



May 15, 2009

Ms. Renee J. Jenkins  
Docketing Division  
The Public Utilities Commission of Ohio  
180 East Broad Street  
Columbus OH 43266-0573

Re: Case No. 07-464-TP-UNC  
Case No. 90-5032-TP-TRF

Dear Ms. Jenkins:

On April 30, 2009, tariff pages for the Ameritech Operating Companies were filed with the Federal Communications Commission under Transmittal No. 1697. This filing in the FCC No. 2 Tariff became effective on May 15, 2009.

The filing was made by AT&T to introduce a structured conversion process for the consolidation of Ameritech's SS7 network and the accompanying rehome of SS7 signaling traffic, as well as a new optional connection point for customers served in the consolidated LATA. This filing also proposes to provide clarification to some existing rate application language.

These tariff pages can be viewed on the FCC website at <http://svartifoss2.fcc.gov>. Once you have accessed the page, please follow the following steps to access this filing:

1. Click on FCC Electronic Filing and Public Access Systems.
2. Click on Electronic Tariff Filing System (ETFS).
3. Click on Public Access.
4. Click on the Browse Filed Tariff Documents block.
5. Click on the Browse Filed by an ILEC block.
6. Click on Ameritech Services.
7. Click on FCC 2 - Access Services.
8. Locate tariff pages for Transmittal No. 1697 and click on the block showing "Acrobat PDF" (third column from the left).

This process will provide you with the specific pages filed by SBC for Ohio.

Should you have any questions or require additional information, please contact me at 223-8184.

Very truly yours,

Susan Drombetta  
Area Manager-Regulatory Affairs



Patrick Doherty  
Director – Access Regulatory Affairs  
Four AT&T Plaza  
Room 1921  
Dallas, Texas 75202

FRN: 0005-0491-92

April 30, 2009

Transmittal No. 1697

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
Washington, D.C. 20554

This filing is being made on a streamlined basis on 15 days notice under Section 204(a) (3) of the Communications Act.

Attention: Wireline Competition Bureau

The accompanying tariff material, issued by Ameritech Operating Companies (Ameritech) and bearing Tariff F.C.C. No. 2, is sent to you for filing in compliance with the requirements of the Communications Act of 1934, as amended.

This filing, scheduled to become effective May 15, 2009 consists of the tariff pages as indicated on the following Check Sheets:

<u>Tariff F.C.C. No.</u>	<u>Check Sheet Revision No.</u>
2	1537th Revised Page 1
	338th Revised Page 1.1
	286th Revised Page 1.3
	240th Revised Page 1.4
	30th Revised Page 1.12

With this filing Ameritech is proposing to introduce a structured conversion process for the consolidation of Ameritech's SS7 network and the accompanying rehome of SS7 signaling traffic, as well as a new optional connection point for customers served in the consolidated LATA. This filing also proposes to provide clarification to some existing rate application language.

Supporting information discussed under Section 61.49 of the Commission's Rules, to the extent applicable, is included with this filing in the attached Description and Justification.

In accordance with Section 61.14, this transmittal letter and associated attachments are being filed electronically today via the Federal Communications Commission's Electronic Tariff Filing System (ETFS) in compliance with the electronic filing procedures.

Payment in the amount of \$815.00 has been electronically transmitted to the US Bank in St. Louis, Missouri, in accordance with the fee program procedures. The Form 159 is being transmitted electronically via ETFS as a proprietary document. These actions have been committed on the date established as the issued (filed) date as reflected above.

Wireline Competition Bureau

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April 30, 2009

Personal or facsimile service petitions against this Transmittal, as required under Section 1.773(a)(4) of the Commission's Rules, should be sent to Linda Quarles, Associate Director - Tariff Administration, 3535 Colonnade Parkway North, Room E3D1, Birmingham, Alabama 35243, facsimile number (214) 858-0639. All other correspondence and inquiries concerning this Transmittal should be addressed to Debra L. Clemens, Director-Federal Regulatory, (202) 457-3066, 1120 20th Street, N.W., Suite 1000, Washington, D.C. 20036.

