

Jerry D. Hendrix Vice President Regulatory Relations

AT&T Florida 150 South Monroe St. Suite 400 Tallahassee, FL 32301 T: 850-577-5550 F: 850-224-5073 Jerry.Hendrix@att.com www.att.com

September 16, 2011

Beth Salak, Director Division of Regulatory Analysis Florida Public Service Commission Attn: Tariff Section 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850

Dear Ms. Salak:

Pursuant to Florida Statute 364.051, attached for filing with the Commission are the following pages of the General Subscriber Service Tariff:

General Subscriber Service Tariff (See Attachment)

The purpose of this filing is to obsolete the following Fast Packet Transport Services: Frame Relay Service, Asynchronous Transfer Mode (ATM) Service and Customer Network Management. Effective September 19, 2011, these services will not be available for new installations, additions or transfers of service to new locations. The effective date of this tariff modification is September 19, 2011.

Acknowledgement, date of receipt and authority number of this filing is requested.

Your consideration and approval will be appreciated.

Yours very truly,

Jerry D. Hendrix (slg)

Regulatory Vice President Attachments

- Subject Index Sixth Revised Page 2
 - Sixth Revised Page 7
 - Sixth Revised Page 12
- Section A40 Fourth Revised Page 1
 - Eighth Revised Page 2
 - Fifth Revised Page 2.1
 - Second Revised Page 2.2
 - Eighth Revised Page 3
 - Second Revised Page 3.1
 - Third Revised Page 3.2
 - Second Revised Page 3.3
 - Eighth Revised Page 4
 - Eighth Revised Page 4.1
 - Third Revised Page 4.2
 - Second Revised Page 4.3
 - Third Revised Page 4.4
 - Twelfth Revised Page 5
 - Fifth Revised Page 5.0.0.1
 - First Revised Page 5.0.0.1.1
 - Third Revised Page 5.0.0.2
 - Sixth Revised Page 5.0.1
 - Fourth Revised Page 5.0.2
 - Fifth Revised Page 5.1
 - Fourth Revised Page 20
 - Fifth Revised Page 20.1
 - Second Revised Page 20.2
 - Second Revised Page 20.2.1
 - Third Revised Page 20.3
 - First Revised Page 20.3.1
 - Fifth Revised Page 20.3.2
 - First Revised Page 20.3.2.0.1
 - Second Revised Page 20.3.2.1

AT&T Florida Attachment Page 1 of 4

- Section A40 (Cont'd) Second Revised Page 20.3.3
 - Third Revised Page 20.3.4
 - Second Revised Page 20.3.5
 - Fourth Revised Page 20.4
 - First Revised Page 20.4.0.1
 - Second Revised Page 20.4.1
 - Fourth Revised Page 20.5
 - Second Revised Page 20.5.0.1
 - Fourth Revised Page 20.5.1
 - Second Revised Page 20.5.1.1
 - Third Revised Page 20.5.2
 - Third Revised Page 20.6
 - First Revised Page 20.6.0.1
 - Second Revised Page 20.6.1
 - Second Revised Page 20.7
 - First Revised Page 20.7.1
 - Third Revised Page 20.8.2
 - Second Revised Page 32
 - First Revised Page 33
 - First Revised Page 34
 - First Revised Page 35
 - Second Revised Page 36
 - Contents Tenth Revised Page 1
 - Contents Seventh Revised Page 2
 - Section A140 Fourth Revised Page 1
 - Original Page 1.1
 - Original Page 1.2
 - Original Page 1.3
 - Original Page 1.4
 - Original Page 1.5
 - Original Page 1.6
 - Original Page 1.7
 - Original Page 1.8
 - Original Page 1.9

- Section A140 (Cont'd) Original Page 1.10
 - Original Page 1.11
 - Original Page 1.12
 - Original Page 1.13
 - Original Page 1.14
 - Original Page 1.15
 - Original Page 1.16
 - Original Page 1.17
 - Original Page 1.18
 - Original Page 1.19
 - Original Page 1.20
 - Third Revised Page 6
 - Original Page 6.1
 - Original Page 6.2
 - Original Page 6.3
 - Original Page 6.4
 - Original Page 6.5
 - Original Page 6.6
 - Original Page 6.7
 - Original Page 6.8
 - Original Page 6.9
 - Original Page 6.10
 - Original Page 6.11
 - Original Page 6.12
 - Original Page 6.13
 - Original Page 6.14
 - Original Page 6.15
 - Original Page 6.16
 - Original Page 6.17
 - Original Page 6.18
 - Original Page 6.19
 - Original Page 6.20
 - Original Page 6.21
 - Original Page 6.22

- Section A140 (Cont'd) Original Page 6.23
 - Original Page 6.24
 - Original Page 6.25
 - Original Page 6.26
 - First Revised Page 12
 - Original Page 13
 - Original Page 14
 - Original Page 15
 - Original Page 16
 - Original Page 17
 - Contents Eighth Revised Page 1

AT&T Florida Attachment Page 1 of 4

- Subject Index Sixth Revised Page 2
 - Sixth Revised Page 7
 - Sixth Revised Page 12
- Section A40 Fourth Revised Page 1
 - Eighth Revised Page 2
 - Fifth Revised Page 2.1
 - Second Revised Page 2.2
 - Eighth Revised Page 3
 - Second Revised Page 3.1
 - Third Revised Page 3.2
 - Second Revised Page 3.3
 - Eighth Revised Page 4
 - Eighth Revised Page 4.1
 - Third Revised Page 4.2
 - Second Revised Page 4.3
 - Third Revised Page 4.4
 - Twelfth Revised Page 5
 - Fifth Revised Page 5.0.0.1
 - First Revised Page 5.0.0.1.1
 - Third Revised Page 5.0.0.2
 - Sixth Revised Page 5.0.1
 - Fourth Revised Page 5.0.2
 - Fifth Revised Page 5.1
 - Fourth Revised Page 20
 - Fifth Revised Page 20.1
 - Second Revised Page 20.2
 - Second Revised Page 20.2.1
 - Third Revised Page 20.3
 - First Revised Page 20.3.1
 - Fifth Revised Page 20.3.2
 - First Revised Page 20.3.2.0.1
 - Second Revised Page 20.3.2.1

AT&T Florida Attachment Page 2 of 4

- Section A40 (Cont'd) Second Revised Page 20.3.3
 - Third Revised Page 20.3.4
 - Second Revised Page 20.3.5
 - Fourth Revised Page 20.4
 - First Revised Page 20.4.0.1
 - Second Revised Page 20.4.1
 - Fourth Revised Page 20.5
 - Second Revised Page 20.5.0.1
 - Fourth Revised Page 20.5.1
 - Second Revised Page 20.5.1.1
 - Third Revised Page 20.5.2
 - Third Revised Page 20.6
 - First Revised Page 20.6.0.1
 - Second Revised Page 20.6.1
 - Second Revised Page 20.7
 - First Revised Page 20.7.1
 - Third Revised Page 20.8.2
 - Second Revised Page 32
 - First Revised Page 33
 - First Revised Page 34
 - First Revised Page 35
 - Second Revised Page 36
 - Contents Tenth Revised Page 1
 - Contents Seventh Revised Page 2
 - Section A140 Fourth Revised Page 1
 - Original Page 1.1
 - Original Page 1.2
 - Original Page 1.3
 - Original Page 1.4
 - Original Page 1.5
 - Original Page 1.6
 - Original Page 1.7
 - Original Page 1.8
 - Original Page 1.9

- Section A140 (Cont'd) Original Page 1.10
 - Original Page 1.11
 - Original Page 1.12
 - Original Page 1.13
 - Original Page 1.14
 - Original Page 1.15
 - Original Page 1.16
 - Original Page 1.17
 - Original Page 1.18
 - Original Page 1.19
 - Original Page 1.20
 - Third Revised Page 6
 - Original Page 6.1
 - Original Page 6.2
 - Original Page 6.3
 - Original Page 6.4
 - Original Page 6.5
 - Original Page 6.6
 - Original Page 6.7
 - Original Page 6.8
 - Original Page 6.9
 - Original Page 6.10
 - Original Page 6.11
 - Original Page 6.12
 - Original Page 6.13
 - Original Page 6.14
 - Original Page 6.15
 - Original Page 6.16
 - Original Page 6.17
 - Original Page 6.18
 - Original Page 6.19
 - Original Page 6.20
 - Original Page 6.21
 - Original Page 6.22

- Section A140 (Cont'd) Original Page 6.23
 - Original Page 6.24
 - Original Page 6.25
 - Original Page 6.26
 - First Revised Page 12
 - Original Page 13
 - Original Page 14
 - Original Page 15
 - Original Page 16
 - Original Page 17
 - Contents Eighth Revised Page 1

AT&T Florida Attachment

EXECUTIVE SUMMARY

Description of Proposed Tariff

This General Subscriber Service Tariff (GSST) filing provides for the grandfathering of the following Fast Packet Transport Services:

- Frame Relay Service
- Asynchronous Transfer Mode (ATM) Service
- Customer Network Management

Effective September 19, 2011, the services listed above are not available for new installations, additions or transfers of service to new locations.

The proposed effective date of this filing is September 19, 2011.

Cancels Fifth Revised Page 2Cancels Fifth Revised Page 2Cancels Fourth Revised Page 2

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: April 30, 2010

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: May 1, 2010 BY: Marshall M. Criser III, President -FL

Miami, Florida

SUBJECT INDEX

SUBJECT

A.

SECTION

(T)

(T) (N)

Apartment Door Answering Service	A13.3.1
Application for Service	
Application of Rates for Business and Residence Service	
Area Communication Service (ACS) (Obsoleted)	A131.2
Area Plus Service	
Arrangement for Night, Sunday and Holiday Service	A13.5
Obsolete	A113.4
Assigned Centrex Type Services Telephone Numbers Without Facilities	
Assignment of Dedicated 203-XXXX Numbers	
Asynchronous Transfer Mode (ATM) Service (Obsoleted)	
AT&T Business Local Calling Assurance	
Automatic Number Identification (ANI)	A13.59
AUTOTAS Answering System Concentrator (Obsoleted)	A108.4
Auxiliary Line Service (Inward Service)	A3.4.2
Availability of Facilities	

TELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Fifth Revised Page 7Cancels Fifth Revised Page 7Cancels Fourth Revised Page 7

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: August 6, 2009

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: August 7, 2009

BY: Marshall M. Criser III, President -FL Miami, Florida

SUBJECT INDEX

SUBJECT

C.

SECTION

(Đ)

(T)

(T)

Connections of Terminal Equipment and Communications Systems	A15
Communications Systems	A15.3
Obsolete	A115.2
Connections of Other Carrier-Provided Communications Systems	A15.5
Terminal Equipment	A15.2
Obsolete	A115.1
Trouble Location Charge	A15.4
Connections of Terminal Equipment Specifically Exempted from the FCC Registration Program	A15.1.8
Connections of Termination Equipment Specifically Exempted from the FCC Registration Program	A15.1.8
Construction on Private Property Across Which Rights-of-Way and Easements Satisfactory to the	4525
Company are Provided without Cost to the Company	AJ.2.3
Contract Service Arrangements	A3./
(DELETED)	
Credit and Deposits for Applicants	A2.4.2
CrisisLink Service	A34.5
Cross Reference Listing	A6.7.6
Custom Calling Services	A13.9
Custom Service Area (CSA)	A13.60
Customer Agents	A2.14
Customer Management Features for ESSX Service (Obsoleted)	A112.11
Customer Network Management (CNM) – Fast Packet (Obsoleted)	A <u>/</u> 40.12
Customer Payment Plans	A22
Customer Premises Inside Wiring (Inside Wire)	A2.9
Customized Code Restrictions	A13.20
Customized Dialing Package (CDP) (Obsoleted)	A112.24
Customized Large User Bill (CLUB)	A13.4.4

Cancels Fifth Revised Page 12Cancels Fifth Revised Page 12Cancels Fourth Revised Page 12

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: July 15, 2004

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: August 14, 2004 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

SUBJECT INDEX

SUBJECT

F.

SECTION

(T)

(T) (T) (<u>T)</u>

Facilities and Equipment for Telephone Answering Service	
Fast Packet Services Payment Plan (Optional Payment Plan)	
Flat, Message and Measured Rate Exchange Services	
Flat Rate Service	
FLEXSERV - Digital Access Cross Connect	
Floor Space, Electric Power and Operating at the Subscriber's Premises	
Foreign Exchange Service	
Foreign Exchange Service (Type 2) (Obsoleted)	A109.1
Foreign Central Office Service	
Foreign Listing	
Four-Wire Terminating Arrangement - WATS	A119.5.8
Fractional Periods - WATS	
Frame Relay Service (<i>Obsoleted</i>)	

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

BELLSOUTH 1Ninth Revised Page 1

TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Ninth Revised Page 1 Cancels Ninth Revised Page 1 Cancels Eighth Revised Page 1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: March 15, 2004

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: March 30, 2004 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

CONTENTS

A40.1	Frame Relay Service (Obsoleted, See Section A140)	1	<u>(O)</u>
A40.1	.1 General		
A40.1	3 Rates and Charges	<u></u> 5	
A40.2	Reserved for Future Use	6	
A40.3	Native Mode LAN Interconnection (NMLI) Service (Obsoleted, See Section A140.3)	6	(T
A40.4	Reserved for Future Use	10	(T)
A40.5	Broadband Line Service	14.1	
A40.5	5.1 General	14.1	
A40.5	5.2 Regulations	14.1	
A40.5	5.3 Fast Packet Option (FPO)	17	
A40.6	Reserved for Future Use	19.1	
A40.7	Reserved for Future Use	20	
A40.8	Asynchronous Transfer Mode (ATM) Service (Obsoleted, See Section A140)	20	<u>(0</u>)
A40.8	3.1 General		
A40.8	3.2 Regulations	20.1	
A40.8	8.3 Rates and Charges	20.6	
A40.9	Miscellaneous Charges For Fast Packet Transport Services	20.8	
A40.9	0.1 General	20.8	
A40.9	Due Date Change Charges	20.8	
A40.9	0.3 Expedite Request Charges	20.8	
A40.9	0.4 Cancellation Charges	20.8.2	

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

All BellSouth ection of this Tariff are owned by BellSouth Intellectual Property Corporation.

))

Cancels Sixth Revised Page 2Cancels Sixth Revised Page 2Cancels Fifth Revised Page 2

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: March 15, 2004

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: March 30, 2004 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

CONTENTS

A40.10 Fast Packet Ser	vices Payment Plan	20.8.3	
A40.10.1 General		20.8.3	
A40.10.2 Application of Rates	and Charges	20.8.3	
A40.10.3 Additions		21	
A40.10.4 Disconnects		21	
A40.10.5 Requests for Change	es in Length of Optional Payment Period	22	
A40.10.6 Renewal Options		22	
A40.10.7 Transfer of Service		23	
A40.10.8 Deferred Payment		23	
A40.10.9 Prepayment		24	
A40.10.10 Exception to Termin	ation Liability for State, County, and Municipal Governments	24	
A40.10.11 Moves of Service(s)	Under Fast Packet SPP	25	
A40.11 BellSouth Video	Conferencing Service	25	
(Obsoleted, See	Section A140)		
A40.12 Customer Netwo	ork Management (Obsoleted, See Section A140)	32	<u>(O)</u>
A40.12.1 General		32	
A40.12.2 Regulations		34	
A40.12.3 Rates and Charges		36	
A40.13 BellSouth Metro	Ethernet Service	37	(N)
A40.13.1 General		37	(N)
A40.13.2 Regulations		37	(N)
A40.13.3 Rates and Charges		46	(N)

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

All BellSouth marks contained herein and as set forth in the trademarks and servicemarks section of this Tariff are owned by BellSouth Intellectual Property Corporation.

BELLSOUTH	GENERAL SUBSCRIBER SERVICE TARIFF	Fourth Revised Page 1Fourth Revised Page
1 Third Revised Page 1		
TELECOMMUNICATIO	ONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.	
	Cancels Third Revised Page 1Cancels Third Revised Page 1Cancels Sec	cond Revised Page 1
FLORIDA		
ICCLIED, Cantanal an 16	20111881/ED: Contambour 16, 20111881/ED: June 25, 2002	

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

 $(\mathbf{0})$

A40.1 Frame Relay Service (Obsoleted, See Section A140)

A40.1.1 General

BEL 1Thi

- A. Frame Relay Service is a connection oriented data transport service based on packet switching technology.
- Frame Relay Service provides flexible connectivity using Permanent Virtual Circuits (PVCs) implemented over digital facilities operating at transmission speeds of 56 Kbps, 64 Kbps, 128 Kbps, 1.536 Mbps, or 44.210 Mbps.
- Network interface specifications for Frame Relay Service are contained in the following documents:
 - -ANSI T1.617 1991, "Integrated Services Digital Network (ISDN) Digital Subscriber Signaling System No. 1 (DSS1)
 - Signaling Specification for Frame Relay Service", American National Standards Institute, April 1991 and ANSI T1.618-1991, "Integrated Services Digital Network (ISDN) - Core Aspects of Frame Relay Protocol for use with Frame Relay Bearer Service", American National Standards Institute, April 1991. Both of these documents may be ordered from:

American National Standards Institute Customer Service 11 West 42nd Street New York, New York, 10036

Document No. 001 208966, "Frame Relay Specification with Extension Based on Proposed T1S1 Standards", Revision 1.0, Digital Equipment Corporation, Northern Teleom, Inc., and StrataCom, Inc., September 1990. This document may be ordered from:

> Frame Relay Forum 39355 California Street Suite 307 Freemont, CA 94538-1447

TR 73587 Frame Relay Service Interface and Performance Specifications. This document may be ordered from:

BellSouth Telecommunications, Inc. **Regional Documentation Coordinator** 20th Floor 600 North 19th Street Birmingham, AL 35203

- Frame Relay Service, as provided for in this Tariff section, is offered for intraLATA use only.
- The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this and other Tariffs of the Company.
- The rates and charges set forth for Frame Relay Service provide for the furnishing of service where suitable facilities are available.
- **Specifications** is only available when provided in conjunction with Broadband Line Service. Frame Service Broadband Line Service are contained in A40.5 of this Tariff.

Cancels Seventh Revised Page 2Cancels Seventh Revised Page 2Cancels Sixth Revised Page 2

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.2 Regulations

A. Explanation of Terms

1. Customer Connection to Frame Relay Service

The Customer Connection provides the customer with the standard interface to the Frame Relay Service network. This interface receives the data frame from the customer's network or device and verifies that the DLCI is valid before relaying the frame to the destination. Included in the Customer Connection are the customer's termination on the Frame Relay Service switching equipment, the transport from the Serving Area Point to the switching equipment, and the first DLCI. These interfaces connect the Frame Relay Service network with digital facilities operating at transmission speeds of 56 Kbps, 128 Kbps, 1.536 Mbps, or 44.210 Mbps.

2. Frame Relay Service Network Serving Area

Certain Company Central Offices are designated by the Company as Serving Area Points for the Frame Relay Service Network Serving Area. A customer accessing the Frame Relay Service network, whose Serving Wire Center is designated a Serving Area Point, requires a Broadband Line Fast Packet Option (FPO) as described in A40.5 of this Tariff. A Frame Relay Service customer, whose Serving Wire Center is not designated a Serving Area Point, will use a Broadband Line FPO to the Wire Center, as well as, the Broadband Line Extension FPO (also described in A40.5) to gain access to the closest designated Serving Area Point.

3. Permanent Virtual Circuit (PVC)

A PVC is a software defined data path transporting data within the Frame Relay Service network between two Customer Connections. This data path, once defined in the network software, does not have to be established again. PVCs are end to end, bi-directional channels that are established via the service provisioning process. A Standard PVC is created via the mapping of two Standard DLCIs; on an optional basis features are available to allow the creation of Priority Voice, Priority Data, Intelligent and MultiCast PVCs.

a. Priority PVC

Priority PVC capability allows a customer to differentiate specific PVCs with regard to the importance of the data within those PVCs as compared to other PVCs. In the case of contention or network congestion, the Frame Relay Service network will give precedence to the frames of a Priority PVC over frames of a Standard PVC. Frame Relay Service allows the creation of Priority Voice PVCs and Priority Data PVCs. Such a Priority PVC is formed by the mapping of Priority Voice or Priority Data DLCIs⁴ (as set forth in A40.1.3.C.1.b or c) to Priority Voice and Priority Data DLCIs; these Priority DLCIs must have an associated CIR value of greater than zero.

b. Intelligent PVC

Intelligent PVC capability allows automatic rerouting on a per PVC basis within the Frame Relay Service network. The Intelligent PVC feature is associated with a customer specified three DLCI PVC. With the Intelligent PVC feature, a PVC is established between an originating DLCI (referred to as the pivot endpoint) and a primary terminating DLCI (referred to as the primary terminating DLCI (referred to as the primary endpoint). Frames from the originating DLCI (pivot endpoint) will automatically be rerouted to a secondary terminating DLCI (referred to as the secondary endpoint) if the Frame Relay switch detects trouble associated with the primary terminating DLCI (primary endpoint). After such rerouting, the Frame Relay switch will continue to monitor the signals from the primary endpoint and when the trouble is eleared, will automatically reroute the frames going to the secondary endpoint back to the primary endpoint. The BellSouth document TR 73587 provides more detailed technical information on how Intelligent PVC capability is provided.

c. MultiCast PVC

MultiCast PVC capability allows a customer to establish a one to many broadcasting PVC that distributes data simultaneously from a host site to a group of predetermined remote sites (called a MultiCast PVC Group). Transmission on a MultiCast PVC is unidirectional (from the host to the remotes in each MultiCast PVC Group). All sites in a MultiCast PVC Group will be able to simultaneously receive a single packet transmission transmitted from the host; upon transmission from the host, the Frame Relay network replicates and distributes the packets to the various remote sites identified as members of the MultiCast PVC Group. A MultiCast PVC may be established as a Standard MultiCast PVC or as a Priority MultiCast PVC (refer to description of Priority PVC capability discussed in A40.1.2.A.3.a preceding).

2Seventh Revised Page 2

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC.

Cancels Seventh Revised Page 2Cancels Seventh Revised Page 2Cancels Sixth Revised Page 2

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

Note 1: PVCs are bi directional unless specified otherwise (e.g., a MultiCast PVC is uni-directional).

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual

Fifth Revised Page 2.1 Cancels Fourth Revised Page 2.1

EFFECTIVE: September 19, 2011

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.2 Regulations (Cont'd)

Explanation of Terms (Cont'd)

-Data Link Connection Identifier

The Frame Relay standard specifies an address field called the Data Link Connection Identifier (DLCI). The DLCI specifies a connection. When any two DLCIs are mapped together, a PVC can be created. When three DLCIs are associated together, an Intelligent PVC can be formed. A DLCI which is not a Priority DLCI (as specified in A40.1.2.A.3.a. preceding) is referred to as a Standard DLCI.

Committed Information Rate (CIR)

Committed Information Rate is a feature that enables the customer to select a sustained throughput under normal conditions. A CIR must be selected for each DLCI. A CIR selected with a value greater than zero has a separate charge from any DLCI charges. Frames submitted at a rate above the subscribed CIR will be marked "discard eligible" (DE) and, should network congestion occur, are subject to being dropped by the network. If CIR is set equal to zero, then all frames will be marked DE. However, in the absence of network congestion, DE marked frames will be transported with the same reliability as frames not marked DE within a single, Company Frame Relay Switch. The CIR value selected cannot exceed the minimum transmission speed of the link at either end of the PVC.

The CIR value of Priority Voice DLCIs and Priority Data DLCIs must be greater than zero.

Feature Change Charge

In addition to any specific optional feature charges, a Feature Charge Charge applies whenever a change is made (at the eustomer's request) to a single optional feature for a single customer within a single network configuration on a single switch within a single jurisdiction. One Feature Change Charge will apply per service order required to perform the work.

A Feature Change Charge is applicable if the "first" DLCI, the one included with the Customer Connection, is modified.

Serving Area Point (SAP)

A Company Central Office that is designated as a member of the Frame Relay Service Network Serving Area. (See the definition of Frame Relay Service Network Serving Area preceding.)

Back-Up Capability

Property or AT&T affiliated companies.

Back Up Capability is available on an optional basis and provides the customer with the ability to have a back up logical port configured to his service needs in the event that the customer's primary connection is disabled. A Back-Up Customer Connection utilizes a Broadband Line (with Broadband Line Extension Service, as appropriate). Both the Back Up Customer Connection and its associated Broadband Line Service are specifically dedicated to providing back-up service and remain idle except when being utilized for back-up purposes.

The customer must prearrange with the Company which primary Customer Connections(s) may be directed to a specific Back Up Customer Connection so that the necessary work is done by the Company which is required prior to back up capability being possible. A Customer Connection so identified which may be redirected in the event of a failure is referred to as a back up enabled primary Customer Connection, or referred to herein as simply the primary Customer Connection. A Frame Relay primary Customer Connection may only utilize a Frame Relay Back Up Customer Connection and both must be the same type of interface (i.e., both configured as either NNI or UNI interfaces). A primary Customer Connection must be in the same Frame Relay Network Serving Area as its identified Back Up Customer Connection. A primary Customer Connection may have only one Back Up Customer Connection identified. A Back-Up Customer Connection may serve as the back-up for more than one primary Customer Connection; however, a Back Up Customer Connection may only be actively in use with one primary Customer Connection at a given time.

 (\mathbf{T})



Cancels First Revised Page 2.2 Cancels First Revised Page 2.2 Cancels Original Page 2.2

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: April 14, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: April 29, 2003
BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL
Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.2 Regulations (Cont'd)

A. Explanation of Terms (Cont'd)

8. Back-Up Capability (Cont'd)

The Back Up Customer Connection is manually activated by the Company when the customer requests service from a primary Customer Connection to be redirected to its pre-identified Back Up Customer Connection. All DLCIs associated with the primary Customer Connection are rerouted to the Back Up Customer Connection⁴. It is strongly recommended that the size of the Back Up Customer Connection be the same size as the customer's largest primary Customer Connection.

In the event that the customer chooses to utilize a Back Up Customer Connection which is of a lower speed than the primary Customer Connection, the Company cannot guarantee the sufficiency of the Back Up Customer Connection to protect the customer's primary data. There exists the realistic possibility that due to the lower amount of physical bandwidth on the Back Up Customer Connection in such cases, that not all of the customer's DLCIs will be provisioned to the Back Up Customer Connection. Network congestion may be encountered which may result in packets of data being discarded or entire locations without access to Back Up Capability.

A Back-Up Customer Connection is not eligible for Network Service Level Agreements (SLAs) specified in B.6. following.

9. Oversubscription

A customer may establish multiple PVCs on a Frame Relay Service Customer Connection with a total CIR greater than the Frame Relay Service Customer Connection speed. This is called oversubscription. This allows the customer to take advantage of the fact that not all of these PVCs will be active simultaneously. However, the network's apparent performance will be degraded if the customer attempts to make use of this overbooked commitment (or oversubscription) beyond the capacity of the Frame Relay Service Customer Connection. In the worst case, attempts to fully utilize such overbooked commitment may appear to the customer as network unavailability.

The amount of oversubscription (expressed as a percentage) will be determined by the following formula:

Sum of the CIR/PVC on a single Frame Relay Customer Connection

Frame Relay Service Customer Connection speed times 100

In order to qualify for Network Service Level Agreements (as specified in B.6. following), a Frame Relay Service Customer Connection may only oversubscribe up to 200%. In the event the customer exceeds this oversubscription limit, Network SLA credits will not be issued. The customer then must either upgrade their Frame Relay Service Customer Connection speed or subscribe to an additional Customer Connection(s) to remain less than or equal to the 200% oversubscription limit to qualify for future Network SLA crediting.

Note 1: To appropriately provision new DLCIs ordered subsequent to a primary Customer Connection being enabled for Back Up Capability, subsequent orders for DLCIs should specify that the DLCIs are being requested in association with a primary Customer Connection

Material appearing on this page previously appeared on page(s) 2.1 of this section.

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual

EFFECTIVE: September 19, 2011

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.2 Regulations (Cont'd)

Basis of Offering **B**.

- 1. Detailed monthly billing is not provided.
- Suspension of service is not allowed.
- **Obligations of Customer and Company**
 - a. The Company is not responsible for the installation, operation, or maintenance of any equipment provided by the customer.
 - The customer is responsible for the provision and maintenance of all Customer Provided Equipment (CPE) and to ensure that the operating characteristics of this equipment are compatible with and do not interfere with the service offered by the Company.
 - The maximum number of DLCIs per Customer Connection is subject to the characteristics of the customer's data traffic. Thus, the number of DLCIs per Customer Connection must be negotiated between the customer and the Company at the establishment of the Customer Connection and subsequent to the establishment should the traffic characteristics change.
 - The Company is authorized to provide Frame Relay Service for use in application testing subject to the regulations set forth in A2.5.11. Up to 4 Customer Connections, with not more than 3 Customer Connections operating at the same transmission speeds, may be utilized in a typical applications test configuration. The Company is authorized to deviate from this average in order to fully participate in an application test with a customer which cannot otherwise be performed to the customer's satisfaction. Application testing is not available for 44.210 Mbps Customer Connections. Service Level Agreement credits as defined in 6. following do not apply for Frame Relay Service provided for an application test (i.e., no credits apply during the period of the application testing.)
- maintain the quality of Frame Relay Service, the Company reserves the right to perform maintenance of software updates to the network. This could result in Frame Relay Service being unavailable during the time period between 2:00 A.M. and 4:00 A.M. Eastern Time on any given Wednesday or Sunday morning. However, the Company only expects to utilize this maintenance window for any given switch on the average of once a quarter. In addition, the Company will make every reasonable effort to provide advance notice to those customers likely to be severely affected by such maintenance work. This maintenance window may be adjusted by the Company upon written notice to the customer.
- 5. The minimum service period is one month.
- 6. Service Level Agreement

Frame Relay Service includes Service Level Agreements (SLAs) which specify the Company's provisioning, repair and performance commitments for Frame Relay Service in specific areas. Provisioning and repair commitments are measured on a per occurrence basis. Network service level commitments are monthly performance measurements. The following service measurements will outline the service levels that the Company will deliver to its Frame Relay customers.

- Provisioning and Repair:
- Frame Relay Installation Interval
- Frame Relay Time To Repair
- Network Service Levels:

Property or AT&T affiliated companies.

- Frame Relay Network Availability
- Frame Relay Network Transit Delay
- Frame Relay Frame Delivery Rate

Service Level Commitments will define Frame Relay service measurements that the Company agrees to provide every customer. If the Company fails to meet a Service Level Commitment, the customer is eligible for a SLA credit. Credits for missed Network Service Level Commitments will only be available to customers subscribing to the Gold Package in Customer Network Management from A40.12 of this Tariff. Billing credits which may apply if the Company does not

BELLSOUTH **TELECOMMUNICATIONS FLORIDA** ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

Cancels First Revised Page 3.1 Cancels First Revised Page 3.1 Cancels Original Page 3.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: December 6, 2002

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: December 21, 2002 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

- 6. Service Level Agreements (Cont'd)
 - a. SLA Service Level Commitments
 - The Company's Service Level Commitments for Frame Relay Service are as follows:
 - -----Frame Relay Installation Interval -- Standard Interval

 - Frame Relay Network Availability on a customer's network within the Frame Relay Network Serving Area 99.9%
 - Frame Relay Network Transit Delay/One Way 60 milliseconds
 - Frame Relay Frame Delivery Rate of all frames transmitted with CIR greater than 32 Kbps 99.9%
 - b. SLA Restrictions

The Company will implement SLA provisioning restrictions that will define customer network design requirements and limitations to BellSouth's commitment to meet Service Levels for Frame Relay Service. Customer network design requirements are intended to limit or negate BellSouth's obligation to provide SLA credits when the customer has under engineered their BellSouth Frame Relay network. The customer network design requirements are as follows:

- The customer's network must have a minimum of 10 customer connections for the Company to provide SLA eredits.
- The total CIR on all PVCs carried by any of the customer's Frame Relay Customer Connections may not be greater than 200% of the Customer Connection speed (oversubscription).
- A customer must be subscribing to the Gold Package in Customer Network Management (CNM) from A40.12 to receive credits for missed Network Service Level Commitments. Customer Connections at both ends of a PVC must have the CNM Gold Package or equivalent. In the event only one end of a PVC is ordered from this Tariff, eredits will only be issued for the rate elements ordered from this Tariff.

SLA credits do not apply when any stated objective is not met because the Company does not have control over the eircumstances causing the objective to be missed. Situations over which the Company does not have control can be defined as, but not limited to, the following:

- any act, any omission or negligence on the part of the customer, any other customer or any third party, or of any
 other entity providing a portion of the service,
- labor difficulties, governmental orders, civil commotions, declared National Emergencies, criminal actions
 against the Company, acts of God, war, or other circumstances beyond the Company's control,
- the customer's premises equipment,

SLA commitments only apply for service wholly within Company territory. SLA commitments will not apply for circuits which are part of a jointly provided service. SLA commitments do not apply for service provided by other telephone companies concurring in the rates and regulations of the Company.

<u>(O)</u>

 (\mathbf{O})

3.2Second Revised Page 3.2 TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Second Revised Page 3.2 Cancels Second Revised Page 3.2 Cancels First Revised Page 3.2

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

6. Service Level Agreements (Cont'd)

b. SLA Provisioning Restrictions (Cont'd)

The customer must request a credit within one calendar month of the Company missing a Frame Relay Service Level Commitment. The Company will investigate customer requests for any SLA credits to determine the cause of any performance failures reported by the customer. The Company will investigate the customer's request over a period of up to 45 calendar days. The 45 day period will begin when the customer makes the request for credit with their BellSouth Sales Representative. SLA credits will be provided to the customer if the Company determines that the Company had control over the circumstances causing the failure. If the Company determines that these failures are the result of oversubscription of Frame Relay Service Customer Connections, the Company will provide the customer with the reports documenting the oversubscription and Network SLA credits will not be issued. The customer will be required to upgrade their Frame Relay Service Customer Connections or no future SLA credits will be allowed on that Frame Relay Service Customer Connection(s).

When a customer requests a SLA credit for Frame Relay Network Availability, all requests for a calendar month must be submitted at the same time. For example, the customer receives a SLA report on May 1st providing a report on April performance. Any requests for Network Availability SLA credits on Customer Connections for the month of April must all be submitted together.

e. SLA Credits for Frame Relay Service Level Commitments

The following credits will apply when the Company misses a Service Level Commitment (each credit is described in (1) thru (5) following):

- Frame Relay Installation Interval Credit non recurring installation charge paid by the customer
- Frame Relay Time-To-Repair Credit one day of Monthly Recurring Charge (MRC)
- -----Frame Relay Network Transit Delay -----Credit MRC
- -----Frame Relay Frame Delivery Rate Credit MRC

The SLA credit amount will be determined by applying the credits outlined above to the rate elements or total billed revenues specified following.

- (1) Frame Relay Installation Interval Credit this credit will only apply to the installation or upgrade of a Frame Relay Customer Connection. The credit will be equal to the nonrecurring installation charge for the Customer Connection, Broadband Line and Broadband Line Extension. The credit will not apply to expedited installations or to installations where no facility and/or switch exist. If on the due date the customer is not ready or in a case where another of the customer's service providers (including the customer's provider of customer premises equipment, interexchange service, or other local service provider) is not ready, the Company is not liable for missing the due date and SLA credits do not apply.
- (2) Frame Relay Time To Repair Credit this credit will require that the customer report the problem to the BellSouth Repair Center. The repair interval will start with the time entered on the trouble ticket. The Service Level Commitment measurement will be based on each individual trouble ticket for a Customer Connection. Multiple trouble tickets on the same day for the same Customer Connection will only be eligible for one time to repair credit. The credit will be one day of the MRC for the Customer Connection and Broadband Line. Credits on any individual Customer Connection for a calendar month cannot exceed the MRC for the Customer Connection and Broadband Line.

