephone Company will reject a customer's request for Call Management Signaling Service if authorization from customer's end-user has not been provided prior to receipt of an order. The customer must also provide notification of each of its end-user's lines for which it requests Terminating Detail.

In order to use the Call Management Signaling Service, the customer will be required to have computer server equipment to exchange data in XML format over the Internet, to obtain a connection to the Internet from the customer's location and to comply with the Telephone Company's security/network integrity and data exchange requirements. Detailed information about the XML-based data interchange, such as data fields and valid values can be found in the Technical Memorandum associated with the Verizon FCC Short Term Notice of Network Change for Incidental InterLATA Call Management Signaling Service referenced in the front of this tariff under Reference to Other Publications, Technical Reference. To use this Service, the Customer must procure a secure Internet connection which supports Secure Socket Layer (SSL) communication, using 128-bit encryption over the Internet, and customer's server must be equipped with a valid SSL certificate for authentication. Customers will be required to complete interoperability/network integrity testing, and to submit to a security review by the Telephone Company, prior to turn up. The Telephone Company may implement transaction management procedures when experiencing excessive volume traffic or other adverse conditions. Additional details about the Telephone Company's security/network integrity requirements can be found in the Technical Memorandum referenced in the front of this tariff under Reference to Other Publications, Technical Reference.

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20. Incidental InterLATA Service (Cont'd)20.1 Miscellaneous Services (Cont'd)20.1.2 Call Management Signaling Service (Cont'd)

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(D) Rate Regulations

Charges for Call Management Signaling Service are applied on a per call signal basis which describes the Terminating Detail for calls terminating or attempting to terminate at the customer's end user's telephone number.

A customer must attain a minimum volume of at least one (1) million call signals per month on a combined basis from all of its end-user customers located in Verizon operating territories as set forth in this tariff and in Tariff FCC Nos. 11, 14 and 16. For any month that the minimum monthly usage is not attained, a customer will be billed for a minimum of one (1) million call signals. The minimum signal volume requirements will be waived during a ramp-up period beginning with the earliest subscription date from this tariff or FCC 11, 14, or 16, and ending at the close of the twelfth monthly billing period following the earliest subscription date.

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(E) Rates and Charges

Per Call Signal \$.021

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