Sincerely,

A handwritten signature in black ink, reading "Patrick R. Doherty". The signature is written in a cursive style with a large initial "P" and a stylized "D".

Attachments:

Description and Justification

Tariff Pages

Tariff Review Plan

Title pages 1 and 2 and pages 1 to 846 inclusive of this tariff are effective as of the date shown.  
Original and revised pages as named below and Supplement No. 339 contain all changes from the original tariff that are in effect on the date hereof.

Page	Number of Revision Except as Indicated	Page	Number of Revision Except as Indicated	Page	Number of Revision Except as Indicated
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1.1	338th*	8.1	5th	20	10th
1.2	301st	9	24th	20.1	5th
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1.7	128th	11	4th	24	1st
1.8	109th	12	10th	25	3rd
1.9	146th	13	6th	25.1	1st
1.10	49th	13.1	6th	25.2	1st
1.11	61st	13.2	10th	26	3rd
1.12	30th*	13.3	12th	27	9th
1.13	15th	13.4	21st	28	11th
1.14	25th	13.5	37th	28.1	5th
1.15	53rd	13.6	39th	29	1st
1.15.1	3rd	13.7	44th	30	Original
1.16	63rd	13.8	29th	31	Original
1.17	24th	13.9	4th	32	Original
1.18	33rd	14	3rd	33	Original
1.19	44th	15	16th	34	4th
1.20	43rd	15.1	10th	34.1	1st
1.21	45th	15.2	1st	35	5th
1.22	47th	16	12th	35.1	1st
1.23	29th	16.1	11th	36	8th
1.24	4th	16.1.1	Original	36.1	6th
2	6th	16.2	8th	37	13th
3	8th	16.3	1st	37.1	4th
3.1	13th	16.4	2nd	37.2	6th
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5.1	20th	17	1st	38	9th
5.2	5th	18	6th	38.1	11th
6	5th	19	27th	38.2	6th
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42	5th	59.1.1	1st	70.17	4th
42.1	1st	59.2	10th	70.18	3rd
43	2nd	59.3	7th	70.18.1	3rd
44	9th	60	13th	70.19	2nd
45	6th	60.1	Original	70.20	1st
45.1	3rd	61	14th	70.21	1st
45.2	3rd	61.1	14th	70.22	2nd
46	12th	61.2	2nd	70.23	4th
47	14th	62	7th	70.24	62nd
47.1	3rd	63	9th*	70.24.1	11th
48	5th	64	11th	70.24.2	10th
49	12th	64.1	6th	70.24.3	11th
49.1	14th	65	7th	70.24.4	11th
50	14th	65.1	9th	70.25	29th
50.1	5th	66	13th	70.25.1	10th
50.2	7th	66.1	8th	71	Original
50.2.1	6th	66.1.1	Original	72	3rd
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126	2nd	137.1	4th	163.4	3rd
127	3rd	138	7th	163.5	5th
128	5th	139	2nd	163.6	6th
128.1	3rd	140	6th	163.7	8th
128.2	1st	141	7th	163.7.1	2nd
128.3	Original	141.1	1st	163.7.2	Original
129	5th	142	3rd	163.8	5th
130	7th	143	9th	164	7th
131	7th	144	7th	165	6th
131.1	4th	145	11th	166	10th
131.2	Original	146	3rd	166.1	3rd
132	3rd	147	4th	166.1.1	2nd
132.1	14th	148	4th	166.2	1st
132.1.1	12th	149	10th	166.3	7th
132.1.2	Original	149.1	2nd	166.4	11th
132.2	9th*	150	2nd	166.4.1	3rd
132.2.1	7th*	151	10th	166.4.2	4th
132.2.2	Original	152	14th	166.4.3	4th
132.3	9th	152.1	11th	166.4.4	3rd
132.3.1	1st	152.2	2nd	166.5	2nd
132.3.2	2nd	153	9th	166.6	2nd
132.4	6th	153.1	6th	167	4th
132.5	5th	154	19th	167.1	3rd
132.6	4th	154.1	12th	168	2nd
132.7	4th	155	4th	169	4th
132.7.1	2nd	156	4th	169.1	Original
132.8	3rd	157	14th		
132.8.1	2nd	157.1	9th		
132.9	1st	158	9th		