Cancels First Revised Page 3.3 Cancels First Revised Page 3.3 Cancels Original Page 3.3

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

6. Service Level Agreements (Cont'd)

c. (Cont'd)

- (3) Frame Relay Network Availability this credit will apply in the event that the measurement for the customer's network is missed. The credit will then be for each Frame Relay Customer Connection which does not meet the 99.9% availability commitment. The credit will be one day of the MRC of the Frame Relay Customer Connection and the Broadband Line. The unavailability of a Customer Connection will be calculated from the trouble tickets submitted for the Customer Connection. The unavailability of a customer's network will be calculated from the trouble tickets submitted for each Customer Connection within the customer's network. The Service Level Commitment will be calculated by first subtracting the unavailable time from the total available time for a particular calendar month and then dividing it by the total available time. Included in available time are scheduled maintenance windows and time the network was unavailable due to circumstances outside the Company's control.
- (4) Frame Relay Network Transit Delay measurement will be on each Frame Relay PVC (network port to network port). The credit will be equal to the MRC for the DLCI pair making up the PVC.
- (5) Frame Relay Frame Delivery Rate measurement will be on each Frame Relay PVC. The credit will be equal to the MRC for the DLCI pair and 15 days of the MRC for each CIR making up the PVC.

C. Provision of Service

- I. Rates and charges contained in this Section of the Tariff consist of the following elements:
 - a. Customer Connection to Frame Relay Service

Frame Relay Service Customer Connections are available at the following transmission speeds: 56 Kbps, 64 Kbps, Fractional T1, Subrate T1, 1.536 Mbps, MultiLink, Subrate T3 and 44.210 Mbps.

- (1) Fractional T1 Customer Connections are provided at the following specific transmission speeds: 112 Kbps, 128 Kbps, 192 Kbps, 256 Kbps, 320 Kbps, 384 Kbps, 448 Kbps, 512 Kbps, 576 Kbps, 640 Kbps, 704 Kbps, 768 Kbps, 1024 Kbps and 1152 Kbps. A Fractional T1 Customer Connection is provisioned in association with a channelized 1.536 Mbps transport facility and requires the dedication of only a quantity of the DS0 channels equivalent to the Fractional T1 Customer Connection transmission speed.
- (2) Subrate T1 Customer Connections are provided at the following specific transmission speeds: 128 Kbps, 256 Kbps, 384 Kbps, 512 Kbps, 768 Kbps and 1152 Kbps. A Subrate T1 Customer Connection is also provisioned in association with a 1.536 Mbps transport facility but requires the dedication of the full 1.536 Mbps transport facility's bandwidth.
- (3) MultiLink Customer Connections are provided at the following specific transmission speeds: 3 Mbps, 6 Mbps, 9 Mbps and 12 Mbps. A MultiLink Customer Connection is provisioned in association with multiple 1.536 Mbps Broadband Line facilities whose combined bandwidth is equivalent to the transmission speed of the MultiLink Customer Connection. MultiLink Customer Connections will not be available to operate with Customer Network Management or Frame Relay Back Up Capability until such time as technical limitations are resolved.
- (4) Subrate T3 Customer Connections are provided at the following specific transmission speeds: 3 Mbps, 6 Mbps, 9 Mbps, 12 Mbps, 15 Mbps, 18 Mbps, 21 Mbps, 24 Mbps, 27 Mbps, 30 Mbps and 33 Mbps. A Subrate T3 Customer Connection is provisioned in association with a 44.210 Mbps transport facility and requires the dedication of the full 44.210 Mbps transport facility's bandwidth.
- b. Back-Up Capability
- c. Frame Relay Service Features

<u>(O)</u>

Cancels Seventh Revised Page 4Cancels Seventh Revised Page 4Cancels Sixth Revised Page 4

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

- 2. Certain Company Central Offices are designated by the Company as Serving Area Points (SAPs) for the Frame Relay Service Network Serving Area. A customer accessing the Frame Relay Service network, whose Serving Wire Center is designated a SAP, will only require a Broadband Line FPO as described in A40.5 of this Tariff. A Frame Relay Service eustomer, whose Serving Wire Center is not designated a SAP, will require a Broadband Line FPO (also described in A40.5) to gain access to the closest designated SAP.
- 3. The Customer Connection rate element includes the customer's transport from a Serving Area Point to the Frame Relay Service switching equipment and the customer's termination on the Frame Relay Service switching equipment. One Initial DLCI is applicable when DLCIs are ordered at the same time as the installation of the Customer Connection. Only one "Initial" DLCI (either one Initial Standard DLCI or one Initial Priority DLCI) is allowed per Customer Connection. Additional DLCIs (beyond this initial DLCI) ordered with the installation of the Customer Connection and any DLCIs ordered subsequent to the installation of the Customer Connection.
- 4. Service Charges for installing Frame Relay Service are included in the respective nonrecurring charges specified herein. Service Charges from Section A4. of this Tariff are not applicable for installing such services. Charges applicable for customer requested change of service installation due date and cancellation of service installation are as specified in Section A40.9 following.
- 5. Should a customer having locations in more than one Frame Relay Network Serving Area within a LATA, desire to send data traffic between these locations, the customer can interconnect these locations through the following two options:
 - a. Dedicated Connection:
 - The customer subscribes to additional Customer Connections (in each Network Serving Area) which are enabled to support inter-serving area connectivity and Broadband Line Extension FPOs to connect them. These additional rate elements will be used solely to transport this customer's data traffic between affected Frame Relay Network Serving Areas. In addition to the normal DLCI and CIR charges associated with each PVC, additional DLCI and CIR charges apply per PVC between the additional Customer Connection except when these connections have been specifically requested by the customer to be provisioned as customer specific trunks.
 - b. Shared Connection:
 - The Company may establish facilities between Frame Relay Service switching equipment in different Network Serving Areas in the same LATA and may allow customers to share bandwidth on these facilities; where these shared facilities are available to customers, a shared connection is an option. The customer must establish one or more Inter Network Serving Area Links that extend between Frame Relay switches. Each of these links has an associated CIR. One PVC exists between both customer premises through each link. All CIRs on this PVC must have the same value. Charges for the Inter Network Serving Area Link are applied as follows:
 - the Inter Network Serving Area Link Establishment is charged at each end of the link.
 - the Inter-Network Serving Area Link CIR is charged at each end of the link, and
 - -no additional DLCI charges apply for the link (however, normal DLCI and CIR charges apply for the PVC).
- 6. In some cases, the Company and another Incumbent Local Exchange Company that offers Frame Relay technology will jointly connect Frame Relay switching equipment within a LATA to provide customers the ability to interconnect their locations served by the different companies. In order to utilize the Company's portion of this jointly provided shared connection, the customer must subscribe to one end of an Inter Network Serving Area Link and the associated CIR.
- 7. Based upon Frame Relay Forum Implementation Agreement 5 (FRF.5), a Frame Relay end user may send data from a premises location with a Frame Relay User Network Interface (UNI) or a Network to Network Interface (NNI) to another premises with an Asynchronous Transfer Mode (ATM) Service UNI. The Frame Relay data is essentially encapsulated in the ATM Service bit stream and must be retrieved by the end user's CPE as Frame Relay. To enable this feature, the customer must establish one or more Frame Relay/ATM interworking links that extend between the Frame Relay and ATM switches. Each of these links has an associated CIR. One PVC exists between these switches through this link. All CIRs on this PVC must have the same value. The following charges apply for this Frame Relay/ATM Network Interworking feature:
 - the Inter Network Serving Area Link Establishment is charged at each end of this link, and
 - the Inter-Network Serving Area Link CIR is charged at each end of this link, and

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

<u>4</u>Seventh Revised Page 4 TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Seventh Revised Page 4 Cancels Seventh Revised Page 4 Cancels Sixth Revised Page 4

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

- no additional DLCI charges apply for the interworking link (however, normal DLCI and CIR charges apply for - the PVC).

 (\mathbf{O})

TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Seventh Revised Page 4.1 Cancels Seventh Revised Page 4.1 Cancels Sixth Revised Page 4.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

- Based upon Frame Relay Forum Implementation Agreement 8, FRF.8, a Frame Relay end user may send data from a premises location with a Frame Relay User Network Interface (UNI) or a Network to Network Interface (NNI) to another premises with an Asynchronous Transfer Mode (ATM) Service UNI. The Frame Relay data is converted from Frame Relay protocol to ATM protocol in the Frame Relay network. To enable this feature, the customer must establish one or more Frame Relay/ATM interworking links that extend between the Frame Relay and ATM switches. Each of these links has an associated CIR. One PVC exists between these switches through this link. All CIRs on this PVC must have the same value. The following charges apply for this Frame Relay/ATM Service Interworking feature:
 - -the Inter Network Serving Area Link Establishment is charged at each end of this link, and
 - the Inter-Network Serving Area Link CIR is charged at each end of this link, and
 - no additional DLCI charge apply
- To have Back Up Capability as an option, the customer is required to have a Back Up Customer Connection and a separate Broadband Exchange Line (with Broadband Line Extension Service, as appropriate) which are designated specifically for back up purposes. Monthly rates and nonrecurring charges applicable for a Back Up Customer Connection are provided in A40.1.3.B.1.following. Monthly rates and nonrecurring charges for Broadband Line Service are found in A40.5.

The activation of a Back-Up Customer Connection via the rerouting of traffic from a primary Customer Connection to the Back-Up Customer Connection is a manual operation performed by the Company at the direction of the customer. At the direction of the customer, the Company will subsequently then redirect traffic from the Back-Up Customer Connection.

A Primary Customer Connection Back Up Enablement/Change Charge provided in A40.1.3.B.2 is applicable per existing primary Customer Connection which is requested by the customer to be back up enabled. A Primary Customer Connection Back Up Enablement/Change Charge is also applicable for each existing back up enabled primary Customer Connection when the customer requests a reassignment of that primary Customer Connection to a different Back Up Customer Connection.

10. To create a Priority PVC, the customer requests the mapping of Priority Voice or Priority Data DLCIs.

Feature Change Charges apply for requests to convert existing Standard PVCs to Priority PVCs (or vice versa⁴). A Feature Change Charge applies per service order required to perform the work.

At the customer's request, a Priority PVC may be formed between a Frame Relay Service Priority Voice or Priority Data DLCI and an ATM Service non UBR PVC Segment (which would additionally require Frame Relay to ATM Interworking capability)². A Feature Change Charge shall apply for a request involving an existing Frame Relay to ATM Interworking PVC where the associated Standard DLCI is converted to a Priority DLCI (or vice versa); a Frame Relay Service Feature Change Charge applies per service order required to perform the Frame Relay Service work.

- Note 1: Applicable for such requests on Standard PVCs, Intelligent PVCs or MultiCast PVCs.
- Note 2: Not applicable to Priority MultiCast PVCs where Frame Relay toATM Interworking is not technically possible.

<u>4.2</u>Second Revised Page 4.2 TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Second Revised Page 4.2 Cancels Second Revised Page 4.2 Cancels First Revised Page 4.2

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: February 8, 2002

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: February 25, 2002 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

To create a Frame Relay Service Intelligent PVC, the customer requests the mapping of three DLCIs. A Frame Relay
Service Intelligent PVC may be comprised of three Standard DLCIs, three Priority Voice DLCIs or three Priority Data
DLCIs. One Intelligent PVC Charge (a recurring rate) applies per customer specified arrangement of 3 DLCIs and
applies in addition to the appropriate nonrecurring and recurring charges for each of the three DLCIs. The Intelligent
PVC Charge shall be billed to the Customer Connection associated with the DLCI which is the pivot endpoint (as
explained in A40.1.2.A.3.b.) of this PVC.

A request to convert an existing two DLCI PVC into a three DLCI Intelligent PVC (or vice versa) shall be considered as a request to disconnect the existing PVC and as a request for the connection of new DLCIs to form the new PVC. At the eustomer's direction, the DLCI numbers associated with the PVC being disconnected may be reused for the DLCIs associated with the new PVC.

The pivot endpoint of an Intelligent PVC must be provisioned out of a Company provided Frame Relay Service switch. (The primary endpoint and secondary endpoint of an Intelligent PVC may be associated with premises located outside of Company territory. If only Company provided switches are utilized in the total service configuration, no service limitations should occur; however, when a non Company switch is involved in an Intelligent PVC configuration, service limitations may be encountered. BellSouth document TR-73587, which contains technical information on Intelligent PVC rerouting, provides details relating to such limitations.)

Both the primary and secondary endpoints of an Intelligent PVC must be of the same service type; therefore, both endpoints must be Frame Relay Service because the use of any method of Frame Relay to ATM interworking within an Intelligent PVC configuration is not currently technically feasible.

Material previously appearing on this page now appears on page(s) 4.4 of this section.

Cancels First Revised Page 4.3 Cancels First Revised Page 4.3 Cancels Original Page 4.3

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

2. To create a MultiCast PVC, the customer must have established individual PVCs between the Customer Connection of the host site and each Customer Connection of each remote site that is to be a member of that specific MultiCast PVC Group. Standard tariff charges apply for the establishment of the DLCIs, CIR, etc. associated with these member PVCs. While these standard PVCs will be identified as members of a MultiCast PVC Group (and as such receive the unidirectional broadcast transmission from the host site), each individual PVC is still a bi directional PVC capable of being used by the host site and remote site to communicate independently of the MultiCast PVC Group.

The customer shall provide a unique DLCI number to be used to identify each MultiCast PVC Group associated with a host site; this unique DLCI number will be used in establishing the MultiCast PVC and shall be utilized on an ongoing basis to refer to that specific MultiCast PVC when requesting any subsequent change activity to the associated MultiCast PVC Group. A host site can have more than one MultiCast PVC. A remote site can be a part of multiple MultiCast PVC Groups associated with the same or multiple other host site(s).

Each MultiCast PVC Group shall be established as a Standard MultiCast PVC Group or a Priority MultiCast PVC Group. A Standard MultiCast PVC Group shall be comprised of member PVCs established utilizing all Standard DLCIs; while not specifically required, it is strongly recommended that each member PVC in a Standard MultiCast PVC have DLCIs with an associated CIR value of greater than zero. A Priority MultiCast PVC Group shall be comprised of member PVCs established utilizing all Priority (Voice or Data) DLCIs; each member PVC in a Priority MultiCast PVC is required to have Priority (Voice or Data) DLCIs with an associated CIR value of greater than zero.

One MultiCast PVC Group Charge shall apply and be billed to the host site in association with each MultiCast PVC established. The appropriate MultiCast PVC Group Charge varies based 1) upon whether the MultiCast PVC is to be a Standard MultiCast PVC or a Priority MultiCast PVC and 2) upon the transmission speed of the host site Frame Relay Customer Connection (e.g., the Priority 1.536 Mbps MultiCast PVC Group Charge would be applicable for a Priority MultiCast PVC established on a 1.536 Mbps Frame Relay Customer Connection).

A MultiCast PVC Group Modification Charge applies per member PVC that is requested to be modified, added to or deleted from an existing MultiCast PVC Group, subsequent to the initial establishment of the MultiCast PVC. The MultiCast PVC Group Modification Charges are billed to the host Customer Connection.

If a Standard MultiCast PVC is requested to be changed to a Priority MultiCast PVC (or vice versa), Feature Change Charges apply as set forth in A40.1.2.C.9 to change each DLCI in each member PVC from Standard to Priority (or vice versa). In addition to the nonrecurring charge associated with the MultiCast PVC Group Charge billed to the host for this change request, a MultiCast PVC Group Modification Charge shall also apply per member PVC so modified in the MultiCast PVC Group.

The Frame Relay Customer Connection associated with the host site must be of a transmission speed equal to or greater than 1.536 Mbps and may not be a MultiLink Customer Connection.

A service inquiry will be required in order to determine the availability of MultiCast PVC Capability to meet each eustomer request for a MultiCast PVC as a result of the following limitations. MultiCast PVC Capability is possible only where Frame Relay switch facilities are available (that serve the host site) that are currently technically capable of provisioning this feature. There is an additional limitation on the total number of MultiCast Groups which can be established per Frame Relay switch; consequently, capacity may not exist to fulfill a customer's request. Additionally, there is a per MultiCast PVC Group limit on the number of members possible which varies based upon the packet size transmitted by the host site; as the standard packet size increases, the number of members that may be in the MultiCast PVC Group decreases.

B	ELLS	SOUTH	ł	

<u>4.4</u>Second Revised Page 4.4

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC.

Cancels Second Revised Page 4.4Cancels Second Revised Page 4.4Cancels First Revised Page 4.4

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: January 19, 2011

EFFECTIVE: September 19, 2011 EFFECTIVE: September 19, 2011 EFFECTIVE: January 20, 2011

BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.2 Regulations (Cont'd)

D. Contract Plans

- I. Contract plans are available under conditions specified in the Fast Packet Services Payment Plan in A40.10 with contract periods described as follows:
 - a. Term Payment Plan A payment periods may be selected from 12 to 36 months.⁴

b. Term Payment Plan B - payment periods may be selected from 37 to 60 months.²

2. Provided the applicable conditions set forth in A40.10.2 and A40.10.4.B. are satisfied, a Termination Liability Charge will not be applicable at the date of termination, if prior to fulfilling the period of the contract plan the customer requests a change from a Frame Relay Service to the same speed, higher speed or next lower speed of any service offered by the Company under a contract plan. In such cases, the full nonrecurring charges apply for the installation of the new service requested, except as specified otherwise in this or the new service's applicable service publication(s).

For purposes of implementing this regulation on Termination Liability Charges for changes from one speed of Frame Relay Service (under contract) to another speed of Frame Relay Service (under contract), the following hierarchy of Frame Relay Customer Connection speeds shall exist (shown in order of lowest to highest):

- 64 Kbps
- Fractional T1
- ----Subrate T1

- 3. The nonrecurring charge for the installation of a Frame Relay Customer Connection, any associated Frame Relay Service Feature, and/or any associated Broadband Line Service (A40.5) is not applicable for a customer requested change to convert an existing customer with BellSouth AccuPulse service or BellSouth PulseLink service to Frame Relay Service that is requested under a contract plan.

Note 1: As of January 20, 2011, Term Payment Plan A payment periods greater than 24 months are no longer available for new or renewing subscribers.

Note 2: As of January 20, 2011, Term Payment Plan B payment periods are no longer available for new or renewing subscribers.

Cancels Eleventh Revised Page 5Cancels Eleventh Revised Page 5Cancels Tenth Revised Page 5

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: April 14, 2011

EFFECTIVE: September 19, 2011 EFFECTIVE: September 19, 2011 EFFECTIVE: April 15, 2011 BY: Marshall M. Criser III, President -FL

Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.3 Rates and Charges

A. Customer Connection to Frame Relay Service

A minimum of one Customer Connection is required per customer to subscribe to Frame Relay Service.

		Month	A ⁴ —	₿ ⁵—	
	Nonrecurring	To -	12 to 36	37 to 60	
	Charge	Month	Months	Months	USOC
(a) at 56 Kbps¹	\$400.00	\$110.00	\$95.00	\$67.00	FRH56
$\frac{1}{100}$ at 64 Kbps ⁴	4 00.00	110.00	95.00	67.00	FRH64
(c) at Fractional T1					
	4 60.00	166.00	144.00	102.00	FRH11
<u> </u>	4 60.00	166.00	144.00	102.00	FRH12
<u> </u>	4 60.00	263.00	228.00	173.00	FRH19
256 Kbps^2	4 60.00	331.00	286.00	203.00	FRH25
	4 60.00	414.00	358.00	254.00	FRH32
	525.00	566.00	509.00	440.00	FRH38
	525.00	566.00	509.00	440.00	FRH44
512 Kbps^2	525.00	566.00	509.00	440.00	FRH51
576 Kbps^2	525.00	566.00	509.00	440.00	FRH57
	525.00	566.00	509.00	440.00	FRH40
	525.00	566.00	509.00	440.00	FRH70
	525.00	566.00	509.00	440.00	FRH76
	525.00	566.00	509.00	440.00	FRH24
<u>—————————————————————————————————————</u>	525.00	566.00	509.00	440.00	FRH52
(d) at Subrate T1					
- 128 Kbps ³	525.00	235.00	214.00	166.00	FRHS1
<u></u>	525.00	276.00	256.00	208.00	FRHS2
<u>—————————————————————————————————————</u>	525.00	359.00	338.00	282.00	FRHS3
512 Kbps ³	525.00	414.00	386.00	323.00	FRHS5
	525.00	4 62.00	434.00	365.00	FRHS7
<u>- 1152 Kbps</u> ³	525.00	524.00	476.00	414.00	FRHSE
(e) at 1.536 Mbps	525.00	566.00	509.00	44 0.00	FRH15

The Customer Connections at 56 Kbps and 64 Kbps are primarily utilized respectively with 56 Note 1. Kbps and 64 Kbps transport facilities. They may alternately be utilized with a 1.536 Mbps transport facility and provisioned as a Fractional T1 service (as discussed in Note 2 below).

Fractional T1 Customer Connection: This Customer Connection is provisioned in association Note 2: with channelized 1.536 Mbps transport facilities. If requested with a 1.536 Mbps Broadband Line Service, only other Fast Packet Transport Services may utilize the remaining bandwidth of the transport; if provided in association with spare capacity on a -channelized Private Line Service (e.g., channelized MegaLink Service), any other services may utilize the remaining bandwidth as allowed by the regulations governing the transport service.

- Subrate T1 Customer Connection: This Customer Connection is provisioned as Subrate T1 Note 3: service and may be referred to for marketing purposes as Flexible T1 Frame Relay Service. Each such Customer Connection requires the dedication to it of a full 1.536 Mbps of transport bandwidth (e.g., a full 1.536 Mbps Broadband Line Service); no other service(s) may utilize the remaining bandwidth.
- As of January 20, 2011, Term Payment Plan A payment periods greater than 24 months are no Note 4: longer available for new or renewing subscribers.
- As of January 20, 2011, Term Payment Plan B payment periods are no longer available for Note 5: new or renewing subscribe

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

 (\mathbf{O})

5 Eleventh Revised Page 5

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC.

Cancels Eleventh Revised Page 5Cancels Eleventh Revised Page 5Cancels Tenth Revised Page 5

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: April 14, 2011

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: April 15, 2011 BY: Marshall M. Criser III, President -FL

Miami, Florida

 (\mathbf{O})

5.0.0.1Fourth Revised Page 5.0.0.1 TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Fourth Revised Page 5.0.0.1 Cancels Fourth Revised Page 5.0.0.1 Cancels Third Revised Page 5.0.0.1 **FLORIDA**

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: January 19, 2011

EFFECTIVE: September 19, 2011 EFFECTIVE: September 19, 2011 EFFECTIVE: January 20, 2011

BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.3 Rates and Charges (Cont'd)

A. Customer Connection to Frame Relay Service (Cont'd)

A minimum of one Customer Connection is required per customer to subscribe to Frame Relay Service. (Cont'd)

		Month	A ⁴	₿ ⁵—	
	Nonrecurring	To-	12 to 36	37 to 60	
		Month	Months	Months	USOC-
(f) at MultiLink					
<u> </u>	\$_500.00	\$ 897.00	\$ 828.00	\$ 690.00	FRHM3
<u> </u>	600.00	1121.00	1035.00	863.00	FRHM6
<u> </u>	800.00	1346.00	1242.00	1035.00	FRHM9
<u>— 12 Mbps ^{1,2}</u>	1000.00	1570.00	1449.00	1208.00	FRHM2
(g) at Subrate T3					
<u> </u>	2000.00	-1127.00	- 1035.00	857.00	FRHO3
<u>6 Mbps³</u>	2000.00	1213.00	1104.00	972.00	FRHO6
<u> </u>	2000.00	1443.00	1313.00	1156.00	FRHO9
<u> </u>	2000.00	1673.00	1523.00	1340.00	FRH2M
<u> </u>	2000.00	1903.00	1732.00	1524.00	FRH5M
<u>—————————————————————————————————————</u>	2000.00	2133.00	1941.00	1708.00	FRH18
<u></u>	2000.00	2363.00	2151.00	1893.00	FRH21
-24 Mbps ³	2000.00	2593.00	2360.00	2077.00	FRH4M
-27 Mbps^3	2000.00	2823.00	2569.00	2261.00	FRH27
<u></u>	2000.00	3053.00	2778.00	2445.00	FRH30
<u>—— 33 Mbps³</u>	2000.00	3283.00	2988.00	2629.00	FRH33
(h) at 44.210 Mbps	1225.00	4 025.00	3738.00	3450.00	FRH10

- Note 1: A MultiLink Customer Connection is provisioned using multiple 1.536 Mbps Broadband Lines whose combined bandwidth is equivalent to the transmission speed of the MultiLink Customer Connection.
- The MultiLink Customer Connection Speed Change Charge applies in lieu of the nonrecurring Note 2: charge shown above when an existing MultiLink Customer Connection is requested to be changed to another speed MultiLink Customer Connection. Additional charges from A40.5 also apply for additional 1.536 Mbps Broadband Lines required when the request is for a change to a higher MultiLink speed.
- Note 3: A Subrate T3 Customer Connection (defined as a Customer Connection from 3 to 33 Mbps) is provisioned utilizing 44.210 Mbps of transport bandwidth (e.g., a 44.210 Mbps Broadband Line Service); no other service(s) may utilize the remaining bandwidth.
- Note 4: As of January 20, 2011, Term Payment Plan A payment periods greater than 24 months are no longer available for new or renewing subscribers.
- Note 5: As of January 20, 2011, Term Payment Plan B payment periods are no longer available for new or renewing subscribers.

5.0.0.1.1 Original Page 5.0.0.1.1 TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Original Page 5.0.0.1.1

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.3 Rates and Charges (Cont'd)

A. Customer Connection to Frame Relay Service (Cont'd)

2. Subrate T1 Speed Change Charge

This nonrecurring charge applies per Subrate T1 Customer Connection (defined as a Customer Connection provisioned as a Subrate T1 service with restricted bandwidth of 128 Kbps, 256 Kbps, 384 Kbps, 512 Kbps, 768 Kbps or 1152 Kbps) requested to be changed to either 1) another speed of Subrate T1 Customer Connection or 2) to a 1.536 Mbps Customer Connection. Accordingly, the Subrate T1 Speed Change Charge applies in lieu of the Nonrecurring Charge specified in A40.1.3.A.1 for the new speed Customer Connection.

	Nonrecurring		
	Charge	USOC-	
(a) Per Subrate T1 Customer Connection Speed Change Request	\$90.00	FRHT1	

3. Fractional T1 to Subrate T1 Change Charge

This nonrecurring charge applies per Fractional T1 Customer Connection requested to be changed to a Subrate T1 Customer Connection. Accordingly, the Fractional T1 to Subrate T1 Change Charge applies in lieu of the Nonrecurring Charge specified in A40.1.3.A.1 for the new Subrate T1 Customer Connection.

	Nonrecurring	
	Charge	USOC
(a) Per Fractional T1 to Subrate T1 Customer Connection	\$180.00	FRHFS
Change Request		

4. MultiLink Speed Change Charge

This nonrecurring charge applies per MultiLink Customer Connection requested to be changed to another speed MultiLink Customer Connection. Accordingly, the MultiLink Speed Change Charge applies in lieu of the Nonrecurring Charge specified in A40.1.3.A.1 for the new speed MultiLink Customer Connection. Additional charges from A40.5 also apply for additional 1.536 Mbps Broadband Lines required when the request is for a change to a higher MultiLink speed.

	Nonrecurring	
	Charge	USOC
(a) Per MultiLink Customer Connection Speed Change Request	\$300.00	FRHMC

5. Subrate T3 Speed Change Charge

This nonrecurring charge applies per Subrate T3 Customer Connection (defined as a Customer Connection from 3 Mbps to 33 Mbps) requested to be changed to either 1) another speed Subrate T3 Customer Connection or 2) to a 44.210 Mbps Customer Connection. Accordingly, the Subrate T3 Speed Change Charge applies in lieu of the Nonrecurring Charge specified in A40.1.3.A.1 for the new speed Customer Connection.

	Nonrecurring	
	Charge	USOC-
(a) Per Subrate T3 Customer Connection Speed Change Request	\$500.00	FRHT3

Material appearing on this page previously appeared on page(s) 5.0.0.1 of this section.

EFFECTIVE: September 19, 2011

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.3 Rates and Charges (Cont'd)

B. Back-Up Capability

On an optional basis a customer may choose to have Back-Up Capability for his Frame Relay Service.

1. Frame Relay Back-Up Customer Connection

A minimum of one Frame Relay Back-Up Customer Connection is required in order to have Back-Up Capability. (Provisioning Basic Class of Service: FPLBN)

			Month	A^{1}	B ²	
		Nonrecurring	—— To	12 to 36	37 to 60	
		Charge	Month	Months	Months	USO-C
	(a) at 56 Kbps	\$400.00	\$46.00	\$ 40.00	\$29.00	FRH56
	(b) at 64 Kbps	400.00	4 6.00	40.00	29.00	FRH64
	(c) at 1.536 Mbps	525.00	377.00	339.00	293.00	FRH15
	(d) at 44.210 Mbps	1,225.00	3,220.00	2,990.00	2,760.00	FRH10
2	Primary Customer Connection Back-Up Enablemen	nt/Change Charge				
			No	nrecurring		
				Charge		USOC-
	(a) Per Existing Primary Customer Con	nection		\$125.00		FRHBE
	Note 1: As of January 20, 2011.	Ferm Payment Plan /	A payment pe	riods greater t	han 24 months	are no
	longer available for new (or renewing subscribe	TS.	8		

Note 2: As of January 20, 2011, Term Payment Plan B payment periods are no longer available for new or renewing subscribers.

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

<u>(O)</u>

5.0.1 Fifth Revised Page 5.0.1

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC.

Cancels Fifth Revised Page 5.0.1 Cancels Fifth Revised Page 5.0.1 Cancels Fourth Revised Page 5.0.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: April 24, 2009

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: April 25, 2009 BY: Marshall M. Criser III, President -FL

Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.3 Rates and Charges (Cont'd)

C. Frame Relay Service Feature Charges

1. DLCI

2____

a. Standard DLCI

(1) Per Customer Connection

-1.537 thru 4 Mbps

4.1 thru 10 Mbps

(o) 34.1 thru 44.210 Mbps

(n) 16.1 thru 34 Mbps

 (\mathbf{k})

(1)

(m)

Intelligent PVC Charge

for the DLCIs.

(1) Per Intelligent PVC (a) Each

	Nonrecurring	s Monthly	USOC
	Charge	Rate	
(a) Initial Standard DLCI ¹	\$	_\$	XAFD1
(b) Each Additional Standard DLCI	25.00	2.00	FRVDX
b. Priority Voice DLCI			
(1) Per Customer Connection			
(a) Initial Priority Voice DLCI ^{1,2}	-	5.00	FRVPU
(b) Each Additional Priority Voice DLCI ²	40.00	5.00	FRVPV
e. Priority Data DLCI			
(1) Per Customer Connection			
(a) Initial Priority Data DLCI ^{1,2}	-	5.00	FRVPC
(b) Each Additional Priority Data DLCI ²	40.00	5.00	FRVPD
Committed Information Rate (CIR)			
a. The chosen CIR cannot exceed the minimum transmission speed of	the link at either end o	f the PVC.	
(1)—Per DLCI			
(a) 0 Kbps	-	-	FRVRO
(b) <u>1 thru 32 Kbps</u>	-	9.00	FRVR3
(c) <u>33 thru 56 Kbps</u>	-	15.00	FRVR5
(d) 57 thru 64 Kbps	-	16.00	FRVR6
(e) 65 thru 128 Kbps	-	22.00	FRVR1
(f) 129 thru 256 Kbps	-	33.00	FRVR2
(g) = -257 thru 384 Kbps	-	47.00	FRVR4
$\frac{(b)}{(b)} = \frac{385 \text{ thru } 512 \text{ Khps}}{385 \text{ thru } 512 \text{ Khps}}$	-	59.00	FRVR8
$\frac{(i)}{(i)} = 513 \text{ thru } 768 \text{ Kbps}$	-	107.00	FRVR7
(i) 769 Kbps thru 1.536 Mbps	-	161.00	FRVR9

Note 1: One "Initial" DLCI is applicable when DLCIs are ordered at the same time as the installation of the Customer Connection. Only one Initial DLCI (either one Initial Standard DLCI or one Initial Priority DLCI) is allowed per Customer Connection. All other DLCIs are considered Additional DLCIs.

One Intelligent PVC Charge applies per customer specified arrangement of 3 DLCIs and is in addition to the charges

230.00

426.00

748.00

1,955.00

2,530.00

\$2.00

FRVRJ

FRVRK

FRVRL

FRVRM

FRVRN

FRV1P

Note 2: A Priority DLCI must have CIR with a value greater than 0.

(O)
5.0.1 Fifth Revised Page 5.0.1

TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Fifth Revised Page 5.0.1 Cancels Fifth Revised Page 5.0.1 Cancels Fourth Revised Page 5.0.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: April 24, 2009

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: April 25, 2009 BY: Marshall M. Criser III, President -FL

Miami, Florida

 (\mathbf{O})

TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Third Revised Page 5.0.2Cancels Third Revised Page 5.0.2Cancels Second Revised Page 5.0.2

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: January 19, 2011

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: January 20, 2011 BY: Marshall M. Criser III, President -FL

Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.3 Rates and Charges (Cont'd)

C. Frame Relay Service Feature Charges (Cont'd)

4. MultiCast PVC Charges

a. MultiCast PVC Group Charge One MultiCast PVC Group Charge applies per MultiCast PVC on a host site Frame Relay Customer Connection. This charge is in addition to the appropriate charges (DLCI, CIR, etc.) for the individual host to remote PVCs which are members of the MultiCast PVC Group.