132.9.1	Original	158.1	2nd		
132.9.2	Original	159	6th		
132.9.3	Original	159.1	4th		
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172.1	4th	180.8.1.2	3rd	201	4th	219	9th
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173.1	10th	180.8.1.4	2nd	203	7th		
173.2	2nd	180.8.1.5	2nd	204	9th		
174	14th	180.8.1.6	2nd	204.1	6th		
174.1	6th	180.8.1.7	2nd	205	9th		
174.1.1	5th	180.8.1.8	3rd	205.1	3rd		
174.1.2	7th	180.8.1.9	3rd	206	12th		
174.1.3	5th	180.8.2	2nd	206.1	3rd		
174.2	6th	180.8.2.1	1st	206.2	1st		
175	6th	180.8.3	Original	207	51st		
175.1	13th	180.8.3.1	4th	207.1	24th		
175.2	9th	180.8.3.2	1st	207.1.1	12th		
175.2.1	3rd	180.9	8th*	207.1.1.1	8th		
175.3	5th	180.9.1	5th*	207.1.2	5th		
175.3.1	1st	180.9.2	Original	207.1.3	Original		
176	13th	180.9.3	Original	207.2	8th		
176.1	13th	180.10	1st	208	17th		
176.2	21st	181	12th	209	17th		
176.3	11th	182	7th	209.1	5th		
176.3.1	5th	183	6th	209.2	3rd		
176.3.2	2nd	184	4th	210	10th		
176.3.3	3rd	185	4th	211	20th		
176.4	8th	186	4th	211.1	4th		
177	7th	187	3rd	211.2	3rd		
178	3rd	188	2nd	212	21st		
179	8th	189	2nd	213	18th		
180	7th	190	6th	213.1	30th		
180.1	3rd	191	3rd	213.1.1	2nd		
180.2	4th	192	3rd	213.2	13th		
180.3	6th	193	5th	213.3	14th		
180.4	2nd	194	5th	213.4	5th		
180.5	3rd	195	6th	213.5	2nd		
180.5.1	2nd	196	5th	213.6	1st		
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454.13	5th	454.43	1st	473	2nd
454.14	5th	454.44	1st	474	Original
454.15	5th	454.45	1st	475	Original
454.15.1	3rd	454.46	1st	476	1st
454.16	5th	454.47	2nd	477	4th
454.17	5th	454.47.1	Original	477.1	1st
454.18	5th	454.48	1st	477.2	1st
454.19	4th	454.49	4th	477.2.1	3rd
454.20	4th	454.49.1	4th	477.2.2	3rd
454.21	7th	454.49.2	Original	477.2.3	4th
454.22	4th	454.50	4th	477.2.4	3rd
454.23	4th	454.50.1	3rd	477.2.5	1st
454.24	13th*	454.50.2	Original	477.2.6	Original
454.24.1	14th*	454.51	5th	477.2.7	1st
454.24.1.1	Original*	454.51.1	2nd	477.2.8	1st
454.24.2	13th	454.52	4th	477.2.9	Original
454.24.2.1	1st*	454.52.1	Original	477.2.10	Original
454.24.3	4th	454.53	3rd	477.2.11	Original
454.24.4	3rd	454.54	1st	477.2.12	Original
454.24.5	6th	454.55	1st	477.2.13	2nd
454.24.5.1	2nd	454.56	1st	477.2.14	3rd
454.25	4th	454.57	1st	477.2.15	2nd
454.25.1	1st	455	1st	477.2.16	2nd
454.26	Original	456	2nd	477.2.17	2nd
454.27	4th*	457	3rd	477.2.18	2nd
454.28	9th	457.1	1st	477.2.19	2nd
454.28.1	11th	458	2nd	477.2.20	2nd
454.28.1.1	5th	458.1	Original	477.3	Original
454.28.2	12th	459	1st	477.4	Original
454.28.3	6th	460	2nd	478	4th
454.28.3.1	Original	461	3rd	479	2nd
454.29	11th	462	4th	480	3rd
454.30	Original	463	6th	481	3rd
454.31	Original	464	3rd	481.1	1st
454.32	Original	465	1st	481.2	1st
454.33	Original	466	1st	482	3rd
454.34	Original	467	56th	483	1st
454.35	Original	468	12th	484	2nd
454.36	5th	469	8th	485	1st
454.37	3rd	470	46th	486	3rd
454.37.1	1st	470.1	15th	487	1st
454.38	4th	470.2	7th	488	2nd
454.39	5th	471	11th	489	2nd
454.39.1	2nd	471.1	5th		
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454.41	2nd	471.3	7th		

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## ACCESS SERVICE

## 2. General Regulations (Cont'd)

## 2.6 Definitions (Cont'd)

Entrance Facility - A Switched Transport facility that provides dedicated transport from the customer's point of termination to the Telephone Company serving wire center.

Entry Switch - See First Point of Switching

Envelope Delay Distortion - a measure of the linearity of the phase versus frequency of a channel.

Ethernet Virtual Connection (EVC)- A logical connection between the customer demarcation point and the Ethernet network.

Equal Level Echo Path Loss (ELEPL) - the measure of Echo Path Loss (EPL) at a four-wire interface which is corrected by the difference between the send and receive Transmission Level Point (TLP). [ELEPL = EPL - TLP (send) + TLP (receive)]

Expected Measured Loss - 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.

Exchange - a unit generally smaller than a Local Access and Transport Area, established by the Telephone Company for the administration of communications service in a specified area which usually embraces a city, town or village and its environs. It consists of one or more central offices together with the associated facilities used in furnishing communications service within that area. One or more designated exchanges comprise a given Local Access and Transport Area.

Exchange Termination - a PSN network component linking the access line and port termination.

Exit Message - an SS7 message sent to an end office by the Telephone Company's tandem switch to mark the Carrier Connect Time when the Telephone Company's tandem switch sends an Initial Address Message to an Interexchange Carrier.

Facility Signaling Point of Interconnection (FSPOI) - The term FSPOI denotes a Telephone Company-designated transport termination facility used in connection with the provisioning of a Dedicated Network Access Link (DNAL) used for STP Access. (N)  
(N)  
(N)

Field Identifier - 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.

First-Come, First-Served - a procedure followed when the first service order received will be the first service order processed.

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**ACCESS SERVICE****6. Switched Access Service (Cont'd)****6.1 General (Cont'd)****6.1.3 Rate Categories (Cont'd)****(A) Switched Transport (Cont'd)****(4) Chargeable Optional Features (Cont'd)****(c) Signal Transfer Point Access**

Signal Transfer Point (STP) Access provides interconnection to the Ameritech Common Channel Signaling (CCS) network using a Telephone Company or customer-provided Dedicated Network Access Link (DNAL) and a dedicated Signal Transfer Point (STP) port. The DNAL, as described in Section 8.3 following, provides the connection from the customer designated premises to the Telephone Company STP. (T)

The STP provides screening and routing. It uses the American National Standards Institute (ANSI) Signaling System 7 (SS7) protocol as specified in AM-TR-OAT-000069 to interact with Signaling Points (SPs), Service Switching Points (SSPs) and other STPs. The wire centers with STPs or FSPOIs are set forth in the National Exchange Carrier Association Tariff F.C.C. No. 4 for Wire Center Information (V&H coordinates). (C) (C)