(1) Per Standard MultiCast PVC Group (established from multiple host to remote PVCs which utilize all Standard DLCIs) on a host Frame Relay Customer Connection of the following transmission speed:

		Month	A^{1}	₿ ²	
	Nonrecurring	To	12 to 36	37 to 60	
	Charge	Month	Months	Months	USOC
(a) 1.536 Mbps	\$_100.00	\$_242.00	\$ 225.00	\$ 216.00	FRVW1
(b) 3 Mbps	100.00	334.00	316.00	310.00	FRVW3
(c) 6 Mbps	100.00	391.00	362.00	340.00	FRVW6
(d) 9 Mbps	100.00	44 3.00	4 11.00	386.00	FRVW9
(e) <u>12 Mbps</u>	100.00	4 95.00	4 59.00	4 32.00	FRVW2
(f) 15 Mbps	100.00	546.00	507.00	478.00	FRVW5
(g) 18 Mbps	100.00	598.00	555.00	524.00	FRVW8
$\frac{(b)}{21}$ Mbps	100.00	650.00	604.00	570.00	FRVWT
(i) = 24 Mbps	100.00	702.00	652.00	616.00	FRVW4
(i) <u>27 Mbps</u>	100.00	753.00	700.00	662.00	FRVW7
$\frac{(k)}{30}$ Mbps	100.00	805.00	749.00	708.00	FRVWO
(1) 33 Mbps	100.00	857.00	797.00	754.00	FRVWM
(m) 44.210 Mbps	100.00	966.00	941.00	917.00	FRVWN

(2) Per Priority MultiCast PVC Group (established from multiple host to remote PVCs which utilize all Priority DLCIs) on a host Frame Relay Customer Connection of the following transmission speed:

(a) 1.536 Mbps	\$ 100.00	\$ 259.00	\$ 243.00	\$ 233.00	FRVN1
b) 3 Mbps	100.00	352.00	334.00	327.00	FRVN3
(c) 6 Mbps	100.00	4 08.00	380.00	357.00	FRVN6
(d) 9 Mbps	100.00	460.00	4 <u>28.00</u>	4 03.00	FRVN9
(e) 12 Mbps	100.00	512.00	4 76.00	449.00	FRVN2
f) 15 Mbps	100.00	564.00	524.00	4 95.00	FRVN5
(g) 18 Mbps	100.00	615.00	573.00	541.00	FRVN8
$\frac{1}{h}$ 21 Mbps	100.00	667.00	621.00	587.00	FRVNT
i) 24 Mbps	100.00	719.00	669.00	633.00	FRVN4
i) 27 Mbps	100.00	771.00	718.00	679.00	FRVN7
$\frac{1}{k}$ 30 Mbps	100.00	822.00	766.00	725.00	FRVNO
1) 33 Mbps	100.00	874.00	814.00	771.00	FRVNM
(m) 44.210 Mbps	100.00	983.00	959.00	934.00	FRVNN

b. MultiCast PVC Group Modification Charge The MultiCast PVC Group Modification Charge is a nonrecurring charge which applies per member PVC requested to be modified, added to or deleted from an existing MultiCast PVC Group.

(1) Per Customer Request

	Nonrecurring	
	Charge	USOC
(a) Per Host to Remote PVC	\$ 40.00	FRVMC

Note 1: As of January 20, 2011, Term Payment Plan A payment periods greater than 24 months are no longer available for new or renewing subscribers.

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

5.0.2 Third Revised Page 5.0.2

TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Third Revised Page 5.0.2 Cancels Third Revised Page 5.0.2 Cancels Second Revised Page 5.0.2

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: January 19, 2011

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: January 20, 2011

BY: Marshall M. Criser III, President -FL

Miami, Florida

Note 2: As of January 20, 2011, Term Payment Plan B payment periods are no longer available for new or renewing subscribers.

5.1Fourth Revised Page 5.1

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC.

Cancels Fourth Revised Page 5.1 Cancels Fourth Revised Page 5.1 Cancels Third Revised Page 5.1

FLORIDA

BELLSOUTH

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: February 8, 2002

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: February 25, 2002
BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL
Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

A40.1.3 Rates and Charges (Cont'd)

C. Frame Relay Service Feature Charges (Cont'd)

5. Inter-Network Serving Area Link

a. Per End of Link

(1) Link

		Nonrecurring	Monthly	
		Charge	Rate	USOC-
	(a) Per establishment	\$10.00	-	FRVLE
(2)) CIR			
	(a) 0 thru 32 Kbps	-	10.00	FRVL3
	(b) 33 thru 56 Kbps	-	15.00	FRVL5
	(c) 57 thru 64 Kbps	-	16.00	FRVL6
	(d) 65 thru 128 Kbps	-	20.00	FRVL1
	(e) 129 thru 256 Kbps	-	35.00	FRVL2
	(f) 257 thru 384 Kbps	-	55.00	FRVL4
	(g) 385 thru 512 Kbps	-	70.00	FRVL8
	(h) 513 thru 768 Kbps	-	150.00	FRVL7
	(i) 769 Kbps thru 1.536 Mbps	-	225.00	FRVL9
	(i) 1.537 thru 4 Mbps	-	500.00	FRVLJ
	(k) 4.1 thru 10 Mbps	-	650.00	FRVLK
	(1) 10.1 thru 16 Mbps	-	800.00	FRVLL
	(m) 16.1 thru 34 Mbps	-	2,100.00	FRVLM
	(n) = 34.1 thru 44.210 Mbps	-	2,500.00	FRVLN
6. Feature	Change Charge			
	(a) Per occurrence, per feature	25.00	-	FRVFX

Material appearing on this page previously appeared on page(s) 5.0.1 of this section.

(O)

20 Third Revised Page 20 TELECOMMUNICATIONS TELECOMMUNICATIONS, INC.

Cancels Third Revised Page 20Cancels Third Revised Page 20Cancels Second Revised Page 20

FLORIDA

BELLSOUTH

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.7 Reserved for Future Use

A40.8 Asynchronous Transfer Mode (ATM) Service (Obsoleted, See Section A140)

A40.8.1 General

- A. Asynchronous Transfer Mode (ATM) Service (herein referred to as ATM Service) is a data transport service based on ATM cell based switching technology.
- B. ATM Service provides flexible connectivity using virtual connections implemented over digital facilities operating at transmission speeds of 1.536 Mbps, 44.210 Mbps, 149.760 Mbps or 599.040 Mbps. This service provides for the switching of symmetrical duplex transmissions of fixed length ATM cells, utilizing virtual circuits. To transfer information between at least two sites a virtual circuit must be set up across the ATM network. ATM service supports the establishment of both permanent virtual circuits (PVCs) and switched virtual circuits (SVCs).

Information transmitted by ATM Service is segmented into fixed length cells, transported to and re-assembled at the specified destination. An ATM cell has a fixed length of 53 bytes. An ATM cell is broken into two main sections, the header and the payload. The payload is the portion, which carries the actual information. The header is used for network functions such as addressing and error correction.

- C. Network interface specifications for ATM Service are contained in the following documents:
 - ATM Forum document, "ATM User Network Interface Specification" (Versions 3.0 and 3.1 and UNI Version 4.0). This document may be obtained from:

ATM Forum 2570 West El Camino Real Suite 304 Mountain View, CA 94040

BellSouth Technical Reference 73585, "Asynchronous Transfer Mode (ATM) Network Interface and Performance
 Specifications". This document may be obtained from:

BellSouth Telecommunications, Inc. Regional Documentation Coordinator 20th floor 600 North 19th Street Birmingham, AL 35203

D. ATM Service, as provided for in this Tariff section, is offered for intraLATA use only.

- E. The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this and other Tariffs of the Company.
- F. The rates and charges set forth for ATM Service provide for the furnishing of service where suitable facilities are available.
- G. ATM Service is only available when provided in conjunction with Broadband Line Service. Specifications for Broadband Line Service are contained in A40.5 of this Tariff.
- H. ATM Service PVCs may be interconnected with Frame Relay Service subject to the provisions set forth in A40.1.

<u>(O)</u>

20.1 Fourth Revised Page 20.1 TELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

COMMUNICATIONS I BLECOMMUNICATIONS I BLECOMMUNICATIONS, INC.

Cancels Fourth Revised Page 20.1 Cancels Fourth Revised Page 20.1 Cancels Third Revised Page 20.1

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.2 Regulations

A. Explanation of Terms

1. Customer Connection to ATM Service

The Customer Connection provides the customer with the standard interface to the ATM Service network. This interface receives the data cells from the customer's network or device and verifies that the addressing and traffic parameters are valid before relaying the cell to the specified destination. Included in the Customer Connection rate element are the eustomer's termination on the ATM Service switching equipment and the transport from the Serving Area Point to the switching equipment (unless specified otherwise herein). These interfaces connect the ATM Service network with digital facilities operating at transmission speeds of 1.536 Mbps, 44.210 Mbps, 149.760 Mbps or 599.040 Mbps. Unless specifically stated otherwise herein, a customer may have both PVCs and SVCs on the same Customer Connection. Unique ATM Customer Connections operating at transmission speeds of 44.210 Mbps and 149.760 Mbps are available to provide Back Up Capability as described in A40.8.2.A.22 following.

A Circuit Emulation Customer Connection is available for customer requirements to interwork existing DS1 level services utilizing time division multiplexing (TDM) across public ATM networks.

Customers with ATM Service requirements between 1.536 Mbps and 44.210 Mbps at a single premises may utilize either ATM Customer Connections using Inverse Multiplexing for ATM (IMA) or ATM Subrate T3 Customer Connections to economically serve that location. IMA Customer Connections provide the customer ATM Customer Connections at speeds of 3.072 Mbps, 4.608 Mbps, 6.144 Mbps, 7.680 Mbps, 9.216 Mbps, 10.752 Mbps, and 12.288 Mbps. ATM Subrate T3 Service provides ATM Customer Connections at speeds of 18 Mbps, 24 Mbps, 30 Mbps, and 36 Mbps.

2. ATM Service Network Serving Area

Certain Company Central Offices are designated by the Company as Serving Area Points for the ATM Service Network Serving Area.

A customer accessing the ATM Service network, whose Serving Wire Center is designated a Serving Area Point, requires a Broadband Line Fast Packet Option (FPO) as described in A40.5 of this Tariff. An ATM Service customer, whose Serving Wire Center is not designated a Serving Area Point, will use a Broadband Line FPO to the Serving Wire Center, as well as, the Broadband Line Extension FPO (also described in A40.5) to gain access to the closest designated Serving Area Point.

3. Permanent Virtual Circuit (PVC)

A PVC is a software defined data path transporting data within the ATM Service network between two ATM Customer Connections. This data path, once defined in the network software, does not have to be established again. PVCs are end-to-end, bi-directional channels that are established via the service provisioning process.

4. PVC Service Categories

PVC service categories are established to support the service requirements of various categories of customer applications for ATM PVCs. Four PVC service categories are available. The customer must specify the desired service category for each PVC that is ordered. ATM Service supports the following types of PVC service categories:

- a. Constant Bit Rate (CBR): CBR allows for applications where a PVC requires special network timing requirements (i.e., strict cell loss, cell delay and cell delay variation performance). For example, a CBR PVC would be utilized for applications requiring circuit emulation (i.e., a continuously operating logical channel) over ATM Service at transmission speeds comparable to DS1 and DS3. Such applications would include private line like service or voice type service where delays in transmission cannot be tolerated. The customer specifies the bandwidth required for each CBR PVC when it is ordered.
- b. Variable Bit Rate Real Time (VBR RT): VBR RT allows for applications where a PVC requires low cell delay variation. For example, VBR RT would be utilized for applications such as variable bit rate video compression and packet voice and video, which are somewhat tolerant of delay. The customer specifies the bandwidth required for each VBR RT PVC when it is ordered.
- c. Variable Bit Rate Non Real Time (VBR NRT): VBR NRT allows for a PVC that can tolerate larger cell delay variations than VBR RT. For example, VBR NRT would be utilized for applications such as data file transfers. The customer specifies the bandwidth required for each VBR NRT PVC when it is ordered.

<u>(0)</u>

Cancels Fourth Revised Page 20.1Cancels Fourth Revised Page 20.1Cancels Third Revised Page 20.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

c. d.Unspecified Bit Rate (UBR): UBR allows for a PVC where the user does not require one of the PVC service categories described in a. through c. preceding. For example, UBR would be utilized where the customer seeks a low cost method of transporting bursty data for non critical applications that can tolerate delay variations. The Company will attempt to deliver all ATM cells received via UBR PVCs; however, network congestion may result in loss of ATM cells.

Cancels First Revised Page 20.2 Cancels First Revised Page 20.2 Cancels Original Page 20.2

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: September 24, 1999

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: October 11, 1999
BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL
Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.2 Regulations (Cont'd)

A. Explanation of Terms (Cont'd)

5. PVC Traffic Parameters

In accordance with the specifications for ATM Service set forth in the technical publications referenced in A40.8.1.C preceding, each non-UBR type PVC has a set of traffic parameters to describe the characteristics of the information being transmitted. Fixed values for these traffic parameters are derived from the PVC bandwidth specified by the customer for each PVC. These parameters are:

a. Peak Cell Rate (PCR) - The PCR, in cells per second, is an upper bound on the source traffic that can be submitted on an ATM Customer Connection. PCR is a traffic parameter considered for CBR and VBR service categories.

PCR is the only traffic parameter considered for a CBR PVC; the equivalent bandwidth per CBR PVC equals the PCR, in cells per second, times 0.000424.

PCR is one of three traffic parameters considered for a VBR PVC. For a VBR RT PVC, PCR is 200 percent of the SCR described following. For a VBR NRT PVC, unless specified otherwise by the customer, PCR is 400 percent of the SCR described following.

b. Sustainable Cell Rate (SCR) The SCR, in cells per second, is an upper bound on the conforming average cell rate of an ATM Customer Connection over time.

SCR is a traffic parameter considered only for a VBR PVC. The equivalent bandwidth per VBR RT PVC is equal to the SCR, in cells per second, times 0.000512. The bandwidth per VBR NRT PVC is equal to the SCR, in cells/second, times 0.000804.

c. Maximum Burst Size (MBS) – MBS is the maximum number of consecutive cells that may be transmitted at the peak cell rate.

MBS is a traffic parameter considered only for a VBR PVC. For a VBR RT PVC, the MBS is fixed at 32 cells. For a VBR NRT PVC, the MBS is fixed at 100 cells.

6. PVC Segment

For ATM Service, the PVC segment defines the logical path between a customer's premises and the ATM Customer Connection on the ATM switch. An ATM PVC segment must be provisioned by the Company via service order activity and remain in place until requested to be removed by the customer. For ATM Service, two PVC segments are mapped together through the ATM switch to create a PVC representing a virtual channel through the ATM network. To allow one customer premises to communicate with another customer premises, two ATM Customer Connections and two PVC segments are required.

(M)

(T)

(<u>()</u> (1)

Cancels First Revised Page 20.2.1 Cancels First Revised Page 20.2.1 Cancels Original Page 20.2.1

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

(Obsoleted, See Section A140)

A40.8.2 Regulations (Cont'd)

Page 20.2.1First Revised Page 20.2.1

BELLSOUTH

FLORIDA

A. Explanation of Terms (Cont'd)

A PVC Segment Bandwidth Charge is applicable for each CBR or VBR segment. Such non UBR PVC equivalent bandwidth represents the ATM Service network resources based on the PVC's traffic parameters. The PVC Segment Bandwidth Charge is derived by multiplying the PVC segment's equivalent bandwidth (calculation following) by the appropriate PVC Segment Bandwidth Charge (expressed in megabits or increments of 64 Kbps as described following). The following calculations are applicable for determining non-UBR PVC segment bandwidth based upon the PVC service category.

- (a) CBR equivalent bandwidth is equal to the PCR (cells per second) times 0.000424. PCR is equal to increments of 64 (T) Kbps of equivalent bandwidth times 150.943, or megabits of equivalent bandwidth times 2358.491.
- (b) VBR RT equivalent bandwidth is equal to the SCR (cells per second) times 0.000512. For VBR RT service, the PCR is fixed at 200 percent of the SCR and the MBS is fixed at 32 cells. SCR is equal to increments of 64 Kbps of equivalent bandwidth times 125.000, or megabits of equivalent bandwidth times 1953.125.
- (c) VBR NRT equivalent bandwidth is equal to the SCR (cells per second) times 0.000804. For VBR NRT service, the
 PCR is fixed at 400 percent of the SCR (unless specified otherwise by the customer)¹ and the MBS is fixed at 100
 cells. SCR is equal to increments of 64 Kbps of equivalent bandwidth times 79.602, or megabits of equivalent bandwidth times 1243.781.

Where the result from the PVC segment equivalent bandwidth calculation is greater than 1.536 Mbps, the value is expressed in units of megabits and (if a fraction of a megabit) is rounded up to the next whole megabit. This bandwidth is multiplied by the Per Megabit Bandwidth Charge.

Note 1: VBR-NRT equivalent bandwidth, where the PCR to SCR ratio is specified by the customer, is determined using the formula in Section 1.3.4 of BellSouth Technical Reference 73585.

<u>(O)</u>

^{7.} PVC Segment Bandwidth

20.3Second Revised Page 20.3 TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Second Revised Page 20.3 Cancels Second Revised Page 20.3 Cancels First Revised Page 20.3

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: November 30, 2001

EFFECTIVE: September 19, 2011 EFFECTIVE: September 19, 2011 EFFECTIVE: December 17, 2001 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.2 Regulations (Cont'd)

A. Explanation of Terms (Cont'd)

PVC Segment Bandwidth (Cont'd)

Where the result from the PVC segment equivalent bandwidth calculation is less than or equal to 1.536 Mbps, that number should be divided by .064 Mbps to arrive at a quantity of 64 Kbps increments. If the resulting number is not a whole number, it is rounded up to the next whole number and represents the number of 64 Kbps increments that should be utilized in the derivation of the PVC Segment Bandwidth Charge. This bandwidth is multiplied by the Per Increment of 64 Kbps Bandwidth Charge.

The following table illustrates the PVC segment equivalent bandwidth calculation for each non UBR type PVC with one (1) megabit of bandwidth.

			Traffic Paramete	r
ATM PVC		Peak	Sustainable	Maximum
Service-	Equivalent	Cell	Cell	Burst
Category	Bandwidth	Rate ¹	Rate ¹	Size ²
CBR	1 Megabit	2,358	N/A	N/A
VBR-RT	1 Megabit	3,906	1,953	32
VBR-NRT	1 Megabit	4,975	1,244	100

Switched Virtual Circuit (SVC)

An SVC is a software defined data path within the ATM Service Network between two ATM Customer Connections that is not permanent, but established on demand by the customer when information transfer is needed and then taken down after the transmission is finished by the customer.

SVC Service Categories

SVC service categories are established to support the service requirements of various categories of customer applications for ATM SVCs. The same four service categories are available for SVCs as PVCs (i.e. CBR, VBR-RT, VBR-NRT and UBR). These service categories are described in A40.8.2.A.4 preceding.

10. SVC Traffic Parameters

In accordance with the specifications for ATM Service set forth in the technical publications referenced in A40.8.1.C preceding, each non UBR SVC has a set of traffic parameters to describe the characteristics of the information being transmitted. The traffic parameters are the same for SVCs as for PVCs; these parameters are described in A40.8.2.A.5 preceding.

11. SVC Bandwidth

SVC Bandwidth is selected by the customer to accommodate the total cumulative SVC bandwidth requirements for the maximum number of simultaneous SVC calls allowed on that Customer Connection. Per SVC bandwidth requirements are determined using the same parameters specified for PVC bandwidth requirements described in Section A40.8.2.A.7.

12 SVC Address

> The Company assigns SVC addresses for each Customer Connection requested to transmit and/or receive SVCs. The customer provisions these addresses in his customer premises equipment (CPE). The data path for an SVC is then established on demand via the customer's CPE issuing a call setup request to the ATM switch. The setup request contains the addresses of the two ATM Customer Connections to be connected and SVC traffic contract information. This information allows the ATM switch to establish the end to end, bi directional virtual circuit between the specified addresses with the appropriate bandwidth and service quality information necessary to support the customer's application. The SVC is disconnected when the customer's CPE signals a release to the ATM switch.

> > Note 1: Cells per second. Note 2: Cells

 (\mathbf{O})

 (\mathbf{T})

20.3.1 Original	Page 20.3.1 INICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS_INC_	
TELECOMMIC	Cancels Original Page 20.3.1	
FLORIDA		
ISSUED: Septe	ember 16, 2011 ISSUED: September 16, 2011 ISSUED: October 8, 1999	
	EFFECTIVE: September 19, 2011 EFFECTIVE: September 19, 2011 EFFECTIVE: October 22, 1999	
BY: Marshall N	M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL	
Miami, Fic		
	A40. FAST PACKET TRANSPORT SERVICES	
A40.8 Asy	/nchronous Transfer Mode (ATM) Service (Cont'd)	
(Ob	osoleted, See Section A140)	<u>(O)</u>
A40.8.2 R	egulations (Cont'd)	
A Evo	Janation of Terms (Cont'd)	
13	SVC Traffic Contract Information	
	- swe traine contract information	(14)
	the SVC Service Category, the SVC Connection Traffic Descriptor, the SVC Conformance Definition and SVC	(IN)
	Compliant Connection Definition.	
		(N)
	Service categories for SVCs are the same as described for PVC's in A40.8.2.A.4 preceding (CBR, VBR-RT,	
	VBR NRT and UBR).	
		(N)
	This data identifies the rates of cell traffic to be expected with that SVC, i.e., the SVC traffic parameters are	
	sustainable centrate, peak centrate and maximum durst size. The determination of SVC traffic parameters is identical to the determination of BVC traffic parameters as described in A40.8.2.A.5 preceding.	
	SVC Conformance Definition:	
	This data identifies how the ATM network manages the user traffic to ensure that this SVCs traffic parameters are	(14)
	not exceeded.	
		(N)
	This data determines the degree of tolerance that is afforded to a given SVC's non-conformity before it is considered	
	non-compliant.	
14.	-SVC Bundles	(N)
	ATM SVCs are offered in bundles of 5 SVCs as a rate element. For each bundle of 5 SVCs, a customer may have 5	(N)
	simultaneous SVC calls. The customer determines the total maximum number of simultaneous SVC calls that will be	
15	SVC Doint to Doint to Multinoint Complicity	
13.	-SVC Point to Point and Point to Mutupoint Capability	(N)
	S VCs can be either point to point to multipoint connections.	(N)
	- A point to point SVC connects two ATM SVC addresses and is bi-directional.	(N)
	- A point to multipoint SVC connects a single originating SVC address to multiple destination SVC addresses and is	(N)
	receive). The originating SVC address specifies the destination addresses for each specific SVC connection. All	
	cell replication is done within the ATM Service network. The customer's CPE must be capable of initiating point- to-multipoint connections.	
-16.	-SVC Closed User Group (CUG)	(N)
	A SVC Closed User Group (CUG) may be established by an ATM customer in association with Customer Connections	(N)
	capable of transmitting SVCs. A CUG will restrict the requested SVC addresses to communicate with only the other	
	ATM SVC addresses identified within its CUG; this precludes any SVC address to transmit or receive SVCs to/from any	
	other SVC address not identified as a part of the CUG. An individual Customer Connection equipped for SVCs may be a	
17	ATM Circuit Emplotion Service	
1/.	-ATM Circuit Emulation Service	(14)
	ATM Circuit Emulation Service allows the interworking of ATM Service with time division multiplexing (TDM) services at a DS1 level ATM Circuit Emulation allows the encapsulation of DS1 level TDM Service into ATM cells by	(14)
	using AAL1 adaptation. (Adaptation defines how higher layer information such as voice, data and video are placed in	
	the payload of the 53 byte ATM cells.) ATM Circuit Emulation Service is provided to emulate a structured or	
	unstructured DS1 service; when provided to emulate a structured DS1, service may be requested with or without	
	Channel Associated Signaling (CAS).	
18.	- ATM Customer Connection Using Inverse Multiplexing for ATM Service (IMA)	(N)
	A customer requiring more ATM bandwidth than 1.536 Mbps but less than 44.210 Mbps, can economically utilize IMA	(N)
	Connection. IMA is a physical layer technology in which a high speed cell stream is broken down and transported across	

GENERAL SUBSCRIBER SERVICE TARIFF First Revised Page 20.3.1First Revised Page

BELLSOUTH

<u>20.3.1</u>Original Page 20.3.1

TELECOMMUNICATIONSTELECOMMUNICATIONS, INC. Cancels Original Page 20.3.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: October 8, 1999

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: October 22, 1999

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

multiple 1.536 Mbps links, then reconstructed back into the original stream at the ATM switch or other associated ATM equipment. IMA Customer Connections are available at speeds in multiples of 1.536 Mbps (in quantities from 2 to 8) which results in ATM Customer Connections of 3.072 Mbps, 4.608 Mbps, 6.144 Mbps, 7.680 Mbps, 9.216 Mbps, 10.752 Mbps, and 12.288 Mbps.

20.3.2Fourth Revised Page 20.3.2 TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Fourth Revised Page 20.3.2 Cancels Fourth Revised Page 20.3.2 Cancels Third Revised Page 20.3.2

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.2 Regulations (Cont'd)

A. Explanation of Terms (Cont'd)

19. Feature Change Charge

A Feature Change Charge is a nonrecurring charge which applies whenever a change is made (at the customer's request) to add or change ATM service as specified in C.1.e. following.

20. Serving Area Point (SAP)

A Serving Area Point (SAP) is a Company Central Office that is designated as a member of the ATM Service Network Serving Area. (See the explanation of ATM Service Network Serving Area preceding.)

21. Oversubscription

A customer may establish multiple virtual circuits (VCs, which are PVCs and/or SVCs) on an ATM Service Customer Connection.⁴ VCs with a VBR service category are eligible to subscribe to more than the available equivalent bandwidth on the Customer Connection after bandwidth for CBR is assigned. This is called oversubscription. This allows the customer to take advantage of the fact that not all of these VCs will be active simultaneously. However, the network's apparent performance will be degraded if the customer attempts to make use of this overbooked commitment (or oversubscription) beyond the capacity of the ATM Service Customer Connection. In the worst case, attempts to fully utilize such overbooked commitment may appear to the customer as network unavailability.

The amount of oversubscription (expressed as a percentage) for a Customer Connection will be determined by:

Sum of VBR equivalent bandwidths

Customer Connection speed sum of CBR equivalent bandwidths times 100

In order to qualify for Network Service Level Agreements (SLAs) (as specified in B.6. following), an ATM service Customer Connection may only oversubscribe PVC VBR bandwidth up to 200% according to the specific formula below, which also seeks to exclude SVC bandwidth from the total available bandwidth. In the event the customer exceeds this oversubscription limit, Network SLA credits will not be issued. The customer then must either upgrade their ATM Service Customer Connection speed or subscribe to an additional Customer Connection(s) to remain less than or equal to the 200% oversubscription limit to qualify for future Network SLA crediting.

Sum of PVC VBR equivalent bandwidths

Customer Connection speed SVC bandwidth sum of CBR equivalent bandwidths times 100

22. Back-Up Capability

Back Up Capability is available on an optional basis (via unique Back Up Customer Connections with transmission speeds of either 44.210 Mbps or 149.760 Mbps) and provides the customer with the ability to have a back up logical port configured to his PVC service needs in the event that the customer's primary connection at 44.210 Mbps or 149.760 Mbps is disabled. A Back Up Customer Connection utilizes a Broadband Line (with Broadband Line Extension Service, as appropriate). Both the Back Up Customer Connection and its associated Broadband Line Service are specifically dedicated to providing back up service and remain idle except when being utilized for back-up purposes.

Note 1: The maximum VBR oversubscription allowed on a Subrate T3 Customer Connection (any speed) is 200%.

 (\mathbf{O})

BELLSOUTH 20.3.2.0.1 Original Page 20.3.2.0.1 TELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Original Page 20.3.2.0.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: April 14, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: April 29, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.2 Regulations (Cont'd)

A. Explanation of Terms (Cont'd)

22. Back Un Canability (Cont'd)

	22.	Buck op cupuolity (Cont d)	
		The customer must prearrange with the Company which primary Customer Connections(s) may be directed to a specific Back Up Customer Connection so that the necessary work is done by the Company which is required prior to back up capability being possible. An ATM Customer Connection so identified which may be redirected in the event of a failure is referred to as a back up enabled primary Customer Connection, or referred to herein as simply the primary Customer Connection. An ATM primary Customer Connection may only utilize an ATM Back Up Customer Connection. A primary Customer Connection must be in the same ATM Network Serving Area as its Back Up Customer Connection. A primary Customer Connection may have only one Back Up Customer Connection identified. A Back Up Customer Connection may serve as the back up for more than one primary Customer Connection; however, a Back Up Customer Connection may only be actively in use with one primary Customer Connection at any given time. The Back Up Customer Connection must be the same size as the customer's largest primary Customer Connection.	(M)
		The Back Up Customer Connection is manually activated by the Company when the customer requests service from a primary Customer Connection to be redirected to its pre-identified Back Up Customer Connection. All PVCs associated with the primary Customer Connection are rerouted to the Back Up Customer Connection ⁴ . As a technical limitation, Back Up Capability does not function in association with SVCs; if a primary Customer Connection with both PVCs and SVCs is redirected to its Back Up Customer Connection, only the PVCs will be redirected and operational.	(N)
		A Back-Up Customer Connection is not eligible for Network Service Level Agreements (SLAs) specified in B.6. following.	(N)
<u>B.</u>	Basi	s of Offering	(M)
	1.	Detailed monthly billing is not provided.	(M)
	2	Suspension of service is not allowed.	(M)
	3.	-Obligations of Customer and Company	(M)
		a. The Company is not responsible for the installation, operation, or maintenance of any equipment provided by the customer.	(M)
		b. The customer is responsible for the provision and maintenance of all Customer Provided Equipment (CPE) and to ensure that the operating characteristics of this equipment are compatible with and do not interfere with the service offered by the Company.	(M)
		c. The maximum number of virtual channels (PVC segments plus simultaneous SVCs) allowed per Customer Connection are specified in BellSouth Technical Reference 73585.	(M)
	4.—	In order to maintain the quality of ATM Service, the Company reserves the right to perform preventive maintenance of software updates to the network. This could result in ATM Service being unavailable during the time period between 2:00 A.M. and 4:00 A.M. Eastern Time on any given Wednesday or Sunday morning. However, the Company expects only to utilize this maintenance window for any given switch on the average of once a quarter. In addition, the Company will make every reasonable effort to provide advance notice to those customers likely to be severely affected by such maintenance work. This maintenance window may be adjusted by the Company upon written notice to the customers.	(M)
	5.	The minimum service period is 12 months.	(M)
	.		

5. The minimum service period is 12 months.

Note 1: To appropriately provision new PVCs ordered subsequent to a primary Customer Connection (N) being enabled for Back Up Capability, subsequent orders for PVCs should specify that the PVCs are being requested in association with a primary Customer Connection.

Material appearing on this page previously appeared on page(s) 20.3.2 of this section.

 $(\mathbf{0})$

Cancels First Revised Page 20.3.2.1 Cancels First Revised Page 20.3.2.1 Cancels Original Page 20.3.2.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

Service Level Agreement

ATM Service includes Service Level Agreements (SLAs) which specify the Company's provisioning, repair and performance commitments for ATM Service in specific areas. Provisioning and repair commitments are measured on a per occurrence basis. Network service level commitments are monthly performance measurements. The following service measurements will outline the service levels that the Company will deliver to its ATM customers.

Provisioning and Repair:

ATM Installation Interval

- ATM Time-To-Repair

Network Service Levels:

ATM Network Availability

ATM Cell Loss Ratio

ATM Cell Delivery Rate

Service Level Commitments will define ATM Service measurements that the Company agrees to provide every eustomer. If the Company fails to meet a Service Level Commitment, the customer is eligible for a SLA credit. Credits for missed Network Service Level Commitments will only be available to customers subscribing to the Gold Package in Customer Network Management from A40.12 of this Tariff. Billing credits which may apply if the Company does not meet the objectives associated with these stated SLAs (specifically covering rates for ATM Service and associated Broadband Line Service from Section A40. of this tariff) are provided as set forth in c. following. Credits only apply for portions of service supplied by the Company.

BELLSOUTH	GENERAL SUBSCRIBER SERVICE TARIFF Second Revised Page 20.3.3Second Revised	ed
Page 20.3.3First Re	evised Page 20.3.3	
TELECOMMUNIC	Cancels First Revised Page 20.3.3 Cancels First Revised Page 20.3.3 Cancels Original Page 20.3.3	
FLORIDA		
ISSUED: Septembe	er 16, 2011 ISSUED: September 16, 2011 ISSUED: December 6, 2002	
RV: Marshall M. C.	<u>EFFECTIVE: September 19, 2011 EFFECTIVE: September 19, 2011 EFFECTIVE: December 21, 2002</u>	
Miami, Florida	IISEI III, FIESIdent -FL D I. Marshan W. Chsel III, Flesident -FL D I. Joseph F. Lacher, Flesident -FL	
·· , · · ·	A40. FAST PACKET TRANSPORT SERVICES	
A40.8 Async	hronous Transfer Mode (ATM) Service (Cont'd)	
<u>(Obso</u>	leted, See Section A140)	<u>(O)</u>
A40.8.2 Regul	lations (Cont'd)	
B. Basis of	Offering (Cont'd)	
6. Sei	rvice Level Agreement (Cont'd)	
8.	-SLA Service Level Commitments	
	The Company's Service Level Commitments for ATM Service are as follows:	
	ATM Installation IntervalStandard Interval	
	ATM Time-To-Repair on customer sites within the ATM Network Serving Area - 4 hours	
		(N)
	ATM Cell Loss Ratio	(N)
		(N)
	ATM Cell Delivery Rate with VBR real-time Class of Service	(N)
		(N)
b	-SLA Restrictions	
	The Company will implement SLA provisioning restrictions that will define customer network design requirements and limitations to BellSouth's commitment to meet Service Levels for ATM Service. <i>Customer network design</i> requirements are intended to limit or negate BellSouth's obligation to provide SLA credits when the customer has under-engineered their BellSouth ATM network. The customer network design requirements are as follows:	(C)
	- The customer's network must have a minimum of 10 Customer Connections for the Company to provide SLA credits.	
	 The total VBR equivalent bandwidth on all PVCs (after the CBR bandwidth is subtracted) carried by any of the customer's ATM Customer Connections may not be greater than 200% of the Customer Connection speed (oversubscription). 	(N)
	 A customer must be subscribing to the Gold Package in Customer Network Management (CNM) from A40.12 to receive credits for missed Network Service Level Commitments. Customer Connections at both ends of a PVC must have the CNM Gold Package or equivalent. In the event only one end of a PVC is ordered from this Tariff, credits will only be issued for the rate elements ordered from this Tariff. 	(N)
	SLA credits do not apply when any stated objective is not met because the Company does not have control over the circumstances causing the objective to be missed. Situations over which the Company does not have control can be defined as, but not limited to, the following:	
	- any act, any omission or negligence on the part of the customer, any other customer or any third party, or of any other entity providing a portion of the service,	
	- labor difficulties, governmental orders, civil commotions, declared National Emergencies, criminal actions against the Company, acts of God, war, or other circumstances beyond the Company's control,	
		(T)
	customer oversubscription of ATM Service Customer Connections.	(N)
	SLA commitments only apply for service wholly within Company territory. SLA commitments will not apply for circuits which are part of a jointly provided service. SLA commitments do not apply for service provided by other telephone companies concurring in the rates and regulations of the Company.	
		(M)

Material previously appearing on this page now appears on page(s) 20.3.4 of this section.

Cancels Second Revised Page 20.3.4 Cancels Second Revised Page 20.3.4 Cancels First Revised Page 20.3.4

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

6. Service Level Agreement (Cont'd)

b. SLA Restrictions (Cont'd)

The customer must request a credit within one calendar month of the Company missing an ATM Service Level Commitment. The Company will investigate customer requests for any SLA credits to determine the cause of any performance failures reported by the customer. The Company will investigate the customer's request over a period of up to 45 calendar days. The 45 day period will begin when the customer makes the request for credit with their BellSouth Sales Representative. SLA credits will be provided to the customer if the Company determines that they had control over the circumstances causing the failure. If the Company determines that these failures are the result of oversubscription of ATM Service Customer Connections, the Company will provide the customer with the reports documenting the oversubscription and Network SLA credits will not be issued. The customer will be required to upgrade their ATM Service Customer Connections or no future SLA credits will be allowed on that ATM Service Customer Connections.