The Ameritech CCS network is a digital data network carrying signaling information which interfaces with the voice/data network. In order to ensure network availability and reliability, STPs and FSPOIs are deployed in geographically dispersed mated pairs. STP Access requires connection to port(s) of either both STPs of the mated pair or both FSPOIs associated with a mated STP pair. (C) (C) (C)

The Ameritech CCS network uses the SS7 protocol, a protocol developed by the Consultative Committee for International Telephone and Telegraph (CCITT) and the ANSI for signaling functions such as routing, establishing connections, providing billing information, validating calling cards and other services. Agreements may be required for passing optional pieces of the SS7 protocol.

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**ACCESS SERVICE****6. Switched Access Service (Cont'd)****6.1 General (Cont'd)****6.1.3 Rate Categories (Cont'd)****(A) Switched Transport (Cont'd)****(4) Chargeable Optional Features (Cont'd)****(c) Signal Transfer Point Access (Cont'd)**

STP Access can be used as a stand-alone service or in conjunction with Telephone Company provided Feature Group D/Terminating Feature Group B service, LIDB Access Service, 800 Carrier-ID-Only, LNP Database Access Queries and/or for the transmission of signaling messages between two customer controlled STP ports, e.g. hubbing arrangement. For InterLATA signaling service, see Section 18, following.

There are three types of charges that apply for STP Access. They are recurring, usage and nonrecurring charges. Recurring and nonrecurring charges apply for each port that is established on an STP. Usage charges apply for each Initial Address Message (IAM) or Transaction Capabilities Application Part (TCAP) (excluding LIDB Access Service, 800 Access Service TCAP messages and LNP Database Access Query TCAP messages) message that is switched by the STP or switched by the STP and transported over SS7 facilities provided by the Telephone Company. The application of usage charges as they relate to Telephone Company provided services or as a stand-alone service is described in Section 6.8.2

(C)  
(C)  
(C)

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## ACCESS SERVICE

## 6. Switched Access Service (Cont'd)

## 6.8 Rate Regulations (Cont'd)

## 6.8.2 Description and Application of Rates and Charges (Cont'd)

## (D) Application of Rates (Cont'd)

## (11) Signaling System 7 (SS7) Signaling Charges

SS7 Signaling usage charges apply for the SS7 Signaling Option as follows:

## (a) Signal Formulation

An Initial Address Message (IAM) Formulation usage charge will be assessed for each IAM message formulated at the Telephone Company End Office for originating FGD traffic and for each IAM message formulated for terminating FGB and FGD traffic that is tandem routed.

A Transaction Capabilities Application Part (TCAP) Signal Formulation usage charge will be assessed for each TCAP message that is formulated at the Telephone Company end office or tandem switch for the origination of non-call associated signaling messages (excluding LIDB, 800 Access Service and LNP Database Access).

(C)  
(T)  
(C)

## (b) Signal Transport

An IAM Signal Transport usage charge will be assessed for each IAM message associated with direct routed traffic. An IAM Signal Transport usage charge will be assessed for each IAM message that is transported from the local STP to the end office for terminating FGB and FGD traffic that is direct routed to the end office.

(C)

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## ACCESS SERVICE

## 6. Switched Access Service (Cont'd)

## 6.8 Rate Regulations (Cont'd)

## 6.8.2 Description and Application of Rates and Charges (Cont'd)

## (D) Application of Rates (Cont'd)

## (11) Signaling System 7 (SS7) Signaling Charges (Cont'd)

## (b) Signal Transport (Cont'd)

A TCAP Signal Transport usage charge will be assessed for each TCAP message that is transported to or from the STP to the designated Service Control Point (SCP) or signaling point. (C)  
(C)

## (c) Signal Switching

An IAM Signal Switching usage charge will be assessed for each IAM message that is switched by the STP for direct routed originating FGD traffic and for each IAM message that is switched for direct routed terminating FGB and FGD traffic. A TCAP Signal Switching usage charge will be assessed for each TCAP message that is switched by the STP for the origination or termination of non-call associated signaling messages (excluding LIDB, 800 Access Service and LNP Database Access Query). (T)  
(T)  
(C)  
(C)

## (d) Signal Tandem Switching

An IAM Signal Tandem Switching usage charge will be assessed for an IAM message that is transported to and switched by the STP for tandem routed originating FGD traffic and for an IAM message that is switched and transported to an end office for tandem routed terminating FGB and FGD traffic. When Signal Tandem Switching usage charges are assessed, Signal Switching and Signal Transport charges do not apply, except for SS7 Gateway Signaling as provided in Section 18. (T)

## (e) Outbound Messaging Application

Outbound Messaging Application provides the ability to have a signal sent from the Telephone Company's SS7 Network to the Outbound Messaging Application Customer. This service functions with an Inter-Stored Program Control Switch (Inter-SPCS) Feature which provides the ability to receive and respond to a signal sent by the Telephone Company's SS7 Network. Additional information on Inter-SPCS Feature can be found in Telcordia GR-866-CORE.

The Outbound Messaging Application service is provided on a per point code per LATA basis and in conjunction with the Telephone Company's SS7 STP Access Service for use with telephone numbers for which the Outbound Messaging Application signal is generated.

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## ACCESS SERVICE

## 8. Specialized Network Services (Cont'd)

## 8.3 Dedicated - Network Access Link (DNAL)

## 8.3.1 Service Description

The Dedicated - Network Access Link provides a connection between the customer's designated premises and a Telephone Company switch or central office for the control of features and functions, or for the transfer of data from the switch or central office to the customer. The DNAL is primarily used in conjunction with switched access or central office based services requiring a separate link for transmitting signaling or control information. Central office based services require connection to equipment in a central office that is not part of the central office switch. For example, service that requires a separate specialized switch or a modem. The switched access service determines the requirement for speed, type, and number of DNALs. (T)

- (A) Signal Transfer Point (STP) Access, as described in Section 6.1.3 preceding, requires diversified digital transmission paths between the customer's designated premises and STPs. When a DNAL used to provide STP Access is provisioned using a Facility Signaling Point of Interconnection (FSPOI), the DNAL will provide diversified digital transmission paths between the customer's designated premises and Telephone Company STPs; however, for ordering purposes, the DNAL is ordered from the customer's designated premises to a Telephone Company designated FSPOI. FSPOIs are deployed only in LATAs where the Telephone Company has removed an STP pair through consolidation and rehomings. (N)

The connection to the Telephone Company STPs or FSPOIs can be made either from the customer's Signaling Point which requires two 56 Kbps circuits or from the customer's STP which requires four 56 Kbps circuits. The STP Access DNAL may be customer provided or Telephone Company provided and must be provided in accordance with the technical specifications found in technical publications TR-TSV-000905 and AM-TR-OAT-000069. The customer provided STP Access DNAL also requires the purchase of Ameritech Cross-Connection Service for Interconnection as described in Section 16.4 following and Interconnection-Central Office Multiplexing as described in Section 7.2.9 preceding. When the customer requests a DNAL to a Telephone Company STP that resides in a LATA other than the LATA of customer's designated premises, the customer is responsible for obtaining the interLATA facilities required to provision such STP Access DNAL. (N)

The Company will use existing facilities to provide transmission paths to the customer which are as diverse as possible at no additional charge. When the STP Access DNAL Local Distribution Channel is provided on an Ameritech Operating Company provisioned and controlled 1.544 Mbps facility, the Ameritech Operating Companies may assign additional network signaling channels to that 1.544 Mbps facility

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## ACCESS SERVICE

(N)

## 8. Specialized Network Services (Cont'd)

## 8.3 Dedicated - Network Access Link (DNAL) (Cont'd)

## 8.3.1 Service Description (Cont'd)

## (A) (Cont'd)

When the Telephone Company consolidates its Common Channel Signaling (CCS) Network to reduce its number of STP pairs, customer changes in STP Access and translations will be required.