When a customer requests a SLA credit for ATM Network Availability, all requests for a calendar month must be submitted at the same time. For example, the customer receives a SLA report on May 1st providing a report on April performance. Any requests for Network Availability SLA credits on Customer Connections for the month of April must all be submitted together.

e. SLA Credits for ATM Service Level Commitments

The following credits will apply when the Company misses a Service Level Commitment (each credit is described in (1) thru (5) following):

- ATM Installation Interval - Credit non-recurring installation charge paid by the customer

-ATM Time-To-Repair - Credit one day of Monthly Recurring Charge (MRC)

- ATM Network Availability Credit one day of MRC

- ATM Cell Loss Ratio Credit MRC
- ATM Cell Delivery Rate Credit MRC

The SLA credit amount will be determined by applying the credits outlined above to the rate elements or total billed revenues specified following.

- (1) ATM Installation Interval Credit this credit will only apply to the installation or upgrade of an ATM Customer Connection. The credit will be equal to the nonrecurring installation charge for the Customer Connection, Broadband Line and Broadband Line Extension. The credit will not apply to expedited installations or to installations where no facility and/or switch exist. If on the due date the customer is not ready or in a case where another of the customer's service providers (including the customer's provider of customer premises equipment, interexchange service, or other local service provider) is not ready, the Company is not liable for missing the due date and SLA credits do not apply.
- (2) ATM Time To Repair Credit this credit will require that the customer report the problem to the BellSouth Repair Center. The repair interval will start with the time entered on the trouble ticket. The Service Level Commitment measurement will be based on each individual trouble ticket for a Customer Connection. Multiple trouble tickets on the same day for the same Customer Connection will only be eligible for one timeto repair credit. The credit will be one day of the MRC for the Customer Connection and Broadband Line. Credits on any individual Customer Connection for a calendar month cannot exceed the MRC for the Customer Connection and Broadband Line.

 (\mathbf{T})

Page 20.3.5First Revised Page 20.3.5 TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels First Revised Page 20.3.5 Cancels First Revised Page 20.3.5 Cancels Original Page 20.3.5

FLORIDA

BELLSOUTH

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

Service Level Agreement (Cont'd)

-SLA Credits for ATM Service Level Commitments (Cont'd)

- (3) ATM Network Availability this credit will apply in the event that the measurement for the customer's network is missed. The credit will then be for each ATM Customer Connection which does not meet the 99.9% availability commitment. The credit will be one day of the MRC of the ATM Customer Connection and the Broadband Line. The unavailability of a Customer Connection will be calculated from the trouble tickets submitted for the Customer Connection. The unavailability of a customer's network will be calculated from the trouble tickets submitted for each Customer Connection within the customer's network. The Service Level Commitment will be calculated by first subtracting the unavailable time from the total available time for a particular calendar month and then dividing it by the total available time. Included in available time are scheduled maintenance windows and time the network was unavailable due to circumstances outside the Company's control.
- (4) ATM Cell Loss Ratio measurement will be on each ATM PVC. The credit will be equal to the MRC for the PVC Segment Charge of the VPI/VCI pair making up the PVC.
- (5) ATM Cell Delivery Rate measurement will be on each ATM PVC. The credit will be equal to the MRC for the PVC Segment Charge of the VPI/VCI pair making up the PVC.

GENERAL SUBSCRIBER SERVICE TARIFF Fourth Revised Page 20.4 Fourth Revised Page

Cancels Third Revised Page 20.4 Cancels Third Revised Page 20.4 Cancels Second Revised Page 20.4

FLORIDA

20.4Third Revised Page 20.4

BELLSOUTH

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: April 14, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: April 29, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.2 Regulations (Cont'd)

C. Provision of Service

- 1. Rates and charges contained in this Section of the Tariff consist of the following elements:
 - a. Customer Connection to ATM Service
 - (1) The ATM Customer Connection rate element includes the termination on the ATM switching equipment and the transport from ATM Serving Area Points to that switch (unless specified otherwise herein). A minimum of one Customer Connection is required per customer to subscribe to ATM Service.

Rates for the following ATM Customer Connections at speeds of 1.536 Mbps, IMA, Subrate T3 and 44.210 Mbps are flat rated based upon the average airline distance of ATM Serving Area Points from the ATM switch within a Network Serving Area: 1.536 Mbps (including Circuit Emulation¹), 3.072 Mbps, 4.608 Mbps, 6.144 Mbps, 7.680 Mbps, 9.216 Mbps, 10.752 Mbps, 12.288 Mbps, 18 Mbps, 24 Mbps, 30 Mbps, 36 Mbps, and 44.210 Mbps.

Rates for an ATM Customer Connection at speeds of 149.760 Mbps and 599.040 Mbps may include two components. A fixed charge applies per 149.760 Mbps or 599.040 Mbps ATM Customer Connection. In addition, a Per Mile Charge applies if the ATM switch is not located in the customer's Serving Wire Center. Airline distance will be calculated from the customer's Serving Area Point to the Company Central Office where the ATM switch is located within that Network Serving Area. Fractions of miles will be rounded up to the nearest whole mile.

- (2) The unique Back Up Customer Connection rate elements provided at 44.210 Mbps and 149.760 Mbps are structured the same as standard ATM Customer Connections for those same transmission speeds as described in (1) preceding.
- b. PVC Feature Charges

PVC Feature Charges are required to establish PVC connections across the ATM network.

- (1) PVC Segment Charge A PVC Segment Charge applies for each PVC segment established over a Customer Connection. A PVC Segment Charge is applicable under all ATM PVC service categories.
- (2) PVC Segment Bandwidth Charge A PVC Segment Bandwidth Charge is required per PVC segment established under the CBR or VBR PVC service category (but is not applicable to UBR PVCs). PVC bandwidth represents ATM Service network resources required for the non UBR PVC and is based on the non UBR PVC's traffic parameters (i.e., PCR, SCR, and MBS). The total charge for this rate element per segment is determined by multiplying the non UBR PVC segment bandwidth by the PVC Segment Bandwidth Charge, either Per Megabit or Per Increment of 64 Kbps (as appropriate per A.7, preceding).
- (3) UBR Service Activation Charge A UBR Service Activation Charge is applicable for each Customer Connection over which UBR PVCs will traverse. One charge is applicable per Customer Connection regardless of how many UBR PVCs will traverse that Customer Connection.

e. Inter-Network Serving Area Link PVC Feature Charges (Refer to A40.8.2.C.4.b following.)

Note 1: The Unstructured Circuit Emulation PRI over ATM Customer Connection is flat rated; however, specific charges apply as set forth in A40.8.2.C.7.a.(1) for mileage between the ATM switch providing circuit emulation capability and the BellSouth[®] Primary Rate ISDN switch. <u>(0)</u>

(T)

AD

20.4.0.1 Original Page 20.4.0.1	-
TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC.	
Cancels Original Page 20.4.0.1	
FLORIDA	
ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: April 14, 2003	
EFFECTIVE: September 19, 2011 EFFECTIVE: September 19, 2011 EFFECTIVE: April 29, 2003	
BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL	
Miami, Florida	
A40. FAST PACKET TRANSPORT SERVICES	
A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)	
(Obsoleted, See Section A140)	<u>(O)</u>
A40.8.2 Regulations (Cont'd)	
C. Provision of Service (Cont'd)	
1. Rates and charges contained in this Section of the Tariff consist of the following elements: (Cont'd)	
d. SVC Feature Charges	(M)
SVC Feature Charges are required to enable Customer Connections to establish SVC connections across the ATM network.	(M)
(1) SVC Service Activation Charge The SVC Service Activation Charge applies per Customer Connection, which is requested to be enabled to transmit and/or receive SVCs.	(M)
(2) SVC Bundles – For each Customer Connection activated for SVCs, the customer must determine the maximum number of simultaneous SVC calls that Customer Connection should be sized to accommodate. The rate element for an SVC Bundle provides the capability for up to 5 simultaneous SVC calls. The customer determines how many bundles, or increments of 5 simultaneous SVC calls, are required for each Customer Connection. Where less than 5 simultaneous SVC calls are required, the customer is required to purchase a minimum of one bundle.	(M)
(3) SVC Bandwidth – For each Customer Connection activated for SVCs, the customer must determine the bandwidth required to accommodate the total volume of simultaneous SVC calls, or total number of SVC bundles, selected for each Customer Connection. Bandwidth represents the ATM Service network resources that will be utilized for that Customer Connection based upon its total SVCs' traffic parameters.	(M)
Where the bandwidth required per Customer Connection activated for SVCs is greater than 1.536 Mbps, the SVC bandwidth value is expressed in units of megabits and (if a fraction of a megabit) is rounded up to the next whole megabit. This bandwidth is multiplied by the SVC Per Megabit Bandwidth Charge.	(M)

GENERAL SUBSCRIBER SERVICE TARIFF First Revised Page 20.4.0.1 First Revised Page

BELLSOUTH

Cancels First Revised Page 20.4.1 Cancels First Revised Page 20.4.1 Cancels Original Page 20.4.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

1. Rates and charges contained in this Section of the Tariff consist of the following elements: (Cont'd)

- d. SVC Feature Charges (Cont'd)
 - (3) (Cont'd)

Where the bandwidth required per Customer Connection activated for SVCs is less than or equal to 1.536 Mbps, that number should be divided by .064 Mbps to arrive at a quantity of 64 Kbps increments. If the resulting number is not a whole number, it is rounded up to the next whole number and represents the number of 64 Kbps increments that should be utilized in the derivation of the SVC Bandwidth Charge. This bandwidth is multiplied by the SVC Per Increment of 64 Kbps Bandwidth Charge.

(4) SVC Closed User Group (CUG)

Nonrecurring charges apply for each customer requested CUG.

A Per Group nonrecurring charge applies per CUG at the time of initial establishment of that CUG. A Feature Charge Charge is applicable for each subsequent request to change the parameters of an existing CUG; the Per Group nonrecurring charge is not applicable for such requests.

A Per Entry nonrecurring charge applies per SVC Address (on an ATM SVC Customer Connection enabled for SVC capability) which is requested by the customer to be included in a CUG. The Per Entry nonrecurring charge applies for each SVC Address requested to be included in a CUG at the time the CUG is established. The Per Entry nonrecurring charge also applies for each SVC Address requested to be included in an already established CUG.¹

Customer requests to change an SVC Address from being included in one CUG to another CUG shall be treated as a disconnect from the CUG the SVC Address is deleted from (at no charge) and as a new entry to the other CUG (where a Per Entry nonrecurring charge shall be applicable.¹)

e. Feature Change Charge

A Feature Change Charge applies for a customer request to change an existing ATM Service PVC feature from A40.8.3.B. and C. for which there is no nonrecurring charge. One Feature Change Charge applies per service order to perform the work requested by the customer. (Examples: A Feature Change Charge applies when a customer requests a change in the PVC segment bandwidth required on an existing non-UBR PVC. A Feature Change Charge applies when a customer connection which currently is not activated to carry UBR PVCs if the request does not also include an order for a UBR PVC Segment which carries a nonrecurring charge. A customer request to change the service category of an existing CBR PVC to a VBR RT PVC would not involve a Feature Change Charge but would be treated as a disconnect of the CBR PVC and a new request for a VBR RT PVC for which there is a nonrecurring charge.)

Only one Feature Change Charge applies per customer request that involves changes to multiple existing PVCs of the same PVC service category that are provisioned out of the same ATM switch. (For example, one Feature Change Charge would apply per customer request to change the PVC segment bandwidth associated with two existing CBR PVCs provisioned out of the same ATM switch.)

A Feature Change Charge applies for a customer request to increase or decrease the quantity of SVC Bundles² and/or SVC Bandwidth associated with an existing ATM Customer Connection equipped for SVCs. One Feature Change Charge applies per service order required to perform the work requested by the customer.

A Feature Change Charge applies for a customer request to change the parameters on an existing SVC CUG.

2. Certain Company Central Offices are designated by the Company as Serving Area Points (SAPs) for the ATM Service Network Serving Area. A customer accessing the ATM Service network, whose Serving Wire Center is designated a SAP, will only require a Broadband Line FPO as described in A40.5 of this Tariff. An ATM Service customer, whose Serving Wire Center is not designated a SAP, will require a Broadband Line FPO to the Serving Wire Center as well as a Broadband Line Extension FPO (also described in A40.5) to gain access to the closest designated SAP.

Note 1: The application of a Feature Change Charge is not required for such requests.

<u>(0)</u>

Page 20.4.1First Revised Page 20.4.1

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC.

Cancels First Revised Page 20.4.1Cancels First Revised Page 20.4.1Cancels Original Page 20.4.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011 EFFECTIVE: September 19, 2011 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FL

Miami, Florida

Note 2: The nonrecurring charge per SVC Bundle applies for each additional SVC Bundle requested.

Cancels Third Revised Page 20.5 Cancels Third Revised Page 20.5 Cancels Second Revised Page 20.5

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

 Charges for installing ATM Service are included in the respective nonrecurring charges specified herein. Service Charges from Section A4. of this Tariff are not applicable for installing such services. Charges applicable for customer requested change of service installation due date and cancellation of service installation are as specified in Section A40.9 following.

 Should a customer, having locations in more than one Company ATM Network Serving Area within a LATA, desire to send PVC data traffic between these locations, the customer can interconnect these locations through the following two options:

. Dedicated Connection:

The customer subscribes to additional Customer Connections (in each Network Serving Area) which are enabled to support inter serving area connectivity and Broadband Line Extension FPOs¹ to connect them. These additional rate elements will be used solely to transport this customer's data traffic between affected ATM Network Serving Areas. PVC and SVC Feature Charges apply for VCs through each connection except when these connections have been specifically requested by the customer to be provisioned as customer specific trunks.

b. Shared Connection:

The Company may establish facilities between ATM Service switching equipment in different Network Serving Areas in the same LATA and may allow customers to share bandwidth on these facilities; where these shared facilities are available to customers, a shared connection is an option. The customer must establish one or more Inter Network Serving Area Links (INSAL) that extend between ATM switches.

- (1) Where the customer wishes to extend PVC Service, one PVC exists between both customer premises through each link. Charges for the PVC Inter-Network Serving Area Link are applied as follows:
- - Charge is applicable for each end of the link per PVC; for UBR PVCs, an Inter Network Serving Area UBR
 - -PVC Service Activation Charge applies per PVC for each end of the link, and

--- no additional PVC Segment Charges apply.

- 5. In some cases, the Company and another Incumbent Local Exchange Company that offers ATM technology will jointly connect ATM switching equipment within a LATA to provide customers the ability to interconnect their locations served by the different companies. In order to utilize the Company's portion of this jointly provided shared connection for PVC traffic, the customer must subscribe to one end of a PVC Inter Network Serving Area Link with either an Inter Network Serving Area Link PVC Bandwidth Charge (per CBR or VBR PVC) or a PVC Inter Network Serving Area Link UBR Service Activation Charge (per UBR PVC).
- 6. For customer locations within BellSouth LATAs served by an Incumbent Local Exchange Company other than BellSouth, the appropriate ATM Customer Connection charge for mileage associated with transmission speeds of 149.760 Mbps and 599.040 Mbps will be determined by using the airline distance from the switch location to the Company central office within the ATM Network Serving Area which is the closest designated SAP.
- 7. Circuit Emulation Service provides for the emulation of a time division multiplexed (TDM) DS1 circuit through the ATM network so that the customer may interwork TDM services with their ATM Service. The customer is responsible for the appropriate charges for such TDM services from other tariffs in addition to the charges specified herein for ATM Service.

An Unstructured versus Structured Circuit Emulation Customer Connection is selected based upon the customer's specific DS1 needs to respectively interwork an unstructured versus structured DS1 TDM service with ATM Service.

Note 1: The mileage utilized to determine the Broadband Line Extension associated with a Dedicated Connection at speeds equal to or less than 44.210 Mbps is measured from Serving Area Point to Serving Area Point between the two involved Network Serving Areas. The mileage utilized to determine the Broadband Line Extension associated with a Dedicated Connection at speeds <u>(O)</u>

20.5 Third Revised Page 20.5

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC.

Cancels Third Revised Page 20.5 Cancels Third Revised Page 20.5 Cancels Second Revised Page 20.5

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011 EFFECTIVE: September 19, 2011 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FL

Miami, Florida

of 149.760 Mbps or 599.040 Mbps is measured between the serving wire centers in each Network Serving Area where the ATM switches are located.

Cancels First Revised Page 20.5.0.1 Cancels First Revised Page 20.5.0.1 Cancels Original Page 20.5.0.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

7. (Cont'd)

a. An Unstructured Circuit Emulation Customer Connection accepts the termination of a full DS1 TDM bit stream.

(1) A unique Unstructured Circuit Emulation Customer Connection is provided to accept the termination of a full DS1 TDM bit stream from a BellSouth[®] Primary Rate ISDN Service. One Unstructured Circuit Emulation Customer Connection - PRI over ATM rate element is required per BellSouth[®] Primary Rate ISDN Interface. One ATM CBR PVC Segment with 2 Megabits of CBR PVC Segment Bandwidth shall apply in association with the service originating from each BellSouth[®] Primary Rate ISDN Interface to the ATM Switch. (Additionally, the standard tariff charges apply for the corresponding 2 Megabit ATM CBR PVC Segment to which this is mapped within the ATM switch, which is requested on the ATM Customer Connection associated with the customer's premises.)

Appropriate rate elements for the BellSouth[®] Primary Rate ISDN Service when so terminated in ATM Service are as set forth in A42.3. Only BellSouth[®] Primary Rate ISDN Service provided from a central office which is a Serving Area Point within the same ATM Service Network Serving Area as the customer premises to which the service is to be transported may utilize this option. If the ATM switch used to provide the circuit emulation capability for the BellSouth[®] Primary Rate ISDN Service is not in the same central office as the Primary Rate ISDN switch, interoffice mileage charges from the BellSouth[®] Primary Rate ISDN Service tariff shall apply between these two switch central offices.

The ATM Customer Connection (associated with the customer premises) to which the PVC segment associated with the Unstructured Circuit Emulation Customer Connection — PRI over ATM may be mapped must be a transmission speed of Subrate T3 or higher in order to accept the 2 Megabit CBR PVC associated with this service.

The PVC Segment associated with the Unstructured Circuit Emulation Customer Connection – PRI over ATM may only be mapped to a PVC Segment associated with a local ATM Service Customer Connection whose service terminates to a premises within the same LATA as the BellSouth[®] Primary Rate ISDN Service switch. The provision of the BellSouth[®] Primary Rate ISDN Service (via the Unstructured Circuit Emulation Customer Connection – PRI over ATM) to the premises associated with the local ATM Service Customer Connection must be in accordance with all regulations governing the provisioning of local exchange service via BellSouth[®] Primary Rate ISDN Service.

(2) An Unstructured Circuit Emulation Customer Connection is provided to accept the termination of a full DS1 TDM bit stream from the customer's premises through a 1.536 Mbps Broadband Line Service. One Unstructured Circuit Emulation Customer Connection Other TDM over ATM is required per such DS1 TDM service. One ATM CBR PVC Segment with 2 Megabits of CBR PVC Segment Bandwidth shall apply in association with the service originating from the TDM premises to the ATM Switch. Additionally, the standard tariff charges apply for the corresponding 2 Megabit ATM CBR PVC Segment to which this is mapped within the ATM switch; the associated ATM Customer Connection must be a transmission speed or type which can accept the 2 Megabit CBR PVC.

Cancels Third Revised Page 20.5.1 Cancels Third Revised Page 20.5.1 Cancels Second Revised Page 20.5.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

7. (Cont'd)

b. A Structured Circuit Emulation Customer Connection accepts up to 24 DS0 terminations from a channelized DS1 bit stream(s) from the customer (e.g., MegaLink[®] Service with MegaLink[®] Channel Service). Where MegaLink[®] Service is used, the customer is responsible for paying the appropriate charges for MegaLink[®] Service and MegaLink[®] Channel Service. MegaLink[®] Channel Service Broadband Line Service Feature Activation Charges apply for each DS0 termination to be directed to the Structured Circuit Emulation Customer Connection. The customer specifies the desired grouping of such DS0 terminations into ATM PVCs. An ATM CBR PVC Segment and Bandwidth Charges⁴ apply for each PVC requested in association with the service originating from the TDM premises to the ATM Switch. Additionally, the standard tariff charges apply for the corresponding ATM CBR PVC Segments to which these are mapped within the ATM switch.

A Structured Circuit Emulation Customer Connection is available with or without Channel Associated Signaling (CAS)² and is specified by the customer when service is ordered. CAS is necessary to support channelized DS1 TDM applications requiring DS1 Robbed Bit Signaling support.

- 8. A customer requiring connectivity to ATM Service greater than 1.536 Mbps but less than 44.210 Mbps may select ATM Service Customer Connections Using IMA. An IMA Customer Connection allows the customer to select an ATM Customer Connection at a speed that is an even multiple of 1.536 Mbps service. IMA Customer Connections are available at speeds of 3.072 Mbps, 4.608 Mbps, 6.144 Mbps, 7.680 Mbps, 9.216 Mbps, 10.752 Mbps, and 12.288 Mbps. To access an IMA Customer Connection, the customer subscribes to the appropriate quantity of 1.536 Mbps Broadband Lines and Broadband Line Extensions to equal the bandwidth of the IMA Customer Connection. A reference chart is provided in A40.5.3.A.3.
- 9. The appropriate nonrecurring charges for an existing IMA Customer Connection to be changed to another speed of IMA Customer Connection shall be the appropriate nonrecurring charges from Section A40.5 for any additional Broadband Line Service plus the full nonrecurring charges from Section A40.8 for the new speed IMA Customer Connection requested and any associated PVC Features.
- A customer requiring connectivity to ATM Service greater than 1.536 Mbps but less than 44.210 Mbps may select an ATM Subrate T3 Customer Connection. ATM Subrate T3 Customer Connections are available at speeds of 18 Mbps, 24 Mbps, 30 Mbps and 36 Mbps.

Several technical limitations exist in association with the provisioning of ATM Subrate T3 Service. An ATM Subrate T3 Customer Connection is provisioned utilizing 44.210 Mbps of transport bandwidth (e.g., a 44.210 Mbps Broadband Line Service); no other service(s) may utilize the remaining bandwidth. While an ATM Subrate T3 Customer Connection can simultaneously support both PVCs and SVCs, bandwidth reserved for SVCs is not available for use by PVCs (and vice versa). UBR PVCs and UBR SVCs are not allowed on an ATM Subrate T3 Customer Connection.

- Note 1: PVC Segment Bandwidth charges shall be based upon the equivalent bandwidth required for each PVC requested. The transport of TDM service as ATM Circuit Emulation Service requires additional overhead, sometimes referred to as "cell tax". Consequently, the bandwidth required for a given PVC will be greater than the sum of the DS0 TDM bandwidth. For example, the PVC resulting from a single DS0 TDM bit stream of 64 Kbps will be greater than 64 Kbps as a result of the equivalent bandwidth required for overhead and will require two Increments of 64 Kbps Bandwidth per CBR PVC Segment.
- Note 2: However, Channel Associated Signaling (CAS) may not be available at all ATM switch locations.

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

<u>(O)</u>

(T)

(T)

(T)

Cancels First Revised Page 20.5.1.1 Cancels First Revised Page 20.5.1.1 Cancels Original Page 20.5.1.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

<u>EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003</u> <u>BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FL</u>BY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.2 Regulations (Cont'd)

C. Provision of Service

11. To have ATM Back Up Capability as an option for a 44.210 Mbps or 149.760 Mbps Customer Connection, the customer is required to have an ATM Service Back Up Customer Connection and a separate Broadband Line (with Broadband Line Extension Service, as appropriate) which are designated specifically for back up purposes. Monthly rates and nonrecurring charges applicable for a Back Up Customer Connection are provided in A40.8.3.A following. Monthly rates and nonrecurring charges for Broadband Line Service are found in A40.5.

The activation of a Back Up Customer Connection via the rerouting of traffic from a primary Customer Connection to the Back Up Customer Connection is a manual operation performed by the Company at the direction of the customer. At the direction of the customer, the Company will subsequently then redirect traffic from the Back Up Customer Connection.

A Primary Customer Connection Back Up Enablement/Change Charge provided in A40.8.3.A is applicable per existing primary Customer Connection which is requested by the customer to be back up enabled and is billed to each primary Customer Connection account. A Primary Customer Connection Back Up Enablement/Change Charge is also applicable for each existing back up enabled primary Customer Connection when the customer requests a reassignment of that primary Customer Connection.

<u>(0)</u>

Cancels Second Revised Page 20.5.2 Cancels Second Revised Page 20.5.2 Cancels First Revised Page 20.5.2

GENERAL SUBSCRIBER SERVICE TARIFF Third Revised Page 20.5.2 Third Revised Page

 $(\mathbf{0})$

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.2 Regulations (Cont'd)

D. Contract Plans

- 1. Contract plans are available under conditions specified in the Fast Packet Services Payment Plan (SPP) in A40.10 of this Tariff with contract periods described as follows:
 - a. Term Payment Plan A payment periods may be selected from 12 to 36 months.
 - b. Term Payment Plan B payment periods may be selected from 37 to 60 months.
- 2. Provided the applicable conditions set forth in A40.10.2 and A40.10.4.B. are satisfied, a Termination Liability Charge (T) will not be applicable at the date of termination, if prior to fulfilling the period of the contract plan, the customer requests a change from an ATM service to the same speed, higher speed or next lower speed of any service offered by the Company under a contract plan. In such cases, the full nonrecurring charges apply for the installation of the new service requested, except as specified otherwise in this tariff or the new service's tariff.

For purposes of implementing this regulation on Termination Liability Charges for changes from one speed of ATM (N) Service (under contract) to another speed of ATM Service (under contract), the following hierarchy of ATM Customer Connection speeds shall exist (shown in order of lowest to highest):

	(N)
IMA	(N)
Subrate T3	(N)
	(N)
	(N)
<u>599.010 Mbps</u>	(N)
-(DELETED)	(D)

4. To be included under a Fast Packet Services Payment Plan, PVC Features and SVC Features must be associated with Customer Connections also under a Fast Packet Services Payment Plan. The length of the Fast Packet Services Payment Plan for the PVC Features and SVC Features cannot be for a longer period than the associated Customer Connection. A Termination Liability Charge will not be applicable for the disconnection of PVC Features and SVC Features set forth in A40.8.3.B., C., and D. that are selected under the Fast Packet Services Payment Plan. TELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Second Revised Page 20.6 Cancels Second Revised Page 20.6 Cancels First Revised Page 20.6

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: November 30, 2001

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: December 17, 2001 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.3 Rates and Charges

A. Customer Connection to ATM Service

1. 1.536 Mbps ATM Service

(a) Per Customer Connect	Nonrecur Ch ion \$59	ring arge P 5.00 \$:	4 onth – To 1 4 onth 550.00	— <u>A</u> 2-To-36 Months \$450.00	<u>— В</u> <u>37 То 60</u> <u>-Months</u> \$415.00	USO(ATA11	
2. 1.536 Mbps ATM Circuit Emulation S	ervice						(T
(a) Per Unstructured Cust PRI over ATM	tomer Connection 59	5.00	250.00	225.00	225.00	ATAPR	! (N
(b) Per Unstructured Cus — Other TDM over ATM	stomer Connection 59	5.00	300.00	250.00	225.00	ATAQU	f (T
(c) Per Structured Custor	er Connection 59	5.00	500.00	4 50.00	4 25.00	ATAQS	, (T
3. ATM Service Using IMA							
(a) Per 3.072 Mbps Custo	mer Connection 32	5.00 (300.00	700.00	600.00	ATAG:	ş
(b) Per 4.608 Mbps Custo	mer Connection 32	5.00 10	00.00	900.00	800.00	ATAG4	4
(c) Per 6.144 Mbps Custo	mer Connection 32	5.00 1/	200.00	1100.00	1000.00	ATAGe	j
(d) Per 7.680 Mbps Custo	mer Connection 32	5.00 1 .	500.00	1300.00	1200.00	ATAG7	Ļ
(e) Per 9.216 Mbps Custo	mer Connection 32	5.00 1	00.00	1500.00	1400.00	ATAG)
(f) Per 10.752 Mbps Cust	omer Connection 32	5.00 22	200.00	1750.00	1600.00	ATAG2	ł
(g) Per 12.288 Mbps Cus	tomer Connection 32	5.00 2	500.00	2000.00	1800.00	ATAG1	F
1. ATM Subrate T3 Service ⁴							(N)
(a) Per 18 Mbps Custome	er Connection 1.22	5.00 - 2.4	00.00	1.900.00	1.700.00	ATATS	} (N)
(h) Per 24 Mbps Custome	er Connection 1,22	5.00 <u>2,</u>	600.00	2,000.00	1,800.00	ATAT4	I (N)
(c) Per 30 Mbps Custome	r Connection 1,22	5.00 3,0	00.00	2,300.00	2,100.00	ATATC) (N
(d) Per 36 Mbps Custome	r Connection 1,22	5.00 <u>3</u> ,	300.00	2,550.00	2,350.00	ATATe	j (N)
5. 44.210 Mbps ATM Service							(T)
(a) Per Customer Connect	ion 1,22	5.00 <u>3,</u>	500.00	2,800.00	2,550.00	ATA4	2
- 149.760 Mbps A1 M Service							(T)(M)
(a) Per Customer Connect	ion \$2,175.00	\$5,580.00	\$4,650	.00 \$	4,200.00	ATA7F	(M)
(b) Per Mile, or fraction th 	nereof^z -	140.00	132	.00	130.00	ATA7M	(M)(T) (T)(M)
(a) Per Customer Connect	ion 4,750.00	14,550.00	12,650	.00 1	1,500.00	ATA9F	(M)
(b) Per Mile, or faction the	ereof ² -	205.00	195	.00	190.00	ATA9M	(M)(T)
. ATM Subrate T3 Speed Change Charg	e						(N)
This nonrecurring charge applies per- another speed ATM Subrate T3 Custo Accordingly, the ATM Subrate T3 Sj A40.8.3.A.4. or 5. above for the new s	ATM Subrate T3 Customer C omer Connection or 2) to a 44. peed Change Charge applies in peed Customer Connection.	onnection ro 210 Mbps A 1 lieu of the	equested to TM Servic Nonrecur	be chang e Custon ring Char	ged to either ter Connectio ge specified	1) n. in	(N)
				Non	recurring		

(a) Per ATM	Subrate T3 Customer Connection Speed Change Request	\$500.00	ATATC	(N)
Note 1:	- Technical limitations associated with the provisioning of ATM Subrate	T3 Service are s	et forth	(N)

in A40.8.2.C.10.

Material appearing on this page previously appeared on page(s) 20.6.1 of this section.

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

 $(\mathbf{0})$

USOC

Charge

20.6 Second Revised Page 20.6

TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Second Revised Page 20.6 Cancels Second Revised Page 20.6 Cancels First Revised Page 20.6

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: November 30, 2001

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: December 17, 2001

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

Note 2: Mileage based upon the airline distance of the customer's Serving Area Point from the (T)(M)

Company Central Office where the ATM switch is located within that Network Serving Area. A Per Mile Charge does not apply if the ATM switch is located in the customer's serving wire center.

Material appearing on this page previously appeared on page(s) 20.6.1 of this section.

BELLSOUTH 20.6.0.1 Original Page 20.6.0.1

TELECOMMUNICATIONSTELECOMMUNICATIONS, INC. Cancels Original Page 20.6.0.1

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: April 14, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: April 29, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.3 Rates and Charges (Cont'd)

A. Customer Connection to ATM Service (Cont'd)

9. ATM Back-Up Capability:

44.210 Mbps Back-Up Customer Connection

			Month		<u></u> B		
		Nonrecurring	— To	12 to 36	37 to 60		
		Charge	Month	Months	Months	USOC	
	(a) Per Customer Connection	\$1225.00	\$2800.00	\$2240.00	\$2040.00	ATAB4	(N)
10.	ATM Back-Up Capability:						(N)
	149.760 Mbps Back Up Customer Connection						(N)
	(a) Per Customer Connection	2175.00	44 64.00	3720.00	3360.00	ATABC	(N)
	(b) Per Mile, or fraction thereof ⁴	-	112.00	106.00	- 104.00	ATABM	(N)
11.	- ATM Back-Up Capability:						(N)
	Primary Customer Connection Back Up Enablement/Cha	ange Charge					(N)
				Non	recurring		
					Charge	USOC	
	(a) Per Existing Primary Customer Connect	ion			\$125.00	ATABE	(N)

 Note 1:
 Mileage based upon the airline distance of the customer's Serving Area Point from the Company Central Office where the ATM switch is located within that Network Serving Area.
 (N)

 A Per Mile Charge does not apply if the ATM switch is located in the customer's serving wire center.
 Company Central Office where the ATM switch is located within that Network Serving Area.
 (N)

<u>(0)</u>

 (\mathbb{N})

(N)

Page 20.6.1First Revised Page 20.6.1 TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels First Revised Page 20.6.1 Cancels First Revised Page 20.6.1 Cancels Original Page 20.6.1

GENERAL SUBSCRIBER SERVICE TARIFF Second Revised Page 20.6.1 Second Revised

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: April 14, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: April 29, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.3 Rates and Charges (Cont'd)

B. PVC Feature Charges

1. Constant Bit Rate (CBR) Service Category

Nonrecurring To 12 To 36 37 To 60 Charge Month Months USOC- (a) PVC Segment Charge Per Segment \$ 79.00 \$ 5.00 \$ 5.00 \$ 5.00	Ŧ
Charge Months USOC- (a) PVC Segment Charge Per Segment \$ 79,00 \$ 5,00 \$ 5,00 \$ 5,00	Ŧ
(a) PVC Segment Charge Per Segment \$ 70.00 \$ 5.00 \$ 5.00 \$ 5.00 ATACS	Ŧ
(u) I ve beginent entaige, I et beginent i verste i verst	T)
(b) Per Megabit ⁴ Bandwidth Charge, Per - 40.00 40.00 40.00 ATACM	(-)
Segment	
$\frac{(c) - Per Increment of 64 Kbps^2}{2.60}$ - $\frac{2.60}{2.60}$ - $\frac{2.60}{2.60}$ - $\frac{2.60}{2.60}$	(T)
Bandwidth Charge, Per Segment	
2. Variable Bit Rate Real Time (VBR-RT) Service Category	
(a) PVC Segment Charge, Per Segment 70.00 5.00 5.00 5.00 ATAVS	
(b) Per Megabit ¹ Bandwidth Charge, Per - 40.00 40.00 40.00 ATAVM	(T)
Segment	
(c) Per Increment of 64 Kbps ² - 2.60 2.60 ATAVK	(T)
Bandwidth Charge, Per Segment	
3. Variable Bit Rate - Non-Real Time (VBR-NRT) Service Category	
(a) PVC. Segment Charge, Per Segment 70.00 5.00 5.00 5.00 ATANS	
(h) Per Megabit ¹ Bandwidth Charge. Per - 40.00 40.00 40.00 ATANM	(T)
Segment	
$\frac{(c)}{c}$ Per Increment of 64 Kbps ² - 2.60 2.60 ATANK	(T)
Bandwidth Charge, Per Segment	

Note 1: The Per Megabit Bandwidth Charge is applicable per PVC segment for PVCs with bandwidth greater than 1.536 Mbps.

Note 2: The Per Increment of 64 Kbps Bandwidth Charge is applicable per PVC segment for PVCs with bandwidth less than or equal to 1.536 Mbps.