The Telephone Company will establish schedules for any consolidation and will work cooperatively with existing customers to establish dates by which necessary changes in facilities and translations will be completed. However, all of an existing customer's STP Access in a LATA must be connected to the new serving arrangement or disconnected no later than the date established by the Telephone Company for the consolidation.

The conversion to the consolidated architecture may require existing customers to use duplicate DNALs and STP ports at the time of conversion to assure continuity of service. Where needed, such redundancy will include the customer's existing STP Access as well as the new STP Access between the customer and the new STP. However, a customer may have STP Access under both the existing arrangement and the new arrangement pursuant only to the conversion schedule established by the Telephone Company. Existing facilities no longer required after all of a customer's facilities have been converted must be disconnected within 60 days of the completion of such conversion. Requests from existing customers for augmentation of existing capacity in a LATA will be converted to the new serving arrangement in accordance with the Telephone Company's conversion schedule. Otherwise, requests for new service will be connected to the new serving arrangement regardless of when ordered.

Recurring and nonrecurring charge credits will apply to the installation of new STP Access associated with the Telephone Company's STP consolidation as follows: Recurring charge credits will apply for new DNALs and STP ports provided by the Telephone Company for the period of time beginning with the installation of the new connections until the earlier of 1) the disconnection of the first pair or quad of existing connections which has traffic being converted to the new arrangement or 2) 60 days following the completion of the conversion. Both nonrecurring and recurring charge credits will apply to any new STP Access that is required by the consolidation of traffic from other LATAs for the period of time beginning with the installation of the new STP Access until the earlier of 1) the disconnection of the first pair or quad of existing connections that have traffic being converted to the new connections or 2) four months after installation of the new connections.

Due to billing system constraints, all recurring and nonrecurring charges will be billed, but appropriate credits will be applied to the customer's bill after the associated existing facilities are disconnected.

(N)

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## ACCESS SERVICE

(M)

## 8. Specialized Network Services (Cont'd)

## 8.3 Dedicated - Network Access Link (DNAL)

## 8.3.1 Service Description (Cont'd)

- (B) Circuit Switch Facility Control (CSFC) is an interface which passes, via the DNAL, signals that are used to busy out a customer's facilities. This interface works in conjunction with and must be related to a circuit with the make busy arrangement described in Section 6 preceding. Thus CSFC requires a two-wire analog DNAL with a basic DNAL termination. The technical parameters are as set forth in Technical Reference Publication TR-TSY-000521, Issue 2.
- (C) Simplified Message Desk Interface (SMDI) is used to pass call history data to a customer for use with Call History Package Delivery feature and to pass signaling information for use with Remote Activation of Message Waiting feature. A modem is required in the central office and a compatible modem is required at the customer's premises. This service is available only in designated offices and requires either a 1200 baud or 9600 baud data termination, on a four wire DNAL in every office a customer wants to access. The SMDI office locations can be found in National Exchange Carrier Association Tariff F.C.C. No. 4 and the ONA Wire Center Database. For use with the Call History Package Delivery option, this interface and corresponding DNAL can be utilized with an FGA line equipped with a multiline hunt group or any compatible line side service authorized under the established policy of the intrastate authorities. The technical parameters are as set forth in Technical Reference Publication AM-TR-OAT-000065.
- (D) Simplified Message Desk Interface - Expanded (SMDI-E) provides customers with the ability to serve multiple offices with a single DNAL by utilizing the signaling network to pass Call History data and signaling information within a LATA. SMDI-E is offered with either a 1200 baud or 9600 baud data termination and is available only in those designated offices equipped with the SMDI-E feature. The SMDI-E 1200 baud and 9600 baud office locations can be found in National Exchange Carrier Association Tariff F.C.C. No. 4 and the ONA Wire Center Database. SMDI-E will be offered with access to any office within the LATA where it is technically feasible. Customers must identify the Telephone Company offices they wish to access. If a customer adds an office or changes an office, an administrative charge will apply. In addition to the elements required for SMDI, the SMDI-E interface option must be ordered. However, the SMDI-E feature only requires a minimum of one DNAL per LATA, rather than a DNAL to every office.