<u>(O)</u>

(T)

Cancels First Revised Page 20.7 Cancels First Revised Page 20.7 Cancels Original Page 20.7

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: October 8, 1999

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: October 22, 1999 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.3 Rates and Charges (Cont'd)

B. PVC Feature Charges (Cont'd)

4. Unspecified Bit Rate (UBR) Service Category

			Month		B		
		Nonrecurring		12 To 36	37 To 60		
		Charge	Month	Months	Months	USOC-	
(a)		\$70.00	\$5.00	\$5.00	\$5.00	ATAUS	
Per	Customer Connection						
(b)	1.536 Mbps UBR Service Activation Charge	-	10.00	10.00	10.00	ATAA1	
(c)	- 3.072 Mbps UBR Service Activation Charge	-	20.00	20.00	20.00	ATAA3	(N)
(d)	-4.608 Mbps UBR Service Activation Charge	-	30.00	30.00	30.00	ATAAA	(N)
(e)	- 6.144 Mbps UBR Service Activation Charge	-	4 0.00	4 0.00	40.00	ATAA6	(N)
(f)	- 7.680 Mbps UBR Service Activation Charge	-	50.00	50.00	50.00	ATAAB	(N)
(g)	9.216 Mbps UBR Service Activation Charge	-	60.00	60.00	60.00	ATAAC	(N)
(h)	-10.752 Mbps UBR Service Activation Charge	-	70.00	70.00	70.00	ATAAD	(N)
(i)	12.288 Mbps UBR Service Activation Charge	-	80.00	80.00	80.00	ATAAE	(N)
(i)	-44.210 Mbps UBR Service Activation Charge	-	250.00	250.00	250.00	ATAA4	(T)
(k)	-149.760 Mbps UBR Service Activation Charge	-	500.00	500.00	500.00	ATAA7	(T)
<u>(1)</u>	- 599.040 Mbps UBR Service Activation Charge	-	1,000.00	1,000.00	1,000.00	ATAA9	(T)
	1						

C. Inter-Network Serving Area Link PVC Feature Charges

1. Inter-Network Serving Area Link PVC Establishment Charge,

Per End of Link, Per PVC

		Charge			USOC-		
(a) Per establishment			\$35.00		ATALE		
2. CBR PVC Bandwidth Charge, Per PVC							
		Month		B —			
	Nonrecurring –		12 To 36	37 To 60			
	Charge	Month	Months	Months	USOC		
(a) Per Megabit ¹ Per End of Link, or	-	\$40.00	\$40.00	\$40.00	ATAJM		
(b) Per Increment of 64 Kbps ² Per End of Link	-	2.60	2.60	2.60	ATAJK		
3. VBR RT PVC Bandwidth Charge, Per PVC							
(a) Per Megabit ¹ Per End of Link, or	-	40.00	40.00	40.00	ATAKM		
(b) Per Increment of 64 Kbps ² , Per End of Link	-	2.60	2.60	2.60	ATAKK		
4. VBR-NRT PVC Bandwidth Charge, Per PVC							
(a) Per Megabit ¹ Per End of Link, or	-	40.00	40.00	4 0.00	ATAMM		
(b) Per Increment of 64 Kbps ² , Per End of Link	-	2.60	2.60	2.60	ATAMK		
5. UBR PVC Service Activation Charge, Per PVC							
(a) Per End of Link	-	40.00	40.00	40.00	ATAEA		

Note 1: The Per Megabit Bandwidth Charge is applicable per End of Link for PVCs with bandwidth greater than 1.536 Mbps.

Note 2: The Per Increment of 64 Kbps Bandwidth Charge is applicable per End of Link for PVCs with bandwidth less than or equal to 1.536 Mbps.

Material previously appearing on this page now appears on page(s) 20.7.1 of this section.

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

(M)

<u>(O)</u>

Cancels First Revised Page 20.7 Cancels First Revised Page 20.7 Cancels Original Page 20.7

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: October 8, 1999

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: October 22, 1999 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FL

Miami, Florida

Material previously appearing on this page now appears on page(s) 20.7.1 of this section.

BELLSOUTH GENERAL SUBSCRIBER SERVICE TARII <u>20.7.1Original Page 20.7.1</u> TELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Original Page 20.7.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: October 8, 1999

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: October 22, 1999 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

A40.8.3 Rates and Charges (Cont'd)

D. SVC Feature Charges

-1. SVC Service Activation Charge

	2	(a) — Per Customer Connection (any speed) SVC Bundles (Increment of 5 SVCs)	Nonrecurring Charge \$35.00	Month — To Month	— <u>A</u> 12 To 36 - Months -	—B 37 To 60 Months -	USOC ATASA	(N)
	3.	(a) Per Bundle, Per Customer Connection SVC Bandwidth Per Customer Connection Activated for SVCs	30.00	5.00	5.00	5.00	ATASS	(N)
		(a) Per Megabit ¹ Bandwidth Charge, or	-	40.00	40.00	40.00	ATASM	(N)
	4.	(b) Per Increment of 64 Kbps ² Bandwidth Charge SVC Closed User Group (CUG)	-	2.60	2.60	2.60	ATASK	(N)
		(a) Per Group	\$20.00	-	-	-	ATASG	(N)
		(b) Per Entry	20.00	-	-	-	ATASE	(N)
E.	Feat	ure Change Charge					(H	vI)(T)
	1.	-Per Occurrence	75.00	-	-	-	ATAFC	(M)

 Note 1:
 The Per Megabit Bandwidth Charge is applicable per Customer Connection activated for SVCs
 (N)

 with a total bandwidth requirement greater than 1.536 Mbps.
 (N)

 Note 2:
 The Per Increment of 64 Kbps Bandwidth Charge is applicable per Customer Connection
 (N)

 activated for SVCs with a total bandwidth requirement_less than or equal to 1.536 Mbps.
 (N)

Material appearing on this page previously appeared on page(s) 20.7 of this section.

(0)

 (\mathbb{N})

 (\mathbb{N})

TELECOMMUNICATIONS TELECOMMUNICATIONS, INC. **FLORIDA**

ISSUED: September 16, 2011 ISSUED: March 15, 2004

BY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

BELLSOUTH

2082

EFFECTIVE: September 19, 2011 EFFECTIVE: March 30, 2004

Cancels Second Revised Page 20.8.2 Cancels First Revised Page 20.8.2

A40. FAST PACKET TRANSPORT SERVICES A40.9 Miscellaneous Charges For Fast Packet Transport Services (Cont'd)

A40.9.4 Cancellation Charges (Cont'd)

- **B.** (Cont'd)
 - 4. (Cont'd)
 - When a customer cancels a service order, or part of a service order, before the service date, the Company will apply d. cancellation charges to the order. Cancellation charges are calculated by multiplying all the nonrecurring charges associated with the order, or that part of the order being cancelled, by the percentage shown in e. following for the critical date last completed on the order.
 - Cancellation Charge Percentages e.

TYPE SERVICE/										
CRITICAL	AFTER: SID	LAM	EIRD	RID	DVA	WOT	FCD	PTD	DD	
DATES	BEFORE: LAM	EIRD	RID	DVA	WOT	FCD	PTD	DD		
Frame Relay Services ¹ :										<u>(C)</u>
-56 Kbps or 64 Kbps	64.5	64.5	67.7	67.7	74.2	83.5	91.1	98.2	100.0	
-Any Fractional T1	58.8	58.8	63.8	63.8	69.5	86.0	92.6	98.9	100.0	
-Any Subrate T1 or 1.536 Mbps	64.7	64.7	69.0	69.0	75.6	83.4	91.0	98.2	100.0	
-Any Subrate T3 or 44.210 Mbps	60.5	60.5	63.7	63.7	68.6	87.7	93.4	98.7	100.0	
Broadband Line Services:										
-56 Kbps, 64 Kbps or 128 Kbps	28.7	28.9	28.9	28.9	28.9	28.9	28.9	100.0	100.0	
-1.536 Mbps	26.4	29.6	29.6	29.6	29.6	29.6	29.6	100.0	100.0	
-44.210 Mbps, 149.760 Mbps	36.8	36.8	36.8	36.8	36.8	36.8	36.8	100.0	100.0	
or 599.040 Mbps										
ATM Services ¹ :										<u>(C)</u>
-Any 1.536 Mbps	64.7	64.7	69.0	69.0	75.6	83.4	91.0	98.2	100.0	
-Any IMA, Any Subrate T3 or 44.210	Mbps 60.5	60.5	63.7	63.7	68.6	87.7	93.4	98.7	100.0	
-149.760 Mbps or 599.040 Mbps	62.9	62.9	66.3	66.3	71.3	87.2	93.1	98.6	100.0	
BellSouth Metro Ethernet Service:										(N)
-Any Connection	44.3	44.3	49.3	49.3	59.5	81.4	89.8	100.0	100.0	(N)

- C. When a customer cancels an order for the discontinuance of service no charges apply for the cancellation.
- D. If the Company misses a service date by more than 30 days due to circumstances over which it has direct control (excluding, e.g., acts of God, governmental requirements, work stoppages and civil commotions), the customer may cancel the service order without incurring cancellation charges.

Effective September 19, 2011, Frame Relay Services and ATM Services are Obsoleted (See Note 1: (N) Section A140).

ed by BellSouth Intellectual Prop of this Tariff an All RollS
<u>52</u>FIRST REVISED Flag: 52 TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels First Revised Page 32 Cancels First Revised Page 32 Cancels Original Page 32

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 20, 2008

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: June 23, 2008 BY: Marshall M. Criser III, President -FL

Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.12 Customer Network Management (Obsoleted, See Section A140)

A40.12.1 General

- A. Customer Network Management (CNM) is available on an optional basis as a feature of Frame Relay Service and Asynchronous Transfer Mode (ATM) Service.
- **B.** The CNM option provides customers a view into their BellSouth Fast Packet network for monitoring and trouble shooting purposes.
- C. The CNM platform supports hierarchical customer names. For example, a customer defines an overall network name (usually the customer name) and then may choose to establish multiple sub-network names. A maximum of five hierarchical tiers are available (the overall network plus four sub-network tiers).
- D. Access to CNM is via a Web interface. A dial or dedicated method available in Section A32., Integration Plus Management Services, may also be used to access CNM. Switched service and private line service used as a means of accessing FlexServ service has been obsoleted (see Section A132). For security reasons, customers are required to identify themselves via a username and password. The username and password are assigned at the time the account is established. Following is a description and requirements for each type of access:
 - 1. Web Interface This interface allows customers to access CNM via the Web using a standard Web browser. type of a.
 - a. (Obsoleted, See Section A132)
 - 2. (Obsoleted, See Section A132)
 - 3. (Obsoleted, See Section A132)
- E. CNM is offered in packages which provide the following CNM options: Fault Management, On Demand Statistics and Performance Reporting.
 - 1. Fault Management

The Fault Management option provides the ability to monitor fault and alarm information as network events occur. If a BellSouth network event results in automatic rerouting of customer owned PVCs on a Customer Connection within the BellSouth Fast Packet network, such that those PVCs are not service impacted, then BellSouth will not send PVC events to the customer. The following Fault Management features are available on a customer and sub-network basis:

- BellSouth will provide to the customer, in near real time, all events, faults, and network alarms on any Customer Connection or PVC.
- The customer can determine the severity level of alarms displayed and suppress the alarms they do not wish to view.

BELLSOUTH 33Original Page 33

TELECOMMUNICATIONSTELECOMMUNICATIONS, INC. Cancels Original Page 33

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: December 6, 2002

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: December 21, 2002 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.12 Customer Network Management (Cont'd) (Obsoleted, See Section A140)

A40.12.1 General (Cont'd)

E. (Cont'd)

- 2. On Demand Statistics
 - CNM provides customers statistics for each Customer Connection and PVC on a customer and sub-network basis.
- 3. Performance Reporting (PR)

CNM PR provides BellSouth Frame Relay and/or ATM Service customers network performance reports on their BellSouth Fast Packet network. Customers have the capability of requesting performance reports for interfaces. (Interfaces are defined as customer connections and PVCs). CNM PR provides a measure of the level of network performance of a customer's network and individual interfaces that is called the Network Performance Level. The Network Performance Level components include Incoming Utilization, Outgoing Utilization, Discarded Frames/Cells and Congestion. The Network Performance Level is used in several reports to provide a weighted performance measure taking into account all the performance parameters mentioned above.

Historical Performance reports will baseline historic network performance, trend future performance and highlight network performance problems. The following selection of reports is available:

- Network Summary Report Provides an overview of the customer's network performance in terms of Total Frames/Cells Transmitted and Received, Percent Total Utilization, Total Frames/Cells Discarded, and Percent Frames/Cells Discarded of Total Frames/Cells Transmitted and Received.
- b. Forecast Report Provides the network interfaces that are projected to exceed customer specific thresholds of Utilization and Congestion.
- c. Network Interface Performance Report Provides the Network Performance Level on a customer selectable interface (customer connection or PVC).
- d. Capacity Planning Report Provides the top ten over-utilized and top ten under utilized interfaces.
- e. Threshold Exceptions Report Provides a daily report on the top ten interfaces that exceed a customer selectable threshold parameter. These parameters are Input Utilization, Output Utilization, Incoming Congestion, Outgoing Congestion, In Discards, and Out Discards.
- f. Top Ten Report Provides a daily report of the top ten interfaces with the highest volumes and the worst Network Performance Level. It also specifies the top ten interfaces with the greatest change in both volume and Network Performance Level.
- F. The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this and other Tariffs of the Company.
- G. The rates and charges set forth for CNM provide for the furnishing of service where suitable facilities are available.
- H. CNM is only available for use with Frame Relay Service described in A40.1 preceding and ATM service described in A40.8 preceding.

<u>(O)</u>

A40. FAST PACKET TRANSPORT SERVICES

A40.12 Customer Network Management (Cont'd) (Obsoleted, See Section A140)

<u>(0)</u>

A40.12.2 Regulations

A. Basis of Offering

1. Suspension of service is not allowed.

2. CNM is not available on Back-Up Customer Connections nor Intelligent PVCs.

- 3. A customer may subscribe to CNM on a monthly basis. An account is established which will include the Customer Connections designated by the customer to have CNM capability. Customers may choose to subscribe to CNM for all Customer Connections in their BellSouth Fast Packet network or choose CNM for only a portion.
- 4. Obligations of Customer and Company
 - a. The Company is not responsible for the installation, operation, or maintenance of any equipment provided by the customer.
 - b. The customer is responsible for the provision and maintenance of all Customer Provided (CPE) and to ensure that the operating characteristics of this equipment are compatible with and do not interfere with the service offered by the Company.
 - e. Application testing described in A2.5.11 of this Tariff is not available for CNM.
- 5. In order to maintain the quality of CNM, the Company reserves the right to perform preventive maintenance and software updates. This could result in CNM being unavailable during the time period between midnight and 3:00 A.M. Eastern Time on any given Sunday morning. In addition, preventive maintenance may be performed on the Frame Relay or ATM network being monitored by CNM on any given Wednesday or Sunday between 2:00 A.M. and 4:00 A.M. Eastern Time. CNM will be unable to view these circuits while preventive maintenance is being performed. However, the Company only expects to utilize this maintenance window for any given switch on the average of once a quarter. In addition, the Company will make every reasonable effort to provide advance notice to those customers likely to be severely affected by such maintenance work.
- 6. The minimum service period is one month.
- B. Provision of Service
 - CNM is available in three packages Gold, Silver or Bronze. All Customer Connections within a customer's account must be under the same package. If a customer desires to have multiple packages, a separate account must be established for each package type. Following is a description of what is available in each package:
 - The Gold Package includes all CNM options; Fault Management, On Demand Statistics and Performance Reporting.

BELLSOUTH 35Original Page 35

TELECOMMUNICATIONSTELECOMMUNICATIONS, INC. Cancels Original Page 35

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: December 6, 2002

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: December 21, 2002 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.12 Customer Network Management (Cont'd) (Obsoleted, See Section A140)

A40.12.2 Regulations (Cont'd)

B. Provision of Service (Cont'd)

. Customers who subscribe to CNM may choose to monitor their entire BellSouth Fast Packet network or selected Customer Connections. The following rates and charges are applicable for customers who subscribe to CNM:

a. Service Establishment Charge

The Service Establishment Charge is a nonrecurring charge which applies per Frame Relay or ATM customer account. If a customer is both a Frame Relay and ATM customer, only one Service Establishment Charge will apply. This charge covers the initial establishment and set up of the CNM account for the customer. A username(s) and password(s) will be assigned for use by the customer in accessing their account. At the time the account is established, a customer may also choose to establish sub accounts.

b. Reporting Packages Gold, Silver, Bronze

A monthly charge applies for each Customer Connection the customer has chosen to monitor. A nonrecurring charge is applicable per Customer Connection at the time of installation.

e. Subsequent Modification Charge

The Subsequent Modification Charge is a nonrecurring charge which applies per Customer Connection when a CNM customer requests that existing CNM Customer Connections, or PVC's on the Customer Connection, be modified. Examples of this charge include change of customer name and movement between packages. This charge is not applicable:

when a new PVC is added to an existing CNM Customer Connection and CNM is requested for the new PVC, or

for a request to change a password.

d. Management Access Interface

All customers must have a Management Access Interface. This connection allows the customer to monitor their network. A monthly charge applies for each Web Interface. A nonrecurring charge is applicable per web access at the time of installation. A Security Card described below is required for each web access. See A32.1.2 for a dial or dedicated access option.

 Security Card — The Security Card charge specified in A40.12.3.B following will apply for the initial card or for the issuance of additional cards for additional users or to replace a lost, damaged or expired card.

C. Contract Plans

 Contract plans are available under conditions specified in the Fast Packet Services Payment Plan in A40.10 of this Tariff with contract periods described as follows:

a. Term Payment Plan A - payment periods may be selected from 12 to 36 months.

b. Term Payment Plan B - payment periods may be selected from 37 to 60 months.

<u>(O)</u>

EFFECTIVE: September 19, 2011

A40. FAST PACKET TRANSPORT SERVICES

A40.12 Customer Network Management (Cont'd) (Obsoleted, See Section A140)

A40.12.3 Rates and Charges

A. CNM - Performance Reporting

1. CNM Service Establishment Charge

			1	Nonrecurring		
				Charge		USOC
	(a) Per Customer			\$250.00		CNMSE
2. Gold F	Reporting ¹					
			Month	A	— B	
		Nonrecurring		12 to 36	37 to 60	
		Charge	Month	Months	Months	USOC
	(a) Per Frame Relay Service Cu	stomer \$95.00	0.00	0.00	0.00	CNMGF
	Connection					
	(b) Per ATM Service Customer	95.00	0.00	0.00	0.00	CNMGA
	Connection					
3 Silver	Reporting ²					
5. Silver			0.00	0.00	0.00	CNIMEE
	(a) Per Frame Kelay Service Cu	stomer 90.00	0.00	0.00	0.00	CININSP
	Connection	00.00	0.00	0.00	0.00	
	(b) Per ATM Service Customer	90.00	0.00	0.00	0.00	CNMSA
	Connection					
4. Bronze	- Reporting [*]					
	(a) Per Frame Relay Service Cu	stomer 85.00	0.00	0.00	0.00	CNMBF
	Connection					
	(b) Per ATM Service Customer	85.00	0.00	0.00	0.00	CNMBA
	Connection					
5. Subsec	uent Modification Charge					
	- C			Nonrocurring		
				Charge		USOC
	(a) Par Customer Connection			\$75.00		CNMSM
Managaman	t Access Interface ⁴			φ15.00		CIUIDIU
-wianagemen						
1. Web li	nterface					
			Month	— A	<u></u> B	
		Nonrecurring	Тө	12 to 36	37 to 60	
		Charge	Month	Months	Months	USOC
	(a) Each	\$ 125.00	\$25.00	\$18.75	\$15.00	CNMWE
2. Securit	t y Card					
		Nonnorming				
		Nonrecurring				USOC
		tion on				USUC
	(a) Each	\$100.00				CNMSC
	Note 1: Includes Fault Ma	nagement, On Demand Sta	itistics and Pe	rformance Rep	orts.	
	Note 2: Includes Fault Ma	nagement and On Demand	Statistics.			
	Note 3. Includes only Faul	t Managamant				
	HOLE 3: HICHIGES ONLY FAU	н манаденен.				

Note 4: See A32.1.2 for a dial or dedicated access option.

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

All BellSouth marks contained herein and as set forth in the trademarks and servicemarks section of this Tariff are owned by BellSouth Intellectual Property Corporation.

<u>(O)</u>

<u>+Seventh Revised Page 1</u> TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Seventh Revised Page 1Cancels Seventh Revised Page 1Cancels Sixth Revised Page 1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: January 28, 2011

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: January 31, 2011

BY: Marshall M. Criser III, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

CONTENTS

A140.1	Reserved For Future Use Frame Relay Service	1
<u>A140.1.</u>	General	1
<u>A140.1.</u>	2 Regulations	1.1
<u>A140.1.</u>	3 Rates and Charges	1.13
A140.2	Reserved For Future Use	+ <u>1.20</u>
A140.3	Native Mode LAN Interconnection (NMLI) Service	+ <u>1.20</u>
A140.3.	General	4 <u>1.20</u>
A140.3.	2 Regulations	<u> 21.20</u>
A140.3.	3 Rates and Charges	2.5<u>5.1</u>
A140.4	Reserved For Future Use	5.1
A140.5	Broadband Line Service	6
A140.5.	General	6
A140.5.	2 Regulations	6
A140.5.	3 Rates and Charges	6
A140.6	Reserved For Future Use	6
A140.7	Reserved For Future Use	6
A140.8	Reserved For Future UseAsynchronous Transfer Mode (ATM) S	Service ₆
<u>A140.8.</u>	General	6.1
<u>A140.8.</u>	2 Regulations	6.2
<u>A140.8.</u>	3 Rates and Charges	6.21
A140.9	Reserved For Future Use	6 <u>6.26</u>
A140.10	Reserved For Future Use	6 <u>6.26</u>
A140.11	BellSouth Video Conferencing Service	6 <u>6.26</u>
A140.11	.1 General	<u>66.26</u>
A140.11	.2 Regulations	7
A140.11	.3 Rates and Charges	10
A140.12	Reserved For Future UseCustomer Network Management	12
<u>A140.12</u>	.1 General	12
<u>A140.12</u>	.2 Regulations	14
<u>A140.12</u>	.3 Rates and Charges	16
A140.13	BellSouth Metro Ethernet Service (Dedicated Arrangements)	12<u>17</u>
A140.13	.1 General	12<u>17</u>
A140.13		
	.2 Regulations	$\frac{1217}{12}$

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES

40.	1 Reserved For Future Use Frame Relay Service	<u>(T)(O)</u>
Obsc	leted 9/19/2011, Type B – Not available for new installations, additions or on transfers of service to new location.)	<u>(N)</u>
.140	.1.1 General	<u>(T)(O)</u>
A.	Frame Relay Service is a connection-oriented data transport service based on packet switching technology.	<u>(O</u>)
<u>B.</u>	Frame Relay Service provides flexible connectivity using Permanent Virtual Circuits (PVCs) implemented over digital facilities operating at transmission speeds of 56 Kbps, 64 Kbps, 128 Kbps, 1.536 Mbps, or 44.210 Mbps.	<u>(O)</u>
<u>C.</u>	Network interface specifications for Frame Relay Service are contained in the following documents:	<u>(O)</u>
	- ANSI T1.617-1991, "Integrated Services Digital Network (ISDN) - Digital Subscriber Signaling System No. 1 (DSS1)	
	- Signaling Specification for Frame Relay Service", American National Standards Institute, April 1991 and ANSI T1.618-1991, "Integrated Services Digital Network (ISDN) - Core Aspects of Frame Relay Protocol for use with Frame Relay Bearer Service", American National Standards Institute, April 1991. Both of these documents may be ordered from:	
	American National Standards Institute <u>Customer Service</u> <u>11 West 42nd Street</u> <u>New York, New York 10036</u>	<u>(O)</u>
	- Document No. 001-208966, "Frame Relay Specification with Extension Based on Proposed T1S1 Standards", Revision 1.0, Digital Equipment Corporation, Northern Telcom, Inc., and StrataCom, Inc., September 1990. This document may be ordered from:	<u>(O)</u>
	Frame Relay Forum <u>39355 California Street</u> <u>Suite 307</u> Freemont, CA 94538-1447	<u>(O)</u>
	- TR-73587 Frame Relay Service Interface and Performance Specifications. This document may be ordered from:	<u>(O)</u>
	BellSouth Telecommunications, Inc. Regional Documentation Coordinator	<u>(O)</u>
	600 North 19th Street Birmingham, AL 35203	
<u>D.</u>	Frame Relay Service, as provided for in this Tariff section, is offered for intraLATA use only.	<u>(T)(O)</u>
<u>E.</u>	The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this and other Tariffs <i>Guidebooks</i> of the Company.	<u>(T)(O)</u>
<u>F.</u>	The rates and charges set forth for Frame Relay Service provide for the furnishing of service where suitable facilities are available.	<u>(O)</u>
<u>G.</u>	Frame Relay Service is only available when provided in conjunction with Broadband Line Service. Specifications for Broadband Line Service are contained in A40.5 of this Tariff.	<u>(T)(O)</u>
		(M)

A140.2 Reserved For Future Use

A140.3 Native Mode LAN Interconnection (NMLI) Service

	(Obsoleted 3/30/2004, Type 2. This service is not available for new installations on and after the specified obsolete date.)	(N)
A140	.3.1 General	(O)(T)
A.	Native Mode LAN Interconnection (NMLI) service is a high-speed (10, 100 or 1000 Mbps) fiber optic transport service for the	(O)
	interconnection of customer owned Local Area Networks (LANs) and other high speed data devices.	
B.	NMLI service provides a means of basic LAN extension for customer owned Ethernet (IEEE Standard 802.3, 802.3u and	(O)

802.3z) LANs. A customer with multiple LANs in an area served by NMLI service may interconnect these LANs through NMLI service.

Material previously appearing on this page now appears on page(s) 1.20 of this section. Material previously appearing on this page now appears on page(s) 3 and 5.1 of this section.

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

All BellSouth marks contained herein and as set forth in the trademarks and servicemarks section of this Tariff are owned by BellSouth Intellectual Property Corporation.

EFFECTIVE: September 19, 2011

TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

BELLSOUTH

C.	The signals at the NMLI Port meet IEEE 802.3, 802.3u or IEEE 802.5 standards. Technical requirements for interfaces with customer premises equipment (CPE) are contained in ANSI/IEEE 802.3 1992, "Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications". These technical documents may be ordered from:	(0)
	American National Standards Institute 11 West 42nd Street New York, New York 10036	
D.		(0)
E.	- NMLI service, as provided under the provisions of this tariff section, is offered for intraLATA use only.	(O)
F.	The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this and other tariffs of the Company.	(O)
G.	The rates and charges set forth for NMLI service provide for the furnishing of service where suitable facilities are available. Where special construction of facilities is necessary, special construction charges may apply as set forth in Section A5 of this Tariff.	(O)
H.	- NMLI service is only available in certain metropolitan areas. In locations where NMLI service is not available under tariff, NMLI service may be obtained via special service arrangement.	(0)
A14().3.2 Regulations	(O)(T)
A.	Explanation of Terms	(O)
	1. Customer End Bridge Management	(O)
	Customer End Bridge Management provides NMLI customers the ability to manage their Ethernet LANs by allowing them access to their end bridge devices in order to monitor and receive status reports of their network. Customer End Bridge Management is based on the Simple Network Management Protocol (SNMP), an Internet network management protocol, which is a widely accepted, message based protocol for the exchange of management information between a management station and managed devices.	(O)
	2. Ethernet LAN	(O)
	A type of Local Area Network (LAN). Ethernet is based on technology where a workstation on the LAN sends a message to another workstation on the LAN and "listens" to determine if any other station is sending. If another station begins sending at the same time, all stations back off and wait a pre-set delay before attempting to send again. Ethernet service utilizes IEEE Standard 802.3.	(0)

Material previously appearing on this page now appears on page(s) 1.20 of this section. Material previously appearing on this page now appears on page(s) 3 and 5.1 of this section.

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies. All BellSouth marks contained herein an

arks section of this Tariff are owned by BellSouth Intellectual Property t forth in the trader Corporation.

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC. Cancels Sixth Revised Page 2

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A<u>1</u>40.1 Frame Relay Service (Cont'd)

A140.1.2 Regulations

- A. Explanation of Terms
 - 1. Customer Connection to Frame Relay Service

The Customer Connection provides the customer with the standard interface to the Frame Relay Service network. This interface receives the data frame from the customer's network or device and verifies that the DLCI is valid before relaying the frame to the destination. Included in the Customer Connection are the customer's termination on the Frame Relay Service switching equipment, the transport from the Serving Area Point to the switching equipment, and the first DLCI. These interfaces connect the Frame Relay Service network with digital facilities operating at transmission speeds of 56 Kbps, 64 Kbps, 128 Kbps, 1.536 Mbps, or 44.210 Mbps.

2. Frame Relay Service Network Serving Area

Certain Company Central Offices are designated by the Company as Serving Area Points for the Frame Relay Service Network Serving Area. A customer accessing the Frame Relay Service network, whose Serving Wire Center is designated a Serving Area Point, requires a Broadband Line-Fast Packet Option (FPO) as described in A40.5-of this Tariff. A Frame Relay Service customer, whose Serving Wire Center is not designated a Serving Area Point, will use a Broadband Line-FPO to the Wire Center, as well as, the Broadband Line Extension-FPO (also described in A40.5) to gain access to the closest designated Serving Area Point.

3. Permanent Virtual Circuit (PVC)

A PVC is a software defined data path transporting data within the Frame Relay Service network between two Customer Connections. This data path, once defined in the network software, does not have to be established again. PVCs are end-to-end, bi-directional channels that are established via the service provisioning process. A Standard PVC is created via the mapping of two Standard DLCIs; on an optional basis features are available to allow the creation of Priority Voice, Priority Data, Intelligent and MultiCast PVCs.

a. Priority PVC

Priority PVC capability allows a customer to differentiate specific PVCs with regard to the importance of the data within those PVCs as compared to other PVCs. In the case of contention or network congestion, the Frame Relay Service network will give precedence to the frames of a Priority PVC over frames of a Standard PVC. Frame Relay Service allows the creation of Priority Voice PVCs and Priority Data PVCs. Such a Priority PVC is formed by the mapping of Priority Voice or Priority Data DLCIs¹ (as set forth in A<u>1</u>40.1.3.C.1.b or c) to Priority Voice and Priority Data DLCIs; these Priority DLCIs must have an associated CIR value of greater than zero.

b. Intelligent PVC

Intelligent PVC capability allows automatic rerouting on a per PVC basis within the Frame Relay Service network. The Intelligent PVC feature is associated with a customer-specified three DLCI PVC. With the Intelligent PVC feature, a PVC is established between an originating DLCI (referred to as the pivot endpoint) and a primary terminating DLCI (referred to as the primary endpoint). Frames from the originating DLCI (pivot endpoint) will automatically be rerouted to a secondary terminating DLCI (referred to as the secondary endpoint) if the Frame Relay switch detects trouble associated with the primary terminating DLCI (primary endpoint). After such rerouting, the Frame Relay switch will continue to monitor the signals from the primary endpoint and when the trouble is cleared, will automatically reroute the frames going to the secondary endpoint back to the primary endpoint. The BellSouth document TR-73587 provides more detailed technical information on how Intelligent PVC capability is provided.

c. MultiCast PVC

MultiCast PVC capability allows a customer to establish a one-to-many broadcasting PVC that distributes data simultaneously from a host site to a group of predetermined remote sites (called a MultiCast PVC Group). Transmission on a MultiCast PVC is unidirectional (from the host to the remotes in each MultiCast PVC Group). All sites in a MultiCast PVC Group will be able to simultaneously receive a single packet transmission transmitted from the host; upon transmission from the host, the Frame Relay network replicates and distributes the packets to the various remote sites identified as members of the MultiCast PVC Group. A MultiCast PVC may be established as a Standard MultiCast PVC or as a Priority MultiCast PVC (refer to description of Priority PVC capability discussed in A<u>1</u>40.1.2.A.3.a preceding).

<u>(O)</u>

(T)(O)

(T)(O)

<u>(O)</u>

 $(\mathbf{0})$

 $(\mathbf{0})$

(T)(O)

<u>(0)</u> (0)

<u>(O)</u>

<u>(T)(O)</u>

(<u>O</u>) (O)

(<u>O)</u> (T)(O)

<u>(O)</u>

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC. Cancels Sixth Revised Page 2

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

Note 1: PVCs are bi-directional unless specified otherwise (e.g., a MultiCast PVC is uni-directional).

GENERAL SUBSCRIBER SERVICE TARIFF Original Page 1.2 Original Page 1.2 For	urth
2.1 UNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS INC	
<u>ONICATIONS I BLECOMMUNICATIONS I BLECOMMUNICATIONS, INC.</u> Cancels Third Revised Page 2.1	
Cultors Third Rothsed Tuge 2.1	
ember 16, 2011 ISSUED: September 16, 2011ISSUED: June 25, 2003 EFFECTIVE: September 19, 2011 EFFECTIVE: September 19, 2011 EFFECTIVE: July 10, 2003	
M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL	
orida D. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES	
ame Relay Service (Cont'd)	<u>(T)(O)</u>
Regulations (Cont'd)	<u>(O)(T)</u>
planation of Terms (Cont'd)	
Data Link Connection Identifier	<u>(O)</u>
The Frame Relay standard specifies an address field called the Data Link Connection Identifier (DLCI). The DLCI specifies a connection. When any two DLCIs are mapped together, a PVC can be created. When three DLCIs are associated together, an Intelligent PVC can be formed. A DLCI which is not a Priority DLCI (as specified in A <u>1</u> 40.1.2.A.3.a. preceding) is referred to as a Standard DLCI.	<u>(T)(O)</u>
Committed Information Rate (CIR)	<u>(O)</u>
Committed Information Rate is a feature that enables the customer to select a sustained throughput under normal conditions. A CIR must be selected for each DLCI. A CIR selected with a value greater than zero has a separate charge from any DLCI charges. Frames submitted at a rate above the subscribed CIR will be marked "discard eligible" (DE) and, should network congestion occur, are subject to being dropped by the network. If CIR is set equal to zero, then all frames will be marked DE. However, in the absence of network congestion, DE marked frames will be transported with the same reliability as frames not marked DE within a single, Company Frame Relay Switch. The CIR value selected cannot exceed the minimum transmission speed of the link at either end of the PVC.	<u>(O)</u>
The CIR value of Priority Voice DLCIs and Priority Data DLCIs must be greater than zero.	
Feature Change Charge	<u>(O)</u>
In addition to any specific optional feature charges, a Feature Change Charge applies whenever a change is made (at the customer's request) to a single optional feature for a single customer within a single network configuration on a single switch within a single jurisdiction. One Feature Change Charge will apply per service order required to perform the work.	<u>(O)</u>
A Feature Change Charge is applicable if the "first" DLCI, the one included with the Customer Connection, is modified.	<u>(O)</u>
Serving Area Point (SAP)	<u>(O)</u>
A Company Central Office that is designated as a member of the Frame Relay Service Network Serving Area. (See the definition of Frame Relay Service Network Serving Area preceding.)	<u>(T)(O)</u>
Back-Up Capability	<u>(O)</u>
Back-Up Capability is available on an optional basis and provides the customer with the ability to have a back-up logical port configured to his service needs in the event that the customer's primary connection is disabled. A Back-Up Customer Connection utilizes a Broadband Line (with Broadband Line Extension Service, as appropriate). Both the Back-Up Customer Connection and its associated Broadband Line Service are specifically dedicated to providing back-up service and remain idle except when being utilized for back-up purposes.	<u>(O)</u>
The customer must prearrange with the Company which primary Customer Connections(s) may be directed to a specific Back-Up Customer Connection so that the necessary work is done by the Company which is required prior to back-up capability being possible. A Customer Connection so identified which may be redirected in the event of a failure is referred to as a back-up enabled primary Customer Connection, or referred to herein as simply the primary Customer Connection and both must be the same type of interface (i.e., both configured as either NNI or UNI interfaces). A primary Customer Connection may have only one Back-Up Customer Connection identified Back-Up Customer Connection. A primary Customer Connection may have only one Back-Up Customer Connection identified. A Back-Up Customer Connection may serve as the back-up for more than one primary Customer Connection; however, a Back-Up Customer Connection may only be actively in use with one primary Customer Connection at a given time.	
	 GENERAL SUBSCRIBER SERVICE TARIF Original Page 1. 20trianal Page 1. 20triana

(T)(O)

(<u>T)(O</u>)

<u>(O)</u>

(0**)**

 $(\mathbf{0})$

 $(\mathbf{0})$

(O)

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC. Cancels Original Page 2.2

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: April 14, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: April 29, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A<u>1</u>40.1 Frame Relay Service (Cont'd)

A140.1.2 Regulations (Cont'd)

- A. Explanation of Terms (Cont'd)
 - 8. Back-Up Capability (Cont'd)

The Back-Up Customer Connection is manually activated by the Company when the customer requests service from a primary Customer Connection to be redirected to its pre-identified Back-Up Customer Connection. All DLCIs associated with the primary *C*ustomer Connection are rerouted to the Back-Up Customer Connection¹. It is strongly recommended that the size of the Back-Up Customer Connection be the same size as the customer's largest primary Customer Connection.

In the event that the customer chooses to utilize a Back-Up Customer Connection which is of a lower speed than the primary Customer Connection, the Company cannot guarantee the sufficiency of the Back-Up Customer Connection to protect the customer's primary data. There exists the realistic possibility that due to the lower amount of physical bandwidth on the Back-Up Customer Connection in such cases, that not all of the customer's DLCIs will be provisioned to the Back-Up Customer Connection. Network congestion may be encountered which may result in packets of data being discarded or entire locations without access to Back-Up Capability.

A Back-Up Customer Connection is not eligible for Network Service Level Agreements (SLAs) specified in B.6. (T)(O) following.

9.	Oversubscription	<u>(O)</u>		
	A customer may establish multiple PVCs on a Frame Relay Service Customer Connection with a total CIR greater than the Frame Relay Service Customer Connection speed. This is called oversubscription. This allows the customer to take advantage of the fact that not all of these PVCs will be active simultaneously. However, the network's apparent performance will be degraded if the customer attempts to make use of this overbooked commitment (or oversubscription) beyond the capacity of the Frame Relay Service Customer Connection. In the worst case, attempts to fully utilize such overbooked commitment may appear to the customer as network unavailability.			
	The amount of oversubscription (expressed as a percentage) will be determined by the following formula:	<u>(O)</u>		
	Sum of the CIR/PVC on a single Frame Relay Customer Connection	<u>(O)</u>		
	Frame Relay Service Customer Connection speed times 100	<u>(O)</u>		
	In order to qualify for Network Service Level Agreements SLAs (as specified in B.6following), a Frame Relay Service Customer Connection may only oversubscribe up to 200%. In the event the customer exceeds this oversubscription limit, Network SLA credits will not be issued. The customer then must either upgrade their Frame Relay Service Customer Connection speed or subscribe to an additional Customer Connection(s) to remain less than or equal to the 200% oversubscription limit to qualify for future Network SLA crediting.	<u>(T)(O)</u>		

Note 1: To appropriately provision new DLCIs ordered subsequent to a primary Customer Connection being enabled for Back-Up Capability, subsequent orders for DLCIs should specify that the DLCIs are being requested in association with a primary Customer Connection

Material appearing on this page previously appeared on page(s) 2.1 of this section.

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

1

A140. <u>OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES</u>

A <u>1</u> 40.	1 Fi	ame Relay Service (Cont'd)	<u>(T)(O)</u>
A14().1.2	Regulations (Cont'd)	<u>(T)(O)</u>
B.	Bas	s of Offering	<u>(O)</u>
	1.	Detailed monthly billing is not provided.	<u>(O)</u>
	2.	Suspension of service is not allowed.	(0)
	3.	Obligations of Customer and Company	(0)
		a. The Company is not responsible for the installation, operation, or maintenance of any equipment provided by the customer.	<u>(O)</u>
		b. The customer is responsible for the provision and maintenance of all Customer Provided Equipment (CPE) and to ensure that the operating characteristics of this equipment are compatible with and do not interfere with the service offered by the Company.	<u>(O)</u>
		c. The maximum number of DLCIs per Customer Connection is subject to the characteristics of the customer's data traffic. Thus, the number of DLCIs per Customer Connection must be negotiated between the customer and the Company at the establishment of the Customer Connection and subsequent to the establishment should the traffic characteristics change.	<u>(O)</u>
		d. The Company is authorized to provide Frame Relay Service for use in application testing subject to the regulations set forth in A2.5.11. Up to 4 Customer Connections, with not more than 3 Customer Connections operating at the same transmission speeds, may be utilized in a typical applications test configuration. The Company is authorized to deviate from this average in order to fully participate in an application test with a customer which cannot otherwise be performed to the customer's satisfaction. Application testing is not available for 44.210 Mbps Customer Connections. Service Level Agreement credits as defined in 6. following do not apply for Frame Relay Service provided for an application test (i.e., no credits apply during the period of the application testing.)	<u>(O)</u>
	4.	In order to maintain the quality of Frame Relay Service, the Company reserves the right to perform preventive maintenance of software updates to the network. This could result in Frame Relay Service being unavailable during the time period between 2:00 A.M. and 4:00 A.M. Eastern Time on any given Wednesday or Sunday morning. However, the Company only expects to utilize this maintenance window for any given switch on the average of once a quarter. In addition, the Company will make every reasonable effort to provide advance notice to those customers likely to be severely affected by such maintenance work. This maintenance window may be adjusted by the Company upon written notice to the customer.	<u>(O)</u>
	5.	The minimum service period is one month.	<u>(O)</u>
	6.	Service Level Agreement	<u>(O)</u>
		Frame Relay Service includes Service Level Agreements (SLAs) which specify the Company's provisioning, repair and performance commitments for Frame Relay Service in specific areas. Provisioning and repair commitments are measured on a per occurrence basis. Network service level commitments are monthly performance measurements. The following service measurements will outline the service levels that the Company will deliver to its Frame Relay customers.	<u>(O)</u>
		Provisioning and Repair:	<u>(O)</u>
		- Frame Relay Installation Interval	<u>(O)</u>
		- Frame Relay Time-To-Repair	<u>(O)</u>
		Network Service Levels:	<u>(O)</u>
		- Frame Relay Network Availability	<u>(O)</u>
		- Frame Relay Network Transit Delay	<u>(O)</u>
		- Frame Relay Frame Delivery Rate	<u>(O)</u>
		Service Level Commitments will define Frame Relay service measurements that the Company agrees to provide every customer. If the Company fails to meet a Service Level Commitment, the customer is eligible for a SLA credit. Credits for missed Network Service Level Commitments will only be available to customers subscribing to the Gold Package in	<u>(T)(O)</u>

portions of service supplied by the Company.

Customer Network Management from A140.12 of this Tariff. Billing credits which may apply if the Company does not meet the objectives associated with these stated SLAs (specifically covering rates for Frame Relay Service and associated Broadband Line Service from Section A40. of this tariff) are provided as set forth in c. following. Credits only apply for

TELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Original Page 3.1

FLORIDA

Α

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: December 6, 2002

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: December 21, 2002 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

<mark>1</mark> 40.	1 Fi	ran	ne Relay Service (Cont'd)	<u>(T)(O)</u>
A14().1.2	Reg	ulations (Cont'd)	<u>(T)(O)</u>
В.	Bas	sis of	Offering (Cont'd)	<u>(O)</u>
	6.	Se	prvice Level Agreements (Cont'd)	<u>(O)</u>
		a.	SLA Service Level Commitments	<u>(O)</u>
			The Company's Service Level Commitments for Frame Relay Service are as follows:	<u>(O)</u>
			- Frame Relay Installation Interval - Standard Interval	<u>(O)</u>
			- Frame Relay Time-To-Repair on customer sites within the Frame Relay Network Serving Area - 4 hours	<u>(O)</u>
			- Frame Relay Network Availability on a customer's network within the Frame Relay Network Serving Area – 99.9%	<u>(O)</u>
			- Frame Relay Network Transit Delay/One Way – 60 milliseconds	<u>(O)</u>
			- Frame Relay Frame Delivery Rate of all frames transmitted with CIR greater than 32 Kbps – 99.9%	<u>(O)</u>
		b.	SLA Restrictions	<u>(O)</u>
			The Company will implement SLA provisioning restrictions that will define customer network design requirements and limitations to <u>BellSouth'sthe Company's</u> commitment to meet Service Levels for Frame Relay Service. Customer network design requirements are intended to limit or negate BellSouth's obligation to provide SLA credits when the customer has under-engineered their <u>BellSouth_AT&T</u> Frame Relay network. The customer network design requirements are as follows:	<u>(T)(O)</u>
			- The customer's network must have a minimum of 10 customer connections for the Company to provide SLA credits.	<u>(O)</u>
			- The total CIR on all PVCs carried by any of the customer's Frame Relay Customer Connections may not be greater than 200% of the Customer Connection speed (oversubscription).	<u>(O)</u>
			 A customer must be subscribing to the Gold Package in Customer Network Management (CNM) from A<u>1</u>40.12 to receive credits for missed Network Service Level Commitments. Customer Connections at both ends of a PVC must have the CNM Gold Package or equivalent. In the event only one end of a PVC is ordered from this Tariff<u>Guidebook</u>, credits will only be issued for the rate elements ordered from this<u>Tariff<u>Guidebook</u></u>. 	<u>(T)(O)</u>
			SLA credits do not apply when any stated objective is not met because the Company does not have control over the circumstances causing the objective to be missed. Situations over which the Company does not have control can be defined as, but not limited to, the following:	<u>(O)</u>
			- any act, any omission or negligence on the part of the customer, any other customer or any third party, or of any other entity providing a portion of the service,	<u>(O)</u>
			- labor difficulties, governmental orders, civil commotions, declared National Emergencies, criminal actions against the Company, acts of God, war, or other circumstances beyond the Company's control,	<u>(O)</u>
			- the customer's premises equipment,	<u>(O)</u>
			- unavailability of the customer's facilities and/or equipment, and	<u>(O)</u>
			- customer oversubscription of Frame Relay Service Customer Connections.	<u>(O)</u>
			SLA commitments only apply for service wholly within Company territory. SLA commitments will not apply for circuits which are part of a jointly provided service. SLA commitments do not apply for service provided by other telephone companies concurring in the rates and regulations of the Company.	<u>(O)</u>

BELLSOUTH Revised Page 3.2

TELECOMMUNICATIONSTELECOMMUNICATIONS, INC. Cancels First Revised Page 3.2

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A<u>1</u>40.1 Frame Relay Service (Cont'd)

A<u>1</u>40.1.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

C.

- 6. Service Level Agreements (Cont'd)
 - b. SLA Provisioning Restrictions (Cont'd)

The customer must request a credit within one calendar month of the Company missing a Frame Relay Service Level Commitment. The Company will investigate customer requests for any SLA credits to determine the cause of any performance failures reported by the customer. The Company will investigate the customer's request over a period of up to 45 calendar days. The 45-day period will begin when the customer makes the request for credit with their BellSouth Sales Representative. SLA credits will be provided to the customer if the Company determines that the Company had control over the circumstances causing the failure. If the Company determines that these failures are the result of oversubscription of Frame Relay Service Customer Connections, the Company will provide the customer with the reports documenting the oversubscription and Network SLA credits will not be issued. The customer will be required to upgrade their Frame Relay Service Customer Connections or no future SLA credits will be allowed on that Frame Relay Service Customer Connection(s).

When a customer requests a SLA credit for Frame Relay Network Availability, all requests for a calendar month (0) must be submitted at the same time. For example, the customer receives a SLA report on May 1st providing a report on April performance. Any requests for Network Availability SLA credits on Customer Connections for the month of April must all be submitted together.

SLA Credits for Frame Relay Service Level Commitments	<u>(O)</u>
The following credits will apply when the Company misses a Service Level Commitment (each credit is described in (1) thru (5) following):	<u>(O)</u>
- Frame Relay Installation Interval – Credit non-recurring installation charge paid by the customer	(0)

- Frame Relay Installation Interval Credit non-recurring installation charge paid by the customer
- Frame Relay Time-To-Repair Credit one day of Monthly Recurring Charge (MRC)
- Frame Relay Network Availability Credit one day of MRC
- Frame Relay Network Transit Delay Credit MRC
- Frame Relay Frame Delivery Rate Credit MRC

The SLA credit amount will be determined by applying the credits outlined above to the rate elements or total billed revenues specified following.

- (1) Frame Relay Installation Interval Credit this credit will only apply to the installation or upgrade of a Frame Relay Customer Connection. The credit will be equal to the nonrecurring installation charge for the Customer Connection, Broadband Line and Broadband Line Extension. The credit will not apply to expedited installations or to installations where no facility and/or switch exist. If on the due date the customer is not ready or in a case where another of the customer's service providers (including the customer's provider of customer premises equipment, interexchange service, or other local service provider) is not ready, the Company is not liable for missing the due date and SLA credits do not apply.
- (2) Frame Relay Time-To-Repair Credit this credit will require that the customer report the problem to the BellSouth Repair Center. The repair interval will start with the time entered on the trouble ticket. The Service Level Commitment measurement will be based on each individual trouble ticket for a Customer Connection. Multiple trouble tickets on the same day for the same Customer Connection will only be eligible for one timeto-repair credit. The credit will be one day of the MRC for the Customer Connection and Broadband Line. Credits on any individual Customer Connection for a calendar month cannot exceed the MRC for the Customer Connection and Broadband Line.

<u>(O)</u>

 $(\mathbf{0})$

<u>(O)</u>

 $(\mathbf{0})$

 $(\mathbf{0})$

 $(\mathbf{0})$

(O)

(T)(O)

(T)(O)

(0**)**

 $(\mathbf{0})$

(T)(O)

(T)(O)

 $(\mathbf{0})$

 $(\mathbf{0})$

 $(\mathbf{0})$

 $(\mathbf{0})$

 (\mathbf{O})

 $(\mathbf{0})$

 (\mathbf{O})

 (\mathbf{O})

 (\mathbf{O})

 (\mathbf{O})

 (\mathbf{O})

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC. Cancels Original Page 3.3

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A<u>1</u>40.1 Frame Relay Service (Cont'd)

A<u>1</u>40.1.2 Regulations (Cont'd)

- B. Basis of Offering (Cont'd)
 - 6. Service Level Agreements (Cont'd)
 - c. (Cont'd)
 - (3) Frame Relay Network Availability this credit will apply in the event that the measurement for the customer's network is missed. The credit will then be for each Frame Relay Customer Connection which does not meet the 99.9% availability commitment. The credit will be one day of the MRC of the Frame Relay Customer Connection and the Broadband Line. The unavailability of a Customer Connection will be calculated from the trouble tickets submitted for the Customer Connection. The unavailability of a customer's network will be calculated from the trouble tickets submitted for each Customer Connection within the customer's network. The Service Level Commitment will be calculated by first subtracting the unavailable time from the total available time for a particular calendar month and then dividing it by the total available time. Included in available time are scheduled maintenance windows and time the network was unavailable due to circumstances outside the Company's control.
 - (4) Frame Relay Network Transit Delay measurement will be on each Frame Relay PVC (network port to network port). The credit will be equal to the MRC for the DLCI pair making up the PVC.
 - (5) Frame Relay Frame Delivery Rate measurement will be on each Frame Relay PVC. The credit will be equal to the MRC for the DLCI pair and 15 days of the MRC for each CIR making up the PVC.
- C. Provision of Service
 - 1. Rates and charges contained in this Section of the Tariff consist of the following elements:
 - a. Customer Connection to Frame Relay Service

Frame Relay Service Customer Connections are available at the following transmission speeds: 56 Kbps, 64 Kbps, Fractional T1, Subrate T1, 1.536 Mbps, MultiLink, Subrate T3 and 44.210 Mbps.

- (1) Fractional T1 Customer Connections are provided at the following specific transmission speeds: 112 Kbps, 128 Kbps, 192 Kbps, 256 Kbps, 320 Kbps, 384 Kbps, 448 Kbps, 512 Kbps, 576 Kbps, 640 Kbps, 704 Kbps, 768 Kbps, 1024 Kbps and 1152 Kbps. A Fractional T1 Customer Connection is provisioned in association with a channelized 1.536 Mbps transport facility and requires the dedication of only a quantity of the DS0 channels equivalent to the Fractional T1 Customer Connection transmission speed.
- (2) Subrate T1 Customer Connections are provided at the following specific transmission speeds: 128 Kbps, 256 Kbps, 384 Kbps, 512 Kbps, 768 Kbps and 1152 Kbps. A Subrate T1 Customer Connection is also provisioned in association with a 1.536 Mbps transport facility but requires the dedication of the full 1.536 Mbps transport facility's bandwidth.
- (3) MultiLink Customer Connections are provided at the following specific transmission speeds: 3 Mbps, 6 Mbps, 9 Mbps and 12 Mbps. A MultiLink Customer Connection is provisioned in association with multiple 1.536 Mbps Broadband Line facilities whose combined bandwidth is equivalent to the transmission speed of the MultiLink Customer Connection. MultiLink Customer Connections will not be available to operate with Customer Network Management or Frame Relay Back-Up Capability until such time as technical limitations are resolved.
- (4) Subrate T3 Customer Connections are provided at the following specific transmission speeds: 3 Mbps, 6 Mbps, 9 Mbps, 12 Mbps, 15 Mbps, 18 Mbps, 21 Mbps, 24 Mbps, 27 Mbps, 30 Mbps and 33 Mbps. A Subrate T3 Customer Connection is provisioned in association with a 44.210 Mbps transport facility and requires the dedication of the full 44.210 Mbps transport facility's bandwidth.
- b. Back-Up Capability
- c. Frame Relay Service Features

(T)(O)

(T)(O)

(T)(O)

<u>(O)</u>

(O)

 $(\mathbf{0})$

(O)

 (\mathbf{O})

 $(\mathbf{0})$

(O)

 $(\mathbf{0})$

 $(\mathbf{0})$

 $(\mathbf{0})$

 $(\mathbf{0})$

 (\mathbf{O})

TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC. **Cancels Sixth Revised Page 4**

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A 140.1 Frame Relay Service (Cont'd)

A140.1.2 Regulations (Cont'd)

- C. Provision of Service (Cont'd)
 - Certain Company Central Offices are designated by the Company as Serving Area Points (SAPs) for the Frame Relay 2. Service Network Serving Area. A customer accessing the Frame Relay Service network, whose Serving Wire Center is designated a SAP, will only require a Broadband Line-FPO as described in A40.5-of this Tariff. A Frame Relay Service customer, whose Serving Wire Center is not designated a SAP, will require a Broadband Line-FPO to the Serving Wire Center, as well as, a Broadband Line Extension-FPO (also described in A40.5) to gain access to the closest designated SAP.
 - The Customer Connection rate element includes the customer's transport from a Serving Area Point to the Frame Relay 3. Service switching equipment and the customer's termination on the Frame Relay Service switching equipment. One Initial DLCI is applicable when DLCIs are ordered at the same time as the installation of the Customer Connection. Only one "Initial" DLCI (either one Initial Standard DLCI or one Initial Priority DLCI) is allowed per Customer Connection. Additional DLCIs (beyond this initial DLCI) ordered with the installation of the Customer Connection and any DLCIs ordered subsequent to the installation of the Customer Connection are considered Additional DLCIs.
 - 4. Service Charges for installing Frame Relay Service are included in the respective nonrecurring charges specified herein. (T)(O)Service Charges from Section A4. of this Tariff are not applicable for installing such services. Charges applicable for customer requested change of service installation due date and cancellation of service installation are as specified in Section A40.9 following.
 - Should a customer having locations in more than one Frame Relay Network Serving Area within a LATA, desire to send 5. data traffic between these locations, the customer can interconnect these locations through the following two options:
 - Dedicated Connection: a.

The customer subscribes to additional Customer Connections (in each Network Serving Area) which are enabled to support inter-serving area connectivity and Broadband Line Extension-FPOs to connect them. These additional rate elements will be used solely to transport this customer's data traffic between affected Frame Relay Network Serving Areas. In addition to the normal DLCI and CIR charges associated with each PVC, additional DLCI and CIR charges apply per PVC between the additional Customer Connection except when these connections have been specifically requested by the customer to be provisioned as customer specific trunks.

b. Shared Connection:

> The Company may establish facilities between Frame Relay Service switching equipment in different Network Serving Areas in the same LATA and may allow customers to share bandwidth on these facilities; where these shared facilities are available to customers, a shared connection is an option. The customer must establish one or more Inter-Network Serving Area Links that extend between Frame Relay switches. Each of these links has an associated CIR. One PVC exists between both customer premises through each link. All CIRs on this PVC must have the same value. Charges for the Inter-Network Serving Area Link are applied as follows:

- the Inter-Network Serving Area Link Establishment is charged at each end of the link,
- the Inter-Network Serving Area Link CIR is charged at each end of the link, and
- no additional DLCI charges apply for the link (however, normal DLCI and CIR charges apply for the PVC).
- In some cases, the Company and another Incumbent Local Exchange Company that offers Frame Relay technology will 6. jointly connect Frame Relay switching equipment within a LATA to provide customers the ability to interconnect their locations served by the different companies. In order to utilize the Company's portion of this jointly provided shared connection, the customer must subscribe to one end of an Inter-Network Serving Area Link and the associated CIR.
- Based upon Frame Relay Forum Implementation Agreement 5 (FRF.5), a Frame Relay end user may send data from a 7. premises location with a Frame Relay User Network Interface (UNI) or a Network to Network Interface (NNI) to another premises with an Asynchronous Transfer Mode (ATM) Service UNI. The Frame Relay data is essentially encapsulated in the ATM Service bit stream and must be retrieved by the end-user's CPE as Frame Relay. To enable this feature, the customer must establish one or more Frame Relay/ATM interworking links that extend between the Frame Relay and ATM switches. Each of these links has an associated CIR. One PVC exists between these switches through this link. All CIRs on this PVC must have the same value. The following charges apply for this Frame Relay/ATM Network Interworking feature:
 - the Inter-Network Serving Area Link Establishment is charged at each end of this link, and $(\mathbf{0})$ **(**0**)**
 - the Inter-Network Serving Area Link CIR is charged at each end of this link, and

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

TELECOMMUNICATIONSTELECOMMUNICATIONS, INC. Cancels Sixth Revised Page 4

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

- no additional DLCI charges apply for the interworking link (however, normal DLCI and CIR charges apply for the PVC).

(T)(O)

(T)(O)

<u>(O)</u>

 $(\mathbf{0})$

 $(\mathbf{0})$

<u>(O)</u>

 (\mathbf{O})

 $(\mathbf{0})$

 $(\mathbf{0})$

 (\mathbf{O})

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC. Cancels Sixth Revised Page 4.1

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A<u>1</u>40.1 Frame Relay Service (Cont'd)

A<u>1</u>40.1.2 Regulations (Cont'd)

- **C.** Provision of Service (Cont'd)
 - 8. Based upon Frame Relay Forum Implementation Agreement 8, FRF.8, a Frame Relay end user may send data from a premises location with a Frame Relay User Network Interface (UNI) or a Network to Network Interface (NNI) to another premises with an Asynchronous Transfer Mode (ATM) Service UNI. The Frame Relay data is converted from Frame Relay protocol to ATM protocol in the Frame Relay network. To enable this feature, the customer must establish one or more Frame Relay/ATM interworking links that extend between the Frame Relay and ATM switches. Each of these links has an associated CIR. One PVC exists between these switches through this link. All CIRs on this PVC must have the same value. The following charges apply for this Frame Relay/ATM Service Interworking feature:
 - the Inter-Network Serving Area Link Establishment is charged at each end of this link, and
 - the Inter-Network Serving Area Link CIR is charged at each end of this link, and
 - no additional DLCI charge apply
 - 9. To have Back-Up Capability as an option, the customer is required to have a Back-Up Customer Connection and a separate Broadband Exchange Line (with Broadband Line Extension Service, as appropriate) which are designated specifically for back-up purposes. Monthly rates and nonrecurring charges applicable for a Back-Up Customer Connection are provided in A<u>1</u>40.1.3.B.1.following. Monthly rates and nonrecurring charges for Broadband Line Service are found in A40.5.

The activation of a Back-Up Customer Connection via the rerouting of traffic from a primary Customer Connection to (0) the Back-Up Customer Connection is a manual operation performed by the Company at the direction of the customer. At the direction of the customer, the Company will subsequently then redirect traffic from the Back-Up Customer Connection to the primary Customer Connection.

A Primary Customer Connection Back-Up Enablement/Change Charge provided in A<u>1</u>40.1.3.B.2 is applicable per existing primary Customer Connection which is requested by the customer to be back-up enabled. A Primary Customer Connection Back-Up Enablement/Change Charge is also applicable for each existing back-up enabled primary Customer Connection when the customer requests a reassignment of that primary Customer Connection to a different Back-Up Customer Connection.

10. To create a Priority PVC, the customer requests the mapping of Priority Voice or Priority Data DLCIs.

Feature Change Charges apply for requests to convert existing Standard PVCs to Priority PVCs (or vice versa¹). A (O) Feature Change Charge applies per service order required to perform the work.

At the customer's request, a Priority PVC may be formed between a Frame Relay Service Priority Voice or Priority Data DLCI and an ATM Service non-UBR PVC Segment (which would additionally require Frame Relay to ATM Interworking capability)². A Feature Change Charge shall apply for a request involving an existing Frame Relay to ATM Interworking PVC where the associated Standard DLCI is converted to a Priority DLCI (or vice versa); a Frame Relay Service Feature Change Charge applies per service order required to perform the Frame Relay Service work.

- **Note 1:** Applicable for such requests on Standard PVCs, Intelligent PVCs or MultiCast PVCs.
- **Note 2:** Not applicable to Priority MultiCast PVCs where Frame Relay toATM Interworking is not (O) technically possible.

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: February 8, 2002

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: February 25, 2002 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A140.1 Frame Relay Service (Cont'd)

A<u>1</u>40.1.2 Regulations (Cont'd)

- C. Provision of Service (Cont'd)
 - 11. To create a Frame Relay Service Intelligent PVC, the customer requests the mapping of three DLCIs. A Frame Relay Service Intelligent PVC may be comprised of three Standard DLCIs, three Priority Voice DLCIs or three Priority Data DLCIs. One Intelligent PVC Charge (a recurring rate) applies per customer-specified arrangement of 3 DLCIs and applies in addition to the appropriate nonrecurring and recurring charges for each of the three DLCIs. The Intelligent PVC Charge shall be billed to the Customer Connection associated with the DLCI which is the pivot endpoint (as explained in A<u>1</u>40.1.2.A.3.b.) of this PVC.

A request to convert an existing two DLCI PVC into a three DLCI Intelligent PVC (or vice versa) shall be considered as a request to disconnect the existing PVC and as a request for the connection of new DLCIs to form the new PVC. At the customer's direction, the DLCI numbers associated with the PVC being disconnected may be reused for the DLCIs associated with the new PVC.

(T)(O)

(T)(O)

<u>(O)</u>

The pivot endpoint of an Intelligent PVC must be provisioned out of a Company-provided Frame Relay Service switch. (O) (The primary endpoint and secondary endpoint of an Intelligent PVC may be associated with premises located outside of Company territory. If only Company provided switches are utilized in the total service configuration, no service limitations should occur; however, when a non-Company switch is involved in an Intelligent PVC configuration, service limitations may be encountered. BellSouth document TR-73587, which contains technical information on Intelligent PVC rerouting, provides details relating to such limitations.)

Both the primary and secondary endpoints of an Intelligent PVC must be of the same service type; therefore, both endpoints must be Frame Relay Service because the use of any method of Frame Relay to ATM interworking within an Intelligent PVC configuration is not currently technically feasible.

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A<u>1</u>40.1 Frame Relay Service (Cont'd)

A<u>1</u>40.1.2 Regulations (Cont'd)

- **C.** Provision of Service (Cont'd)
 - 12. To create a MultiCast PVC, the customer must have established individual PVCs between the Customer Connection of the host site and each Customer Connection of each remote site that is to be a member of that specific MultiCast PVC Group. Standard tariff-charges apply for the establishment of the DLCIs, CIR, etc. associated with these member PVCs. While these standard PVCs will be identified as members of a MultiCast PVC Group (and as such receive the unidirectional broadcast transmission from the host site), each individual PVC is still a bi-directional PVC capable of being used by the host site and remote site to communicate independently of the MultiCast PVC Group.

The customer shall provide a unique DLCI number to be used to identify each MultiCast PVC Group associated with a host site; this unique DLCI number will be used in establishing the MultiCast PVC and shall be utilized on an ongoing basis to refer to that specific MultiCast PVC when requesting any subsequent change activity to the associated MultiCast PVC Group. A host site can have more than one MultiCast PVC. A remote site can be a part of multiple MultiCast PVC Groups associated with the same or multiple other host site(s).

(T)(O)

(T)(O)

(T)(O)

<u>(O)</u>

(O)

 (\mathbf{O})

Each MultiCast PVC Group shall be established as a Standard MultiCast PVC Group or a Priority MultiCast PVC Group. (O) A Standard MultiCast PVC Group shall be comprised of member PVCs established utilizing all Standard DLCIs; while not specifically required, it is strongly recommended that each member PVC in a Standard MultiCast PVC have DLCIs with an associated CIR value of greater than zero. A Priority MultiCast PVC Group shall be comprised of member PVCs established utilizing all Priority (Voice or Data) DLCIs; each member PVC in a Priority MultiCast PVC is required to have Priority (Voice or Data) DLCIs with an associated CIR value of greater than zero.

One MultiCast PVC Group Charge shall apply and be billed to the host site in association with each MultiCast PVC (0) established. The appropriate MultiCast PVC Group Charge varies based 1) upon whether the MultiCast PVC is to be a Standard MultiCast PVC or a Priority MultiCast PVC and 2) upon the transmission speed of the host site Frame Relay Customer Connection (e.g., the Priority 1.536 Mbps MultiCast PVC Group Charge would be applicable for a Priority MultiCast PVC established on a 1.536 Mbps Frame Relay Customer Connection).

A MultiCast PVC Group Modification Charge applies per member PVC that is requested to be modified, added to or deleted from an existing MultiCast PVC Group, subsequent to the initial establishment of the MultiCast PVC. The MultiCast PVC Group Modification Charges are billed to the host Customer Connection.

If a Standard MultiCast PVC is requested to be changed to a Priority MultiCast PVC (or vice versa), Feature Change Charges apply as set forth in A<u>1</u>40.1.2.C.9 to change each DLCI in each member PVC from Standard to Priority (or vice versa). In addition to the nonrecurring charge associated with the MultiCast PVC Group Charge billed to the host for this change request, a MultiCast PVC Group Modification Charge shall also apply per member PVC so modified in the MultiCast PVC Group.

The Frame Relay Customer Connection associated with the host site must be of a transmission speed equal to or greater (0) than 1.536 Mbps and may not be a MultiLink Customer Connection.

A service inquiry will be required in order to determine the availability of MultiCast PVC Capability to meet each customer request for a MultiCast PVC as a result of the following limitations. MultiCast PVC Capability is possible only where Frame Relay switch facilities are available (that serve the host site) that are currently technically capable of provisioning this feature. There is an additional limitation on the total number of MultiCast Groups which can be established per Frame Relay switch; consequently, capacity may not exist to fulfill a customer's request. Additionally, there is a per MultiCast PVC Group limit on the number of members possible which varies based upon the packet size transmitted by the host site; as the standard packet size increases, the number of members that may be in the MultiCast PVC Group decreases.

	Revised P	age -	4.4		
	TELECON	MMU	UNICATIONS TELECOM	MUNICATIONSTELECOMMUNICATIONS, INC.	
l	FLOD	ID A		Cancels First Revised Page 4.4	
ı		IDA Sopto	mbar 16 2011ISSUED: S	September 16, 2011ISSUED: January 10, 2011	
	<u>1550ED.</u>	sepu	EFFECTIVE: Sent	ember 19, 2011 EFFECTIVE: Sentember 19, 2011 EFFECTIVE: January 20, 2011	
1	BY: Marsl	hall I	M. Criser III, President -FI		
	Miam	i, Flo	orida		
	A	140	. OBSOLETE SE	RVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES	
	A <u>1</u> 40.1	Fr	ame Relay Servi	ce (Cont'd)	<u>(T)(O)</u>
	A <u>1</u> 40.	1.2	Regulations (Cont'd)		<u>(T)(O)</u>
	D.	Con	tract Plans		<u>(O)</u>
		1.	Contract plans are availa periods described as foll	ble under conditions specified in the Fast Packet Services Payment Plan in A40.10 with contract ows:	<u>(O)</u>
I			a. Term Payment Plan	A - payment periods may be selected from 12 to 36 months. ¹	<u>(O)</u>
			b. Term Payment Plan	B - payment periods may be selected from 37 to 60 months. ²	<u>(O)</u>
		2.	Provided the applicable will not be applicable at a change from a Frame I Company under a contra requested, except as spec	conditions set forth in A40.10.2 and A40.10.4.B. are satisfied, a Termination Liability Charge the date of termination, if prior to fulfilling the period of the contract plan the customer requests Relay Service to the same speed, higher speed or next lower speed of any service offered by the ct plan. In such cases, the full nonrecurring charges apply for the installation of the new service ified otherwise in this or the new service's applicable service publication(s).	<u>(O)</u>
			For purposes of implem Relay Service (under co Frame Relay Customer (enting this regulation on Termination Liability Charges for changes from one speed of Frame ontract) to another speed of Frame Relay Service (under contract), the following hierarchy of Connection speeds shall exist (shown in order of lowest to highest):	<u>(O)</u>
l			- 56 Kbps		<u>(O)</u>
			- 64 Kbps		<u>(O)</u>
			- Fractional T1		<u>(O)</u>
			- Subrate T1		<u>(O)</u>
			- 1.536 Mbps		<u>(O)</u>
			- MultiLink		(0)
			- Subrate T3		(0)
			- 44 210 Mbps		(D)
		3.	The nonrecurring charge Feature, and/or any ass convert an existing cust that is requested under a	for the installation of a Frame Relay Customer Connection, any associated Frame Relay Service ociated Broadband Line Service (A40.5) is not applicable for a customer requested change to omer with BellSouth AccuPulse service or BellSouth PulseLink service to Frame Relay Service contract plan.	<u>(O)</u>
			Note 1:	As of January 20, 2011, Term Payment Plan A payment periods greater than 24 months are no longer available for new or renewing subscribers.	<u>(O)</u>
l			Note 2:	As of January 20, 2011, Term Payment Plan B payment periods are no longer available for new or renewing subscribers.	<u>(O)</u>

GENERAL SUBSCRIBER SERVICE TARIFF Original Page 1.12Original Page 1.12Second

BELLSOUTH

<u>(T)(O)</u>

(T)(O)

<u>(O)</u>

(0**)**

<u>(O)</u>

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC.