(M)

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## ACCESS SERVICE

## 8. Specialized Network Services (Cont'd)

## 8.3 Dedicated - Network Access Link (DNAL) (Cont'd)

## 8.3.2 Rate Categories

## (A) Local Distribution Channel

The Local Distribution Channel (LDC) provides for a Transmission path between the customer designated premises and the serving wire center of that premises.

- (1) The Analog 2 wire Local Distribution Channel is a two-wire facility
- (2) The Analog 4 wire Local Distribution Channel is a four-wire facility
- (3) The 9.6 Kbps Local Distribution Channel is a digital four-wire facility
- (4) The 56 Kbps Local Distribution Channel is a digital four-wire facility

## (B) Channel Mileage Termination

The Channel Mileage Termination rate category provides for the termination of interoffice facilities to the central office. Therefore, it is only applied if there is interoffice mileage and not to circuits within the same central office.

## (C) Channel Mileage

The Channel Mileage rate category provides for the transmission facilities between the serving wire center associated with a customer designated premises and Telephone Company Central Office equipment necessary to terminate the DNAL as described in Section 8.3.1 above.

When the DNAL used to provide STP Access is provisioned using an FSPOI, the  
Channel Mileage rate category provides for the transmission facilities between the  
serving wire center associated with a customer designated premises and the  
Telephone Company Central Office FSPOI equipment necessary to terminate the  
DNAL as described in section 8.3.1 above.

(N)  
(N)  
(N)  
(N)  
(N)

## (D) DNAL Termination

The DNAL Termination provides for an interface for various types of DNALs. This would include data sets and any other equipment in the central office required to provide the service.

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## ACCESS SERVICE

## 8. Specialized Network Services (Cont'd)

## 8.3 Dedicated - Network Access Link (DNAL) (Cont'd)

## 8.3.4 Rate Regulations (Cont'd)

## 8.3.4.1 Types of Rates and Charges (Cont'd)

## (1) Installation of Service (Cont'd)

## (c) Customer Connection Charge

The Customer Connection Charge applies to each service installed, and is charged once per Local Distribution Channel. The nonrecurring charges for customer connection are set forth in 8.3.5 following.

## (2) Service Rearrangements

Service Rearrangements are changes to existing (installed) services. There are no optional features. Consequently, except for Priority Restoration (PR) changes in Telecommunications Service Priority (TSP) System services, service rearrangements will be treated as a disconnect and start of new service. If the PR Level is changed, the PR Level Change and the Administrative Charges apply.

## 8.3.4.2 Minimum Periods

The minimum service period is one month.

## 8.3.4.3 Mileage Measurement

The mileage to be used to determine the monthly rate for the Channel Mileage is calculated on the airline distance between the serving wire center associated with a customer designated premises and the Telephone Company Central office where the service terminates. When an FSPOI is used to provision an SS7 DNAL, the mileage to be used to determine the monthly rate for the Channel Mileage is calculated on the airline distance between the serving wire center associated with a customer-designated premises and the Telephone Company Central office where the FSPOI is located. The serving wire center associated with a customer designated premises is the serving wire center from which the customer designated premises would normally obtain dial tone. (N)  
(N)  
(N)  
(N)  
(N)  
(N)

To determine the rate to be billed, first compute the mileage using the V&H Coordinates Method, as set forth in the National Exchange Carrier Association Tariff F.C.C. No. 4.

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