Cancels Tenth Revised Page 5

FLORIDA

ISSUED: September	16, 2011 ISSUED: September 16, 2011 ISSUED: April 14, 2011	
	EFECTIVE: Sontamber 10, 2011 EFECTIVE: Sontamber 10, 2011 EFEC	T

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: April 15, 2011

BY: Marshall M. Criser III, President -FL Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A<u>1</u>40.1 Frame Relay Service (Cont'd)

A140.1.3 Rates and Charges

- A. Customer Connection to Frame Relay Service
 - 1. A minimum of one Customer Connection is required per customer to subscribe to Frame Relay Service.

			Month	A^4	B°		
		Nonrecurring	То	12 to 36	37 to 60		
		Charge	Month	Months	Months	USOC	
(a)	at 56 Kbps ¹	\$400.00	\$110.00	\$95.00	\$67.00	FRH56	<u>(O)</u>
(b)	at 64 Kbps ¹	400.00	110.00	95.00	67.00	FRH64	<u>(O)</u>
(c)	at Fractional T1						<u>(O)</u>
	- 112 Kbps ²	460.00	166.00	144.00	102.00	FRH11	<u>(O)</u>
	- 128 Kbps ²	460.00	166.00	144.00	102.00	FRH12	<u>(O)</u>
	- 192 Kbps ²	460.00	263.00	228.00	173.00	FRH19	<u>(O)</u>
	-256 Kbps ²	460.00	331.00	286.00	203.00	FRH25	<u>(O)</u>
	-320 Kbps ²	460.00	414.00	358.00	254.00	FRH32	<u>(O)</u>
	- 384 Kbps ²	525.00	566.00	509.00	440.00	FRH38	<u>(O)</u>
	- 448 Kbps ²	525.00	566.00	509.00	440.00	FRH44	<u>(O)</u>
	- 512 Kbps ²	525.00	566.00	509.00	440.00	FRH51	<u>(O)</u>
	-576 Kbps ²	525.00	566.00	509.00	440.00	FRH57	<u>(O)</u>
	- 640 Kbps^2	525.00	566.00	509.00	440.00	FRH4O	<u>(O)</u>
	-704 Kbps^2	525.00	566.00	509.00	440.00	FRH7O	(0)
	-768 Kbps^2	525.00	566.00	509.00	440.00	FRH76	<u>(O)</u>
	-1024 Kbps^2	525.00	566.00	509.00	440.00	FRH24	<u>(O)</u>
	-1152 Kbps^2	525.00	566.00	509.00	440.00	FRH52	<u>(O)</u>
(d)	at Subrate T1						<u>(O)</u>
	- 128 Kbps ³	525.00	235.00	214.00	166.00	FRHS1	<u>(O)</u>
	- 256 Kbps ³	525.00	276.00	256.00	208.00	FRHS2	<u>(O)</u>
	- 384 Kbps ³	525.00	359.00	338.00	282.00	FRHS3	<u>(0)</u>
	-512 Kbps^{3}	525.00	414.00	386.00	323.00	FRHS5	<u>(O)</u>
	-768 Kbps^{3}	525.00	462.00	434.00	365.00	FRHS7	<u>(O)</u>
	-1152 Kbps^{3}	525.00	524.00	476.00	414.00	FRHSE	(0)
(e)	at 1.536 Mbps	525.00	566.00	509.00	440.00	FRH15	<u>(O)</u>

- **Note 1:** The Customer Connections at 56 Kbps and 64 Kbps are primarily utilized respectively with 56 (T)(O) Kbps and 64 Kbps transport facilities. They may alternately be utilized with a 1.536 Mbps transport facility and provisioned as a Fractional T1 service (as discussed in Note 2-below).
- **Note 2:** Fractional T1 Customer Connection: This Customer Connection is provisioned in association with channelized 1.536 Mbps transport facilities. If requested with a 1.536 Mbps Broadband Line Service, only other Fast Packet Transport Services may utilize the remaining bandwidth of the transport; if provided in association with spare capacity on a channelized Private Line Service (e.g., channelized MegaLink Service), any other services may utilize the remaining bandwidth as allowed by the regulations governing the transport service.
- **Note 3:** Subrate T1 Customer Connection: This Customer Connection is provisioned as Subrate T1 (O) service and may be referred to for marketing purposes as Flexible T1 Frame Relay Service. Each such Customer Connection requires the dedication to it of a full 1.536 Mbps of transport bandwidth (e.g., a full 1.536 Mbps Broadband Line Service); no other service(s) may utilize the remaining bandwidth.
- **Note 4:** As of January 20, 2011, Term Payment Plan A payment periods greater than 24 months are no (O) longer available for new or renewing subscribers.
- **Note 5:** As of January 20, 2011, Term Payment Plan B payment periods are no longer available for (O) new or renewing subscribers.

BELLSOUTH Revised Page 5

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC.

Cancels Tenth Revised Page 5

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: April 14, 2011 <u>EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: April 15, 2011</u>

BY: Marshall M. Criser III, President -FL Miami, Florida

(T)(O)

(T)(O)

<u>(O)</u>

(O)

(O)

TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Third Revised Page 5.0.0.1

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: January 19, 2011

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: January 20, 2011

BY: Marshall M. Criser III, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A<u>1</u>40.1 Frame Relay Service (Cont'd)

A140.1.3 Rates and Charges (Cont'd)

- A. Customer Connection to Frame Relay Service (Cont'd)
 - 1. A minimum of one Customer Connection is required per customer to subscribe to Frame Relay Service. (Cont'd)

			Month	\mathbf{A}^{T}	B		
		Nonrecurring	То	12 to 36	37 to 60		
		Charge	Month	Months	Months	USOC	
(f)	at MultiLink						<u>(O)</u>
	- 3 Mbps ^{1,2}	\$ 500.00	\$ 897.00	\$ 828.00	\$ 690.00	FRHM3	<u>(O)</u>
	- 6 Mbps ^{1,2}	600.00	1121.00	1035.00	863.00	FRHM6	<u>(O)</u>
	- 9 Mbps ^{1,2}	800.00	1346.00	1242.00	1035.00	FRHM9	<u>(O)</u>
	- 12 Mbps ^{1,2}	1000.00	1570.00	1449.00	1208.00	FRHM2	<u>(O)</u>
(g)	at Subrate T3						<u>(O)</u>
	- 3 Mbps^3	2000.00	1127.00	1035.00	857.00	FRHO3	<u>(O)</u>
	- 6 Mbps^3	2000.00	1213.00	1104.00	972.00	FRHO6	<u>(O)</u>
	-9 Mbps ³	2000.00	1443.00	1313.00	1156.00	FRHO9	<u>(O)</u>
	-12 Mbps ³	2000.00	1673.00	1523.00	1340.00	FRH2M	<u>(O)</u>
	- 15 Mbps ³	2000.00	1903.00	1732.00	1524.00	FRH5M	<u>(O)</u>
	-18 Mbps ³	2000.00	2133.00	1941.00	1708.00	FRH18	<u>(O)</u>
	-21 Mbps ³	2000.00	2363.00	2151.00	1893.00	FRH21	<u>(0)</u>
	-24 Mbps ³	2000.00	2593.00	2360.00	2077.00	FRH4M	<u>(O)</u>
	- 27 Mbps ³	2000.00	2823.00	2569.00	2261.00	FRH27	<u>(O)</u>
	-30 Mbps ³	2000.00	3053.00	2778.00	2445.00	FRH3O	<u>(O)</u>
	-33 Mbps ³	2000.00	3283.00	2988.00	2629.00	FRH33	<u>(O)</u>
(h)	at 44.210 Mbps	1225.00	4025.00	3738.00	3450.00	FRH1O	<u>(O)</u>
	1						

- **Note 1:** A MultiLink Customer Connection is provisioned using multiple 1.536 Mbps Broadband Lines whose combined bandwidth is equivalent to the transmission speed of the MultiLink Customer Connection.
- **Note 2:** The MultiLink Customer Connection Speed Change Charge applies in lieu of the nonrecurring (O) charge shown above when an existing MultiLink Customer Connection is requested to be changed to another speed MultiLink Customer Connection. Additional charges from A40.5 also apply for additional 1.536 Mbps Broadband Lines required when the request is for a change to a higher MultiLink speed.
- **Note 3:** A Subrate T3 Customer Connection (defined as a Customer Connection from 3 to 33 Mbps) is provisioned utilizing 44.210 Mbps of transport bandwidth (e.g., a 44.210 Mbps Broadband Line Service); no other service(s) may utilize the remaining bandwidth.

Note 4: As of January 20, 2011, Term Payment Plan A payment periods greater than 24 months are no (O) longer available for new or renewing subscribers.

Note 5: As of January 20, 2011, Term Payment Plan B payment periods are no longer available for new or renewing subscribers.

BELLSOUTH		GENERAL SUBSCRIBER SERVICE TARIF	F Original Page 1.15Original Pag	<u>e 1.15</u> Origii	nal
Page 5.0.0.1.1					
<u>TELECOMM</u>	UNICATIONS T	ELECOMMUNICATIONS TELECOMMUNICATIONS, INC.			
ISSUED: Sept	ember 16, 2011	SSUED: September 16, 2011ISSUED: June 25, 2003			
	<u>EFFEC</u>	CTIVE: September 19, 2011EFFECTIVE: September 19, 2011E	FECTIVE: July 10, 2003		
BY: Marshall	<u>M. Criser III, Pr</u>	esident -FL BY: Marshall M. Criser III, President -FL BY: Joseph	P. Lacher, President -FL		
A <u>1</u> 40.1 Fr	ame Relay	/ Service (Cont'd)			<u>(T)(O)</u>
A/40.1.3	Rates and Ch	arges (Cont'd)			<u>(T)(O)</u>
A. Cus	tomer Connection	on to Frame Relay Service (Cont'd)			(0)
2.	Subrate T1 Sp	eed Change Charge			<u>(O)</u>
	This nonrecur as a Subrate T requested to b Connection. A A <u>1</u> 40.1.3.A.1	ring charge applies per Subrate T1 Customer Connection (define 1 service with restricted bandwidth of 128 Kbps, 256 Kbps, 384 e changed to either 1) another speed of Subrate T1 Customer Con Accordingly, the Subrate T1 Speed Change Charge applies in lieu for the new speed Customer Connection.	d as a Customer Connection provis Kbps, 512 Kbps, 768 Kbps or 1157 nnection or 2) to a 1.536 Mbps Cus 1 of the Nonrecurring Charge speci	sioned 2 Kbps) stomer fied in	<u>(T)(O)</u>
			Nonrecurring		
			Charge	USOC	
	(a)	Per Subrate 11 Customer Connection Speed Change Request	\$90.00	FKHII	<u>(O)</u>
3.	Fractional T1	to Subrate T1 Change Charge			<u>(O)</u>
This nonrecurring charge applies per Fractional T1 Customer Connection requested to be changed to a Subrate T1 Customer Connection. Accordingly, the Fractional T1 to Subrate T1 Change Charge applies in lieu of the Nonrecurring Charge specified in A <u>1</u> 40.1.3.A.1 for the new Subrate T1 Customer Connection.					
			Nonrecurring		
			Charge	USOC	
	(a)	Per Fractional TI to Subrate TI Customer Connection Change Request	\$180.00	FKHFS	<u>(O)</u>
4.	MultiLink Spe	eed Change Charge			<u>(O)</u>
	This nonrecur MultiLink Cur Charge specifi also apply for speed.	ring charge applies per MultiLink Customer Connection requests stomer Connection. Accordingly, the MultiLink Speed Change C ied in A <u>1</u> 40.1.3.A.1 for the new speed MultiLink Customer Conr additional 1.536 Mbps Broadband Lines required when the requ	d to be changed to another speed Charge applies in lieu of the Nonre- nection. Additional charges from A lest is for a change to a higher Mul	curring 40.5 tiLink	<u>(T)(O)</u>
			Nonrecurring		
			Charge	USOC	
	(a)	Per MultiLink Customer Connection Speed Change Request	\$300.00	FRHMC	<u>(O)</u>
5.	Subrate T3 Sp	beed Change Charge			<u>(O)</u>
	This nonrecur to 33 Mbps) re Mbps Custom Charge specifi	ring charge applies per Subrate T3 Customer Connection (define equested to be changed to either 1) another speed Subrate T3 Cu er Connection. Accordingly, the Subrate T3 Speed Change Charge in A <u>1</u> 40.1.3.A.1 for the new speed Customer Connection.	d as a Customer Connection from 3 istomer Connection or 2) to a 44.2 ge applies in lieu of the Nonrecurr	3 Mbps 210 ing	<u>(T)(O)</u>
			Nonrecurring		
	(a)	Per Subrate T3 Customer Connection Speed Change Request	Charge \$500.00	USOC FRHT3	<u>(O)</u>

Material appearing on this page previously appeared on page(s) 5.0.0.1 of this section.

A140. <u>OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES</u>

A <u>1</u> 40.1	l Fr	ame Relag	y Servi	ce (Cont'd)					<u>(</u>	<u>T)(O)</u>
A <u>1</u> 40.	.1.3	Rates and Ch	arges (C	ont'd)					(<u>T)(O)</u>
В.	Bac	Back-Up Capability								
	On	an optional bas	is a custon	ner may choose to have B	ack-Up Capability for h	is Frame Rel	ay Service.			<u>(O)</u>
	1.	Frame Relay	Back-Up (Customer Connection						<u>(O)</u>
	A minimum of one Frame Relay Back-Up Customer Connection is required in order to have Back-U (Provisioning Basic Class of Service: FPLBN)								ability.	<u>(O)</u>
					Nonrecurring	Month To	A ¹ 12 to 36	B ² 37 to 60		
					Charge	Month	Months	Months	USO C	
		(a)	at 56 K	bps	\$400.00	\$46.00	\$ 40.00	\$29.00	FRH56	<u>(O)</u>
		(b)	at 64 K	bps	400.00	46.00	40.00	29.00	FRH64	<u>(O)</u>
		(c)	at 1.536	5 Mbps	525.00	377.00	339.00	293.00	FRH15	<u>(O)</u>
		(d)	at 44.21	10 Mbps	1,225.00	3,220.00	2,990.00	2,760.00	FRH1O	<u>(O)</u>
	2.	Primary Cust	omer Conr	nection Back-Up Enablem	ent/Change Charge					<u>(O)</u>
						No	nrecurring			
		(a)	Per Exis	sting Primary Customer Co	onnection		Charge \$125.00		USOC FRHBE	(0)
			Note 1:	As of January 20, 2011 longer available for new	, Term Payment Plan A v or renewing subscribe	a payment pe ers.	riods greater tl	nan 24 months	are no	<u>(O)</u>
			Note 2:	As of January 20, 201	1, Term Payment Plan	B payment	periods are no	longer availa	ble for	<u>(O)</u>

new or renewing subscribers.

Revised Page 5.0.1 TELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Fourth Revised Page 5.0.1

FLORIDA ISSUED: Sept	embe	er 16.	2011 I	SSUED: S	September 16, 2011ISSUE	ED: April 24, 2009					
		E	FFEC	TIVE: Se	ptember 19, 2011EFFECT	TVE: September 19,	2011EFFECTIV	E: Apri	il 25, 2009		
BY: Marshall I Miami El	M. C	riser I	II, Pre	esident -Fl	Ĺ						
A14). C	BS	OLE	TE SE		I <mark>GS</mark> – FAST P	ACKET TR	ANS	PORT SER	VICES	
Δ 140 1 Fr	am	A R	olav	Servi	ce (Cont'd)						<u>(T)(O)</u>
	Dote		eiay a ch								(T)(O)
$A_{\underline{1}}40.1.51$	Kau no D	es and	u Ulla Sorvio	arges (Co	Charges						
C. Fial		CI	Servic	e reature	Charges						
1.	a.	Stan	dard I	DLCI							(<u>0</u>)
	u.	(1)	Per (Customer	Connection						(0)
		(-)	1 01 1	customer	comeetion		Nonrecur	ring	Monthly		
							Cha	arge	Rate	USOC	
			(a)	Initial S	tandard DLCI ¹		\$	-	\$ -	XAFD1	<u>(O)</u>
	h	Prio	(b) rity V	Each Ac	Iditional Standard DLCI		2	5.00	2.00	FRVDX	(<u>(</u>)
	υ.	(1)	Per (Customer	Connection						(<u>0</u>)
		(1)	(2)	Initial P	riority Voice DI CI ^{1,2}			-	5.00	FRVPU	(0)
			(b)	Each Ac	Iditional Priority Voice D	LCI ²	4	0.00	5.00	FRVPV	<u>(0)</u>
	c.	Prio	rity D	ata DLCI							<u>(O)</u>
		(1)	Per	Customer	Connection						<u>(O)</u>
			(a)	Initial P	riority Data DLCI ^{1,2}	2		-	5.00	FRVPC	<u>(O)</u>
2	Co	mmitt	(b) tad Inf	Each Ac	Iditional Priority Data DL	CI ²	4	0.00	5.00	FRVPD	(<u>O</u>)
2.	со а	The	chose	n CIR car	not exceed the minimum	transmission speed o	f the link at eithe	er end o	f the PVC		(<u>U)</u>
	u.	(1)	Per l	DLCI		transmission speed o	i the link at cluic		r the r v e.		(0)
		(-)	(a)	0 Kbns				-	-	FRVRO	(0)
			(b)	1 thru 3	2 Kbps			-	9.00	FRVR3	<u>(O)</u>
			(c)	33 thru	56 Kbps			-	15.00	FRVR5	<u>(O)</u>
			(d)	57 thru	64 Kbps			-	16.00	FRVR6 FDVD1	(<u>(</u>)
			(e) (f)	05 thru 129 thru	128 Kops 1 256 Kbps			-	33.00	FRVR1 FRVR2	(<u>0)</u> (0)
			(g)	257 thru	1 384 Kbps			-	47.00	FRVR4	<u>(O)</u>
			(h)	385 thru	1 512 Kbps			-	59.00	FRVR8	<u>(O)</u>
			(i) (i)	513 thru	1 768 Kbps			-	107.00	FRVR7 FDVD0	(<u>(</u>)
			$\binom{1}{k}$	1.537 th	ps unu 1.556 Mops uru 4 Mbps			-	230.00	FRVRJ	(<u>0)</u> (<u>0)</u>
			(1)	4.1 thru	10 Mbps			-	426.00	FRVRK	<u>(O)</u>
			(m)	10.1 thr	u 16 Mbps			-	748.00	FRVRL	<u>(O)</u>
			(n)	16.1 thr	u 34 Mbps u 44 210 Mbps			-	1,955.00	FRVRM FRVRN	(<u>(</u>)
3.	Int	ellige	nt PV	C Charge	u 44.210 Mops			_	2,550.00		<u>(0)</u>
	a.	One	Intell	igent PVC	C Charge applies per custo	mer-specified arrang	gement of 3 DLC	Is and i	s in addition to t	he charges	<u>(O)</u>
		for t	he DL	.CIs.							
		(1)	Per l	Intelligent	PVC						<u>(O)</u>
			(a)	Each			\$	-	\$2.00	FRV1P	<u>(O)</u>
				Note 1:	One "Initial" DLCI is a of the Customer Conne Initial Priority DLCI) i Additional DLCIs.	pplicable when DLC ction. Only one Init s allowed per Custor	Us are ordered a ial DLCI (either mer Connection.	t the sa one Ini All o	me time as the i itial Standard DI ther DLCIs are	nstallation LCI or one considered	<u>(O)</u>

Note 2: A Priority DLCI must have CIR with a value greater than 0.

<u>(0)</u>

TELECOMMUNICATIONSTELECOMMUNICATIONS, INC. Cancels Fourth Revised Page 5.0.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: April 24, 2009

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: April 25, 2009 BY: Marshall M. Criser III, President -FL

Miami, Florida

(T)(O)

(T)(O)

<u>(O)</u>

(0**)**

 $(\mathbf{0})$

 $(\mathbf{0})$

(O)

 (\mathbf{O})

Revised Page 5.0.2 TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Second Revised Page 5.0.2

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: January 19, 2011

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: January 20, 2011

BY: Marshall M. Criser III, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A<u>1</u>40.1 Frame Relay Service (Cont'd)

A140.1.3 Rates and Charges (Cont'd)

C. Frame Relay Service Feature Charges (Cont'd)

- 4. MultiCast PVC Charges
 - a. MultiCast PVC Group Charge One MultiCast PVC Group Charge applies per MultiCast PVC on a host site Frame Relay Customer Connection. This charge is in addition to the appropriate charges (DLCI, CIR, etc.) for the individual host to remote PVCs which are members of the MultiCast PVC Group.
 - (1) Per Standard MultiCast PVC Group (established from multiple host to remote PVCs which utilize all Standard DLCIs) on a host Frame Relay Customer Connection of the following transmission speed:

			Month	\mathbf{A}^{1}	\mathbf{B}^2		
		Nonrecurring	То	12 to 36	37 to 60		
		Charge	Month	Months	Months	USOC	
(a)	1.536 Mbps	\$ 100.00	\$ 242.00	\$ 225.00	\$ 216.00	FRVW1	<u>(O</u>
(b)	3 Mbps	100.00	334.00	316.00	310.00	FRVW3	<u>(O</u>
(c)	6 Mbps	100.00	391.00	362.00	340.00	FRVW6	<u>(O</u>
(d)	9 Mbps	100.00	443.00	411.00	386.00	FRVW9	<u>(O</u>
(e)	12 Mbps	100.00	495.00	459.00	432.00	FRVW2	<u>(O</u>
(f)	15 Mbps	100.00	546.00	507.00	478.00	FRVW5	<u>(O</u>
(g)	18 Mbps	100.00	598.00	555.00	524.00	FRVW8	<u>(0</u>
(h)	21 Mbps	100.00	650.00	604.00	570.00	FRVWT	<u>(O</u>
(i)	24 Mbps	100.00	702.00	652.00	616.00	FRVW4	<u>(O</u>
(j)	27 Mbps	100.00	753.00	700.00	662.00	FRVW7	<u>(0</u>
(k)	30 Mbps	100.00	805.00	749.00	708.00	FRVWO	<u>(O</u>
(1)	33 Mbps	100.00	857.00	797.00	754.00	FRVWM	<u>(0</u>
(m)	44.210 Mbps	100.00	966.00	941.00	917.00	FRVWN	<u>(0</u>
· · /	1						

(2) Per Priority MultiCast PVC Group (established from multiple host to remote PVCs which utilize all Priority DLCIs) on a host Frame Relay Customer Connection of the following transmission speed:

(a)	1.536 Mbps	\$ 10	0.00 \$	259.00	\$ 2	243.00	\$ 233.00	FRVN1	<u>(O</u>)
(b)	3 Mbps	10	00.00	352.00		334.00	327.00	FRVN3	<u>(O)</u>
(c)	6 Mbps	10	0.00	408.00		380.00	357.00	FRVN6	<u>(O)</u>
(d)	9 Mbps	10	0.00	460.00		428.00	403.00	FRVN9	<u>(O</u>)
(e)	12 Mbps	10	00.00	512.00		476.00	449.00	FRVN2	<u>(O)</u>
(f)	15 Mbps	10	00.00	564.00	:	524.00	495.00	FRVN5	<u>(O)</u>
(g)	18 Mbps	10	00.00	615.00	:	573.00	541.00	FRVN8	<u>(O)</u>
(h)	21 Mbps	10	0.00	667.00		621.00	587.00	FRVNT	<u>(O)</u>
(i)	24 Mbps	10	00.00	719.00		669.00	633.00	FRVN4	<u>(O)</u>
(j)	27 Mbps	10	00.00	771.00		718.00	679.00	FRVN7	<u>(O)</u>
(k)	30 Mbps	10	00.00	822.00		766.00	725.00	FRVNO	<u>(O)</u>
(1)	33 Mbps	10	00.00	874.00	:	814.00	771.00	FRVNM	<u>(O)</u>
(m)	44.210 Mbps	10	00.00	983.00	9	959.00	934.00	FRVNN	<u>(O</u>)

b. MultiCast PVC Group Modification Charge - The MultiCast PVC Group Modification Charge is a nonrecurring charge which applies per member PVC requested to be modified, added to or deleted from an existing MultiCast PVC Group.

(1) Per Customer Request

	Nonrecurring		
	Charge	USOC	
(a) Per Host to Remote PVC	\$ 40.00	FRVMC	<u>(O</u>)

Note 1: As of January 20, 2011, Term Payment Plan A payment periods greater than 24 months are no (O) longer available for new or renewing subscribers.

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC. Cancels Second Revised Page 5.0.2

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: January 19, 2011 EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: January 20, 2011

BY: Marshall M. Criser III, President -FL

Miami, Florida

Note 2: As of January 20, 2011, Term Payment Plan B payment periods are no longer available for <u>(O)</u> new or renewing subscribers.

<u>(O)</u>

TELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Third Revised Page 5.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: February 8, 2002 EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: February 25, 2002 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

6.

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES

A <u>1</u> 40.1 Frame Relay Service (Cont'd)				
A <u>1</u> 40.1.3 Rates and Charges (Cont'd)	<u>(T)(O)</u>			
C. Frame Relay Service Feature Charges (Cont'd)	<u>(O)</u>			
5. Inter-Network Serving Area Link	<u>(O)</u>			
a. Per End of Link	<u>(O)</u>			

(1) Link

			Nonrecurring	Monthly		
			Charge	Rate	USOC	
	(a)	Per establishment	\$10.00	-	FRVLE	<u>(O)</u>
(2)	CIR					<u>(O)</u>
	(a)	0 thru 32 Kbps	-	10.00	FRVL3	<u>(O)</u>
	(b)	33 thru 56 Kbps	-	15.00	FRVL5	<u>(O)</u>
	(c)	57 thru 64 Kbps	-	16.00	FRVL6	<u>(O)</u>
	(d)	65 thru 128 Kbps	-	20.00	FRVL1	<u>(O)</u>
	(e)	129 thru 256 Kbps	-	35.00	FRVL2	<u>(O)</u>
	(f)	257 thru 384 Kbps	-	55.00	FRVL4	<u>(O)</u>
	(g)	385 thru 512 Kbps	-	70.00	FRVL8	<u>(O)</u>
	(h)	513 thru 768 Kbps	-	150.00	FRVL7	<u>(O)</u>
	(i)	769 Kbps thru 1.536 Mbps	-	225.00	FRVL9	<u>(O)</u>
	(j)	1.537 thru 4 Mbps	-	500.00	FRVLJ	<u>(O)</u>
	(k)	4.1 thru 10 Mbps	-	650.00	FRVLK	<u>(O)</u>
	(1)	10.1 thru 16 Mbps	-	800.00	FRVLL	<u>(O)</u>
	(m)	16.1 thru 34 Mbps	-	2,100.00	FRVLM	<u>(O)</u>
	(n)	34.1 thru 44.210 Mbps	-	2,500.00	FRVLN	<u>(O)</u>
Feature (Chang	e Charge				<u>(O)</u>
	(a)	Per occurrence, per feature	25.00	-	FRVFX	<u>(O)</u>

Material appearing on this page previously appeared on page(s) 5.0.1 of this section.

BEI	LSC	JUTH	ſ

TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

FLORIDA ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: (date)

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: (date)

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President - FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES

A140.2 Reserved For Future Use

(N	ſ)	

<u>(M)</u>

 (\mathbf{M})

(M)

 (\mathbf{M})

(M)

(M)

(M)

 (\mathbf{M})

(M)

(M)

(T)(M)

A140.3 Native Mode LAN Interconnection (NMLI) Service

(Obsoleted 3/30/2004, Type 2. This service is not available for new installations on and after the specified obsolete date.)

A140.3.1 General

- A. Native Mode LAN Interconnection (NMLI) service is a high-speed (10, 100 or 1000 Mbps) fiber optic transport service for the interconnection of customer-owned Local Area Networks (LANs) and other high-speed data devices.
- B. NMLI service provides a means of basic LAN extension for customer-owned Ethernet (IEEE Standard 802.3, 802.3u and 802.3z) LANs. A customer with multiple LANs in an area served by NMLI service may interconnect these LANs through NMLI service.
- C. The signals at the NMLI Port meet IEEE 802.3, 802.3u or IEEE 802.5 standards. Technical requirements for interfaces with customer premises equipment (CPE) are contained in ANSI/IEEE 802.3-1992, "Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications". These technical documents may be ordered from:

American National Standards Institute 11 West 42nd Street New York, New York 10036

- D. NMLI service is suitable for data transmission only.
- E. NMLI service, as provided under the provisions of this tariff section, is offered for intraLATA use only.
- **F.** The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of <u>(T)(M)</u> this and other <u>tariffsGuidebooks</u> of the Company.
- **G.** The rates and charges set forth for NMLI service provide for the furnishing of service where suitable facilities are available. (T)(M) Where special construction of facilities is necessary, special construction charges may apply as set forth in Section A5-of this Tariff.
- H. NMLI service is only available in certain metropolitan areas. In locations where NMLI service is not available under tariff, NMLI service may be obtained via special service arrangement.

A140.3.2 Regulations

- A. Explanation of Terms
 - 1. Customer End Bridge Management

Customer End Bridge Management provides NMLI customers the ability to manage their Ethernet LANs by allowing them access to their end bridge devices in order to monitor and receive status reports of their network. Customer End Bridge Management is based on the Simple Network Management Protocol (SNMP), an Internet network management protocol, which is a widely-accepted, message-based protocol for the exchange of management information between a management station and managed devices.

2. Ethernet LAN

A type of Local Area Network (LAN). Ethernet is based on technology where a workstation on the LAN sends a message to another workstation on the LAN and "listens" to determine if any other station is sending. If another station begins sending at the same time, all stations back off and wait a pre-set delay before attempting to send again. Ethernet service utilizes IEEE Standard 802.3.

Material appearing on this page previously appeared on page(s) 1 of this section.

TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Second Revised Page 6Cancels Second Revised Page 6Cancels First Revised Page 6

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: December 4, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: December 19, 2003 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES

A140.5 Broadband Line Service

A140.5.1 General

Except as specified in A140.5.2 and A140.5.3 following, terms and conditions located in A40.5 are applicable.

A140.5.2 Regulations

(Obsoleted 11/4/2002, Type 4) Not available for new installations, moves or changes. Upon expiration of an existing contract, a 128 Kbps (2B1Q) Broadband Line Service can only be retained on a month-to-month payment plan basis.

An existing customer with a 128 Kbps (2B1Q) Broadband Line from A140.5 may request to convert to a 1.536 Mbps Broadband Line from A40.5 for use with their 128 Kbps Fractional T1 Frame Relay Service Customer Connection; the nonrecurring charges specified in A40.5 shall not apply for such conversions. Customers requesting to concurrently convert their 128 Kbps Fractional T1 Customer Connection to a 128 Kbps Subrate T1 Customer Connection shall not incur the Fractional T1 to Subrate T1 Charge Charge from A<u>1</u>40.1.3.A.3.

A140.5.3 Rates and Charges

- A. Rates and Charges for the Fast Packet Option
 - 1. Broadband Line-FPO

(a) 128 KJ	ops (2B1Q)	Nonrecurring Charge \$ 450.00	Month To Month \$ 105.00	A 12 to 36 Months \$ 92.00	B 37 to 60 Months \$ 77.00	USOC FP112	
A140.6 Reserved For Fut	ure Use						(N)
A140.7 Reserved For Fut	ure Use						(N)
A140.8 Reserved For Fut	ure Use						(<u>M</u> N)
A140.9 Reserved For Fut	ure Use						(N)
A140.10 Reserved For Fu	ture Use						(N)
A140.11 BellSouth Video	Conferencing Service	e					(O)(T)
(Obsoleted 12/19/2003, Type 2- only for additions to or replacem	Not offered for new installa	tions on and after Dec	ember 19	, 2003. Avi	ailable units	s used	(N)
A140.11.1 General						(O)(T)	
A. BellSouth Video Conference interactive multipoint video (H.320) standard codec equi	ring <i>service</i> is a video service - conferencing based on Intern pment which must be provided	that provides switching ational Telecommunicati by the customer at the en	y and disti ions Unior dpoint loca	tibution proc 1-Telecommu 1tions.	esses requir mications (I	ed for TU-T)	(O)(T)
This service includes a reser capabilities and availability,	vations center which provides e and provides initial trouble isol	stablished network conne ations.	ections, tra	cks individu	al conference) room	(0)
Access from the customer p by the Company.	remises to BellSouth Video Cor	nferencing service must t	e purchase	ed from othe	r services pro	ovided	(O)(T)
B. BellSouth Video Conference Mode and (3) Broadcast/Pre	ing service is provided as follo sentation Mode.	ws; (1) Automatic, Voic	e Activate	d-Mode, (2)	-Chairman C	Control	(O)(T)
C. This service utilizes a network based Multipoint Control Unit (MCU) to manage and switch compressed digital video signals produced by customer owned video codec equipment at video bit rate capabilities of 1.536 Mbps, 672/768 Kbps, 336/384 Kbps, and 112/128 Kbps.						signals 36/384	(0)
D. BellSouth Telecommunicati Broadband Line Service, Sw	ons, Inc. tariffed services that ritched 56 Kbps services, and I	will interface with Be SDN switched services.	ellSouth V	ideo Confer	encing servi	ce are	(O)(T)

Material previously appearing on this page now appears on page(s) 6.1 and 6.26 of this section.

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies. All BellSouth marks contained herein and as set forth in the trademarks and servicemarks section of this Tariff are owned by BellSouth Intellectual Property All BellSouth marks contained herein and as set forth in the trademarks and servicemarks section of this Tariff are owned by BellSouth Intellectual Property

All BellSouth marks contained herein and as set forth in the trademarks and servicemarks section of this Tariff are owned by BellSouth Intellectual Property Corporation.

<u>(T)</u>

 (Θ)

6 Second Revised Page 6 TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Second Revised Page 6

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: December 4, 2003

EFFECTIVE: September 19, 2011 EFFECTIVE: September 19, 2011 EFFECTIVE: December 19, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

E. BellSouth Video Conferencing service includes a full time, centralized, scheduling center (twenty four hours per day, 365 (O)(T) days per year) accessible to the customer either by telephone dial in, or facsimile.

Scheduling can be established from two hours to eighteen (18) months in advance based on MCU/facility availability.

Material previously appearing on this page now appears on page(s) 6.1 and 6.26 of this section.

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

All BellSouth marks contained herein and as set forth in the trademarks and servicemarks section of this Tariff are owned by BellSouth Intellectual Property Corporation.

(M)(T)(O)

(N)

 $(\mathbf{0})$

(T)(O)

(0**)**

<u>(T)(O)</u>

TELECOMMUNICATIONSTELECOMMUNICATIONS, INC. Cancels Second Revised Page 20

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011 EFFECTIVE: September 19, 2011 EFFECTIVE: July 10, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A<u>1</u>40.8 Asynchronous Transfer Mode (ATM) Service

(Obsoleted 9/19/2011, Type B – Not available for new installations, additions or on transfers of service to new location.)

A<u>1</u>40.8.1 General

- A. Asynchronous Transfer Mode (ATM) Service (herein referred to as ATM Service) is a data transport service based on ATM (0) cell-based switching technology.
- B. ATM Service provides flexible connectivity using virtual connections implemented over digital facilities operating at transmission speeds of 1.536 Mbps, 44.210 Mbps, 149.760 Mbps or 599.040 Mbps. This service provides for the switching of symmetrical duplex transmissions of fixed-length ATM cells, utilizing virtual circuits. To transfer information between at least two sites a virtual circuit must be set up across the ATM network. ATM service supports the establishment of both permanent virtual circuits (PVCs) and switched virtual circuits (SVCs).

Information transmitted by ATM Service is segmented into fixed length cells, transported to and re-assembled at the specified destination. An ATM cell has a fixed length of 53 bytes. An ATM cell is broken into two main sections, the header and the payload. The payload is the portion, which carries the actual information. The header is used for network functions such as addressing and error correction.

- C. Network interface specifications for ATM Service are contained in the following documents:
 - ATM Forum document, "ATM User-Network Interface Specification" (Versions 3.0 and 3.1 and UNI Version 4.0). This document may be obtained from:

ATM Forum 2570 West El Camino Real Suite 304 Mountain View, CA 94040

- BellSouth Technical Reference 73585, "Asynchronous Transfer Mode (ATM) Network Interface and Performance (0) Specifications". This document may be obtained from:

BellSouth Telecommunications, Inc. Regional Documentation Coordinator 20th floor 600 North 19th Street Birmingham, AL 35203

- **D**. ATM Service, as provided for in this Tariff section, is offered for intraLATA use only.
- E. The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of (T)(O) this and other <u>Guidebooks and</u> Tariffs of the Company.
- F. The rates and charges set forth for ATM Service provide for the furnishing of service where suitable facilities are available.
- G. ATM Service is only available when provided in conjunction with Broadband Line Service. Specifications for Broadband Line (T)(O) Service are contained in A40.5-of this Tariff.
- H. ATM Service PVCs may be interconnected with Frame Relay Service subject to the provisions set forth in A<u>1</u>40.1. (T)(O)

Material appearing on this page previously appeared on page(s) 6 of this section.
TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC. Cancels Third Revised Page 20.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140 OPSOLETE SERVICE OFFERINGS EAST BACKET TRANSPORT SERVICES

A <u>1</u> 40.	8 A	synchronous Transfer Mode (ATM) Service (Cont'd)	<u>(T)(O)</u>
A <mark>1</mark> 40).8.2	Regulations	<u>(T)(O)</u>
A .	Exp	lanation of Terms	
	1.	Customer Connection to ATM Service	<u>(O)</u>
		The Customer Connection provides the customer with the standard interface to the ATM Service network. This interface receives the data cells from the customer's network or device and verifies that the addressing and traffic parameters are valid before relaying the cell to the specified destination. Included in the Customer Connection rate element are the customer's termination on the ATM Service switching equipment and the transport from the Serving Area Point to the switching equipment (unless specified otherwise herein). These interfaces connect the ATM Service network with digital facilities operating at transmission speeds of 1.536 Mbps, 44.210 Mbps, 149.760 Mbps or 599.040 Mbps. Unless specifically stated otherwise herein, a customer may have both PVCs and SVCs on the same Customer Connection. Unique ATM Customer Connections operating at transmission speeds of 44.210 Mbps and 149.760 Mbps are available to provide Back-Up Capability as described in A40.8.2.A.22-following.	(<u>T)(O)</u>
		A Circuit Emulation Customer Connection is available for customer requirements to interwork existing DS1 level services utilizing time division multiplexing (TDM) across public ATM networks.	<u>(O)</u>
		Customers with ATM Service requirements between 1.536 Mbps and 44.210 Mbps at a single premises may utilize either ATM Customer Connections using Inverse Multiplexing for ATM (IMA) or ATM Subrate T3 Customer Connections to economically serve that location. IMA Customer Connections provide the customer ATM Customer Connections at speeds of 3.072 Mbps, 4.608 Mbps, 6.144 Mbps, 7.680 Mbps, 9.216 Mbps, 10.752 Mbps, and 12.288 Mbps. ATM Subrate T3 Service provides ATM Customer Connections at speeds of 18 Mbps, 24 Mbps, 30 Mbps, and 36 Mbps.	<u>(O)</u>
	2.	ATM Service Network Serving Area	<u>(O)</u>
		Certain Company Central Offices are designated by the Company as Serving Area Points for the ATM Service Network Serving Area.	<u>(O)</u>
		A customer accessing the ATM Service network, whose Serving Wire Center is designated a Serving Area Point, requires a Broadband Line-Fast Packet Option (FPO) as described in A40.5-of this Tariff. An ATM Service customer, whose Serving Wire Center is not designated a Serving Area Point, will use a Broadband Line-FPO to the Serving Wire Center, as well as, the Broadband Line Extension-FPO (also described in A40.5) to gain access to the closest designated Serving Area Point.	<u>(T)(O)</u>
	3.	Permanent Virtual Circuit (PVC)	<u>(O)</u>
		A PVC is a software defined data path transporting data within the ATM Service network between two ATM Customer Connections. This data path, once defined in the network software, does not have to be established again. PVCs are end-to-end, bi-directional channels that are established via the service provisioning process.	<u>(O)</u>
	4.	PVC Service Categories	<u>(O)</u>
		PVC service categories are established to support the service requirements of various categories of customer applications for ATM PVCs. Four PVC service categories are available. The customer must specify the desired service category for each PVC that is ordered. ATM Service supports the following types of PVC service categories:	<u>(O)</u>
		a. Constant Bit Rate (CBR): CBR allows for applications where a PVC requires special network timing requirements (i.e., strict cell loss, cell delay and cell delay variation performance). For example, a CBR PVC would be utilized for applications requiring circuit emulation (i.e., a continuously operating logical channel) over ATM Service at transmission speeds comparable to DS1 and DS3. Such applications would include private line like service or voice type service where delays in transmission cannot be tolerated. The customer specifies the bandwidth required for each CBR PVC when it is ordered.	<u>(O)</u>
		b. Variable Bit Rate - Real Time (VBR-RT): VBR-RT allows for applications where a PVC requires low cell delay variation. For example, VBR-RT would be utilized for applications such as variable bit rate video compression and packet voice and video, which are somewhat tolerant of delay. The customer specifies the bandwidth required for each VBR-RT PVC when it is ordered.	<u>(O)</u>
		c. Variable Bit Rate - Non-Real Time (VBR-NRT): VBR-NRT allows for a PVC that can tolerate larger cell delay variations than VBR-RT. For example, VBR-NRT would be utilized for applications such as data file transfers. The customer specifies the bandwidth required for each VBR-NRT PVC when it is ordered.	<u>(O)</u>
		d. Unspecified Bit Rate (UBR): UBR allows for a PVC where the user does not require one of the PVC service categories described in a. through c. preceding. For example, UBR would be utilized where the customer seeks a low cost method of transporting bursty data for non-critical applications that can tolerate delay variations. The	<u>(O)</u>

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC. Cancels Third Revised Page 20.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

Company will attempt to deliver all ATM cells received via UBR PVCs; however, network congestion may result in loss of ATM cells.

TELECOMMUNICATIONSTELECOMMUNICATIONS, INC. Cancels Original Page 20.2

FLORIDA

segments are required.

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: September 24, 1999

<u>EFFECTIVE: September 19, 2011</u><u>EFFECTIVE: September 19, 2011</u><u>EFFECTIVE: October 11, 1999</u> <u>BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FL</u>BY: Joseph P. Lacher, President -FL

Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A <u>1</u> 40.	8 A	synchronous Transfer Mode (ATM) Service (Cont'd)	<u>(T)(O)</u>
A <u>1</u> 4).8.2	Regulations (Cont'd)	<u>(T)(O)</u>
А.	Exp	planation of Terms (Cont'd)	<u>(O)</u>
	5.	PVC Traffic Parameters	
		In accordance with the specifications for ATM Service set forth in the technical publications referenced in A <u>I</u> 40.8.1.C preceding, each non-UBR type PVC has a set of traffic parameters to describe the characteristics of the information being transmitted. Fixed values for these traffic parameters are derived from the PVC bandwidth specified by the customer for each PVC. These parameters are:	<u>(T)(O)</u>
		a. Peak Cell Rate (PCR) - The PCR, in cells per second, is an upper bound on the source traffic that can be submitted on an ATM Customer Connection. PCR is a traffic parameter considered for CBR and VBR service categories.	<u>(O)</u>
		PCR is the only traffic parameter considered for a CBR PVC; the equivalent bandwidth per CBR PVC equals the PCR, in cells per second, times 0.000424.	<u>(O)</u>
		PCR is one of three traffic parameters considered for a VBR PVC. For a VBR-RT PVC, PCR is 200 percent of the SCR described following. For a VBR-NRT PVC, unless specified otherwise by the customer, PCR is 400 percent of the SCR described following.	<u>(O)</u>
		b. Sustainable Cell Rate (SCR) - The SCR, in cells per second, is an upper bound on the conforming average cell rate of an ATM Customer Connection over time.	<u>(O)</u>
		SCR is a traffic parameter considered only for a VBR PVC. The equivalent bandwidth per VBR-RT PVC is equal to the SCR, in cells per second, times 0.000512. The bandwidth per VBR-NRT PVC is equal to the SCR, in cells/second, times 0.000804.	<u>(O)</u>
		c. Maximum Burst Size (MBS) - MBS is the maximum number of consecutive cells that may be transmitted at the peak cell rate.	<u>(O)</u>
		MBS is a traffic parameter considered only for a VBR PVC. For a VBR-RT PVC, the MBS is fixed at 32 cells. For a VBR-NRT PVC, the MBS is fixed at 100 cells.	<u>(O)</u>
	6.	PVC Segment	<u>(O)</u>
		For ATM Service, the PVC segment defines the logical path between a customer's premises and the ATM Customer Connection on the ATM switch. An ATM PVC segment must be provisioned by the Company via service order activity and remain in place until requested to be removed by the customer. For ATM Service, two PVC segments are mapped	<u>(O)</u>

together through the ATM switch to create a PVC representing a virtual channel through the ATM network. To allow one customer premises to communicate with another customer premises, two ATM Customer Connections and two PVC

TELECOMMUNICATIONSTELECOMMUNICATIONS, INC. Cancels Original Page 20.2.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: November 30, 2001

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: December 17, 2001

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A <u>1</u> 40.8	3 A	synchronous Transfer Mode (ATM) Service (Cont'd)	<u>(T)(O)</u>
A <u>1</u> 40	.8.2 I	Regulations (Cont'd)	<u>(T)(O)</u>
А.	A. Explanation of Terms (Cont'd)	<u>(O)</u>	
	7.	PVC Segment Bandwidth	<u>(O)</u>
		A PVC Segment Bandwidth Charge is applicable for each CBR or VBR segment. Such non-UBR PVC equivalent bandwidth represents the ATM Service network resources based on the PVC's traffic parameters. The PVC Segment Bandwidth Charge is derived by multiplying the PVC segment's equivalent bandwidth (calculation following) by the appropriate PVC Segment Bandwidth Charge (expressed in megabits or increments of 64 Kbps as described following).	<u>(O)</u>
		The following calculations are applicable for determining non-UBR PVC segment bandwidth based upon the PVC service category.	<u>(O)</u>
		(a) CBR equivalent bandwidth is equal to the PCR (cells per second) times 0.000424. PCR is equal to increments of 64 Kbps of equivalent bandwidth times 150.943, or megabits of equivalent bandwidth times 2358.491.	<u>(O)</u>
		(b) VBR-RT equivalent bandwidth is equal to the SCR (cells per second) times 0.000512. For VBR-RT service, the PCR is fixed at 200 percent of the SCR and the MBS is fixed at 32 cells. SCR is equal to increments of 64 Kbps of equivalent bandwidth times 125.000, or megabits of equivalent bandwidth times 1953.125.	<u>(O)</u>
		(c) VBR-NRT equivalent bandwidth is equal to the SCR (cells per second) times 0.000804. For VBR-NRT service, the PCR is fixed at 400 percent of the SCR (unless specified otherwise by the customer) ¹ and the MBS is fixed at 100 cells. SCR is equal to increments of 64 Kbps of equivalent bandwidth times 79.602, or megabits of equivalent bandwidth times 1243.781.	<u>(O)</u>
		Where the result from the PVC segment equivalent bandwidth calculation is greater than 1.536 Mbps, the value is expressed in units of megabits and (if a fraction of a megabit) is rounded up to the next whole megabit. This bandwidth is multiplied by the Per Megabit Bandwidth Charge.	<u>(O)</u>

Note 1: VBR-NRT equivalent bandwidth, where the PCR to SCR ratio is specified by the customer, is determined using the formula in Section 1.3.4 of BellSouth Technical Reference 73585.

TELECOMMUNICATIONSTELECOMMUNICATIONS, INC. Cancels First Revised Page 20.3

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: November 30, 2001

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: December 17, 2001 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES

A <u>1</u> 40.8 Asynchronous Transfer Mod	le (ATM) Service (Cont'd)
---	---------------------------

A140.8.2 Regulations (Cont'd)

- A. Explanation of Terms (Cont'd)
 - 7. PVC Segment Bandwidth (Cont'd)

Where the result from the PVC segment equivalent bandwidth calculation is less than or equal to 1.536 Mbps, that number should be divided by .064 Mbps to arrive at a quantity of 64 Kbps increments. If the resulting number is not a whole number, it is rounded up to the next whole number and represents the number of 64 Kbps increments that should be utilized in the derivation of the PVC Segment Bandwidth Charge. This bandwidth is multiplied by the Per Increment of 64 Kbps Bandwidth Charge.

The following table illustrates the PVC segment equivalent bandwidth calculation for each non-UBR type PVC with one (1) megabit of bandwidth.

			Traffic Paramete	er
ATM PVC		Peak	Sustainable	Maximum
Service	Equivalent	Cell	Cell	Burst
Category	Bandwidth	Rate ¹	Rate ¹	Size ²
CBR	1 Megabit	2,358	N/A	N/A
VBR-RT	1 Megabit	3,906	1,953	32
VBR-NRT	1 Megabit	4,975	1,244	100

8. Switched Virtual Circuit (SVC)

An SVC is a software defined data path within the ATM Service Network between two ATM Customer Connections that is not permanent, but established on demand by the customer when information transfer is needed and then taken down after the transmission is finished by the customer.

9. SVC Service Categories

SVC service categories are established to support the service requirements of various categories of customer applications for ATM SVCs. The same four service categories are available for SVCs as PVCs (i.e. CBR, VBR-RT, VBR-NRT and UBR). These service categories are described in A<u>1</u>40.8.2.A.4 preceding.

10. SVC Traffic Parameters

In accordance with the specifications for ATM Service set forth in the technical publications referenced in A $\underline{I}40.8.1.C$ (T)(O) preceding, each non-UBR SVC has a set of traffic parameters to describe the characteristics of the information being transmitted. The traffic parameters are the same for SVCs as for PVCs; these parameters are described in A $\underline{I}40.8.2.A.5$ preceding.

11. SVC Bandwidth

SVC Bandwidth is selected by the customer to accommodate the total cumulative SVC bandwidth requirements for the maximum number of simultaneous SVC calls allowed on that Customer Connection. Per SVC bandwidth requirements are determined using the same parameters specified for PVC bandwidth requirements described in Section A<u>1</u>40.8.2.A.7.

12. SVC Address

The Company assigns SVC addresses for each Customer Connection requested to transmit and/or receive SVCs. The customer provisions these addresses in his customer premises equipment (CPE). The data path for an SVC is then established on demand via the customer's CPE issuing a call setup request to the ATM switch. The setup request contains the addresses of the two ATM Customer Connections to be connected and SVC traffic contract information. This information allows the ATM switch to establish the end-to-end, bi-directional virtual circuit between the specified addresses with the appropriate bandwidth and service quality information necessary to support the customer's application. The SVC is disconnected when the customer's CPE signals a release to the ATM switch.

Note 1:	Cells per second.	<u>(O)</u>
Note 2:	Cells.	<u>(O)</u>

<u>(T)(O)</u>

(<u>O)(T)</u> (O)

 $(\mathbf{0})$

 $(\mathbf{0})$

(<u>(</u>) (<u>(</u>) (0)

 $(\mathbf{0})$

 (\mathbf{O})

 (\mathbf{O})

(O)

 $(\mathbf{0})$

(O)

 $(\mathbf{0})$

BELLSOUTH	GENERAL SUBSCRIBER SERVICE TARIFF Original Page 6.6Original Page 6.6Orig	jinal
Page 20.3.1		
FLORIDA	NICATIONS TELECOMMUNICATIONS TELECOMMUNICATIONS, INC.	
ISSUED: Septe	mber 16, 2011ISSUED: September 16, 2011ISSUED: October 8, 1999	
	EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: October 22, 1999	
BY: Marshall N	1. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL	
Miami, Flo	rida	
A140	. OBSOLETE SERVICE OFFERINGS - PAST PACKET TRANSPORT SERVICES	
A <u>1</u> 40.8 As	ynchronous Transfer Mode (ATM) Service (Cont'd)	<u>(T)(O)</u>
A <u>1</u> 40.8.2 I	Regulations (Cont'd)	<u>(T)(O)</u>
A. Expl	anation of Terms (Cont'd)	<u>(O)</u>
13.	SVC Traffic Contract Information	<u>(O)</u>
	Traffic contract information provided by the customer's CPE within each SVC setup consists of four major components: the SVC Service Category, the SVC Connection Traffic Descriptor, the SVC Conformance Definition and SVC Compliant Connection Definition.	<u>(O)</u>
	 SVC Service Category: Service categories for SVCs are the same as described for PVC's in A<u>1</u>40.8.2.A.4 preceding (CBR, VBR-RT, VBR-NRT and UBR). 	<u>(O)</u> (<u>(T)(O)</u>
	 SVC Connection Traffic Descriptor: This data identifies the rates of cell traffic to be expected with that SVC, i.e., the SVC traffic parameters are sustainable cell rate, peak cell rate and maximum burst size. The determination of SVC traffic parameters is identical 	<u>(O)</u> (<u>(T)(O)</u>
	 to the determination of PVC traffic parameters as described in A<u>I</u>40.8.2.A.5-preceding. SVC Conformance Definition: 	<u>(O)</u>
	This data identifies how the ATM network manages the user traffic to ensure that this SVCs traffic parameters are not exceeded.	<u>(O)</u>
	 SVC Compliant Connection Definition: This data determines the degree of tolerance that is afforded to a given SVC's non-conformity before it is considered non-compliant. 	<u>(O)</u> (O)
14.	SVC Bundles	<u>(O)</u>
	ATM SVCs are offered in bundles of 5 SVCs as a rate element. For each bundle of 5 SVCs, a customer may have 5 simultaneous SVC calls. The customer determines the total maximum number of simultaneous SVC calls that will be required over his Customer Connection and selects the number of bundles which will meet this need.	<u>(O)</u>
15.	SVC Point-to-Point and Point-to-Multipoint Capability	<u>(O)</u>
	SVCs can be either point-to-point or point-to-multipoint connections.	<u>(O)</u>
	- A point-to-point SVC connects two ATM SVC addresses and is bi-directional.	<u>(O)</u>
	 A point-to-multipoint SVC connects a single originating SVC address to multiple destination SVC addresses and is unidirectional (permitting only the originating SVC address to transmit and the destination SVC addresses to receive). The originating SVC address specifies the destination addresses for each specific SVC connection. All cell replication is done within the ATM Service network. The customer's CPE must be capable of initiating point- to-multipoint connections. 	<u>(O)</u>
16.	SVC Closed User Group (CUG)	<u>(O)</u>
	A SVC Closed User Group (CUG) may be established by an ATM customer in association with Customer Connections capable of transmitting SVCs. A CUG will restrict the requested SVC addresses to communicate with only the other ATM SVC addresses identified within its CUG; this precludes any SVC address to transmit or receive SVCs to/from any other SVC address not identified as a part of the CUG. An individual Customer Connection equipped for SVCs may be a part of more than one CUG.	<u>(O)</u>
17.	ATM Circuit Emulation Service	<u>(O)</u>
	ATM Circuit Emulation Service allows the interworking of ATM Service with time division multiplexing (TDM) services at a DS1 level. ATM Circuit Emulation allows the encapsulation of DS1 level TDM Service into ATM cells by using AAL1 adaptation. (Adaptation defines how higher layer information such as voice, data and video are placed in the payload of the 53-byte ATM cells.) ATM Circuit Emulation Service is provided to emulate a structured or unstructured DS1 service; when provided to emulate a structured DS1, service may be requested with or without Channel Associated Signaling (CAS).	<u>(O)</u>
18.	ATM Customer Connection Using Inverse Multiplexing for ATM Service (IMA)	<u>(O)</u>
	A customer requiring more ATM bandwidth than 1.536 Mbps but less than 44.210 Mbps, can economically utilize IMA to achieve ATM speeds in multiples of 1.536 Mbps and thereby avoid subscribing to a 44.210 Mbps Customer Connection. IMA is a physical layer technology in which a high-speed cell stream is broken down and transported across multiple 1.536 Mbps links, then reconstructed back into the original stream at the ATM switch or other associated ATM equipment. IMA Customer Connections are available at speeds in multiples of 1.536 Mbps (in quantities from 2 to 8)	<u>(O)</u>

BELLSOUTH Page 20.3.1

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC.

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: October 8, 1999

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: October 22, 1999

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

which results in ATM Customer Connections of 3.072 Mbps, 4.608 Mbps, 6.144 Mbps, 7.680 Mbps, 9.216 Mbps, 10.752 Mbps, and 12.288 Mbps.

Cancels Third Revised Page 20.3.2

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES

A <u>1</u> 40.	8 As	synchronous Transfer Mode (ATM) Service (Cont'd)	<u>(T)(O)</u>			
A140	0.8.2	Regulations (Cont'd)	<u>(T)(O)</u>			
A.	Explanation of Terms (Cont'd)					
	19.	Feature Change Charge	(0)			
		A Feature Change Charge is a nonrecurring charge which applies whenever a change is made (at the customer's request) to add or change ATM service as specified in <u>A140.8.2.</u> C.1.e. following.	<u>(T)(O)</u>			
	20.	Serving Area Point (SAP)	<u>(O)</u>			
		A Serving Area Point (SAP) is a Company Central Office that is designated as a member of the ATM Service Network Serving Area. (See the explanation of ATM Service Network Serving Area preceding.)	<u>(O)</u>			
	21.	Oversubscription	<u>(O)</u>			
		A customer may establish multiple virtual circuits (VCs, which are PVCs and/or SVCs) on an ATM Service Customer Connection. ¹ VCs with a VBR service category are eligible to subscribe to more than the available equivalent bandwidth on the Customer Connection after bandwidth for CBR is assigned. This is called oversubscription. This allows the customer to take advantage of the fact that not all of these VCs will be active simultaneously. However, the network's apparent performance will be degraded if the customer attempts to make use of this overbooked commitment (or oversubscription) beyond the capacity of the ATM Service Customer Connection. In the worst case, attempts to fully utilize such overbooked commitment may appear to the customer as network unavailability.	<u>(O)</u>			
		The amount of oversubscription (expressed as a percentage) for a Customer Connection will be determined by:	<u>(O)</u>			
		Sum of VBR equivalent bandwidths	<u>(O)</u>			
		Customer Connection speed – sum of CBR equivalent bandwidths times 100	<u>(O)</u>			
		In order to qualify for Network Service Level Agreements (SLAs) (as specified in B.6following), an ATM service Customer Connection may only oversubscribe PVC VBR bandwidth up to 200% according to the specific formula below, which also seeks to exclude SVC bandwidth from the total available bandwidth. In the event the customer exceeds this oversubscription limit, Network SLA credits will not be issued. The customer then must either upgrade their ATM Service Customer Connection speed or subscribe to an additional Customer Connection(s) to remain less than or equal to the 200% oversubscription limit to qualify for future Network SLA crediting.	<u>(T)(O)</u>			
		Sum of PVC VBR equivalent bandwidths	<u>(O)</u>			
		Customer Connection speed – SVC bandwidth – sum of CBR equivalent bandwidths times 100	<u>(O)</u>			
	22.	Back-Up Capability	<u>(O)</u>			
		Back-Up Capability is available on an optional basis (via unique Back-Up Customer Connections with transmission speeds of either 44.210 Mbps or 149.760 Mbps) and provides the customer with the ability to have a back-up logical port configured to his PVC service needs in the event that the customer's primary connection at 44.210 Mbps or 149.760 Mbps is disabled. A Back-Up Customer Connection utilizes a Broadband Line (with Broadband Line Extension Service, as appropriate). Both the Back-Up Customer Connection and its associated Broadband Line Service are specifically dedicated to providing back-up service and remain idle except when being utilized for back-up purposes.	<u>(O)</u>			
		Note 1: The maximum VBR oversubscription allowed on a Subrate T3 Customer Connection (any speed) is 200%.	<u>(O)</u>			

BELLSOU	JTH	GENERAL SUBSCRIBER SERVICE TARIFF Original Page 6.8Original Page 6.8Orig	inal
Page 20.3.	2.0.1		
TELECON		<u>JNICATIONSTELECOMMUNICATIONS</u> TELECOMMUNICATIONS, INC.	
ISSUED:	Septe	ember 16, 2011 ISSUED: September 16, 2011ISSUED: April 14, 2003	
		EFFECTIVE: September 19, 2011 EFFECTIVE: September 19, 2011 EFFECTIVE: April 29, 2003	
BY: Marsl	hall N	M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL	
Miam	1, FIC		
A	140	. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES	
A <u>1</u> 40.8	As	synchronous Transfer Mode (ATM) Service (Cont'd)	<u>(T)(O)</u>
A <u>/</u> 40.	8.2]	Regulations (Cont'd)	<u>(T)(O)</u>
А.	Exp	lanation of Terms (Cont'd)	<u>(O)</u>
	22.	Back-Up Capability (Cont'd)	
		The customer must prearrange with the Company which primary Customer Connections(s) may be directed to a specific Back-Up Customer Connection so that the necessary work is done by the Company which is required prior to back-up capability being possible. An ATM Customer Connection so identified which may be redirected in the event of a failure is referred to as a back-up enabled primary Customer Connection, or referred to herein as simply the primary Customer Connection. An ATM primary Customer Connection may only utilize an ATM Back-Up Customer Connection. A primary Customer Connection must be in the same ATM Network Serving Area as its Back-Up Customer Connection. A primary Customer Connection may have only one Back-Up Customer Connection; however, a Back-Up Customer Connection may serve as the back-up for more than one primary Customer Connection; however, a Back-Up Customer Connection may only be actively in use with one primary Customer Connection at any given time. The Back-Up Customer Connection must be the same size as the customer's largest primary Customer Connection.	<u>(O)</u>
		The Back-Up Customer Connection is manually activated by the Company when the customer requests service from a primary Customer Connection to be redirected to its pre-identified Back-Up Customer Connection. All PVCs associated with the primary Customer Connection are rerouted to the Back-Up Customer Connection ¹ . As a technical limitation, Back-Up Capability does not function in association with SVCs; if a primary Customer Connection with both PVCs and SVCs is redirected to its Back-Up Customer Connection, only the PVCs will be redirected and operational.	<u>(O)</u>
		A Back-Up Customer Connection is not eligible for Network Service Level Agreements (SLAs) specified in B.6. following.	<u>(T)(O)</u>
В.	Basi	is of Offering	<u>(O)</u>
	1.	Detailed monthly billing is not provided.	<u>(O)</u>
	2.	Suspension of service is not allowed.	<u>(O)</u>
	3.	Obligations of Customer and Company	<u>(O)</u>
		a. The Company is not responsible for the installation, operation, or maintenance of any equipment provided by the customer.	<u>(O)</u>
		b. The customer is responsible for the provision and maintenance of all Customer Provided Equipment (CPE) and to ensure that the operating characteristics of this equipment are compatible with and do not interfere with the service offered by the Company.	<u>(O)</u>
		c. The maximum number of virtual channels (PVC segments plus simultaneous SVCs) allowed per Customer Connection are specified in BellSouth Technical Reference 73585.	<u>(O)</u>
	4.	In order to maintain the quality of ATM Service, the Company reserves the right to perform preventive maintenance of software updates to the network. This could result in ATM Service being unavailable during the time period between 2:00 A.M. and 4:00 A.M. Eastern Time on any given Wednesday or Sunday morning. However, the Company expects only to utilize this maintenance window for any given switch on the average of once a quarter. In addition, the Company will make every reasonable effort to provide advance notice to those customers likely to be severely affected by such maintenance work. This maintenance window may be adjusted by the Company upon written notice to the customer.	<u>(O)</u>

- 5. The minimum service period is 12 months.
 - **Note 1:** To appropriately provision new PVCs ordered subsequent to a primary Customer Connection (O) being enabled for Back-Up Capability, subsequent orders for PVCs should specify that the PVCs are being requested in association with a primary Customer Connection.

<u>(O)</u>

Material appearing on this page previously appeared on page(s) 20.3.2 of this section.

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC. Cancels Original Page 20.3.2.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A<u>1</u>40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

A140.8.2 Regulations (Cont'd)

- B. Basis of Offering (Cont'd)
 - 6. Service Level Agreement

ATM Service includes Service Level Agreements (SLAs) which specify the Company's provisioning, repair and performance commitments for ATM Service in specific areas. Provisioning and repair commitments are measured on a per occurrence basis. Network service level commitments are monthly performance measurements. The following service measurements will outline the service levels that the Company will deliver to its ATM customers.

Provisioning and Repair:

- ATM Installation Interval
- ATM Time-To-Repair

Network Service Levels:

- ATM Network Availability
- ATM Cell Loss Ratio
- ATM Cell Delivery Rate

Service Level Commitments will define ATM Service measurements that the Company agrees to provide every customer. If the Company fails to meet a Service Level Commitment, the customer is eligible for a SLA credit. Credits for missed Network Service Level Commitments will only be available to customers subscribing to the Gold Package in Customer Network Management from A<u>1</u>40.12-of this Tariff. Billing credits which may apply if the Company does not meet the objectives associated with these stated SLAs (specifically covering rates for ATM Service and associated Broadband Line Service from Section A40.-of this tariff) are provided as set forth in c. following. Credits only apply for portions of service supplied by the Company.

(<u>O)(T)</u> (<u>O)(T)</u>

> (<u>O</u>) (O)

> > $(\mathbf{0})$

 $(\mathbf{0})$

 $(\mathbf{0})$

(0**)**

 $(\mathbf{0})$

 $(\mathbf{0})$

(O)

 $(\mathbf{0})$

(T)(O)

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC. Cancels Original Page 20.3.3

FLORIDA

1

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: December 6, 2002

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: December 21, 2002

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A <u>1</u> 40.8	8 A	syn	chronous Transfer Mode (ATM) Service (Cont'd)	<u>(T)(O)</u>
A140	.8.2	Reg	ulations (Cont'd)	<u>(T)(O)</u>
B .	Bas	sis of	Offering (Cont'd)	<u>(O)</u>
	6.	Se	rvice Level Agreement (Cont'd)	<u>(O)</u>
		a.	SLA Service Level Commitments	<u>(O)</u>
			The Company's Service Level Commitments for ATM Service are as follows:	<u>(O)</u>
			- ATM Installation Interval - Standard Interval	<u>(O)</u>
			- ATM Time-To-Repair on customer sites within the ATM Network Serving Area - 4 hours	<u>(O)</u>
			- ATM Network Availability on a customer's network within the ATM Network Serving Area – 99.9%	<u>(O)</u>
			- ATM Cell Loss Ratio – 1%	<u>(O)</u>
			- ATM Cell Delivery Rate with CBR Class of Service – 99.99%	<u>(O)</u>
			- ATM Cell Delivery Rate with VBR real-time Class of Service – 99.9%	<u>(O)</u>
			- ATM Cell Delivery Rate with VBR non real-time Class of Service – 99.5%	<u>(O)</u>
		b.	SLA Restrictions	<u>(O)</u>
			The Company will implement SLA provisioning restrictions that will define customer network design requirements and limitations to <u>BellSouth'sthe Company's</u> commitment to meet Service Levels for ATM Service. Customer network design requirements are intended to limit or negate <u>BellSouth'sthe Company's</u> obligation to provide SLA credits when the customer has under-engineered their BellSouth ATM network. The customer network design requirements are as follows:	<u>(T)(O)</u>
			- The customer's network must have a minimum of 10 Customer Connections for the Company to provide SLA credits.	<u>(O)</u>
			- The total VBR equivalent bandwidth on all PVCs (after the CBR bandwidth is subtracted) carried by any of the customer's ATM Customer Connections may not be greater than 200% of the Customer Connection speed (oversubscription).	<u>(O)</u>
			 A customer must be subscribing to the Gold Package in Customer Network Management (CNM) from A<u>1</u>40.12 to receive credits for missed Network Service Level Commitments. Customer Connections at both ends of a PVC must have the CNM Gold Package or equivalent. In the event only one end of a PVC is ordered from this Tariff<u>Guidebook</u>, credits will only be issued for the rate elements ordered from this Tariff<u>Guidebook</u>. 	<u>(T)(O)</u>
			SLA credits do not apply when any stated objective is not met because the Company does not have control over the circumstances causing the objective to be missed. Situations over which the Company does not have control can be defined as, but not limited to, the following:	<u>(O)</u>
			- any act, any omission or negligence on the part of the customer, any other customer or any third party, or of any other entity providing a portion of the service,	<u>(O)</u>
			- labor difficulties, governmental orders, civil commotions, declared National Emergencies, criminal actions against the Company, acts of God, war, or other circumstances beyond the Company's control,	<u>(O)</u>
			- the customer's premises equipment,	<u>(O)</u>
			- unavailability of the customer's facilities and/or equipment, and	<u>(O)</u>
			- customer oversubscription of ATM Service Customer Connections.	<u>(O)</u>
			SLA commitments only apply for service wholly within Company territory. SLA commitments will not apply for circuits which are part of a jointly provided service. SLA commitments do not apply for service provided by other telephone companies concurring in the rates and regulations of the Company.	<u>(O)</u>

Material previously appearing on this page now appears on page(s) 20.3.4 of this section.

TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC. Cancels First Revised Page 20.3.4

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES

A <u>1</u> 40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)	<u>(T)(O)</u>
A140.8.2 Regulations (Cont'd)	<u>(T)(O)</u>
B. Basis of Offering (Cont'd)	(0)
6. Service Level Agreement (Cont'd)	(0)
b. SLA Restrictions (Cont'd)	<u>(O)</u>
The customer must request a credit within one calendar month of the Company missing an ATM Service Level Commitment. The Company will investigate customer requests for any SLA credits to determine the cause of an performance failures reported by the customer. The Company will investigate the customer's request over a period of up to 45 calendar days. The 45-day period will begin when the customer makes the request for credit with the BellSouth-Sales Representative. SLA credits will be provided to the customer if the Company determines that the had control over the circumstances causing the failure. If the Company determines that these failures are the resu of oversubscription of ATM Service Customer Connections, the Company will provide the customer with the report documenting the oversubscription and Network SLA credits will not be issued. The customer will be required to upgrade their ATM Service Customer Connections or no future SLA credits will be allowed on that ATM Service Customer Connection(s).	! (T)(O) y d ir y y lt .s o e e
When a customer requests a SLA credit for ATM Network Availability, all requests for a calendar month must b submitted at the same time. For example, the customer receives a SLA report on May 1 st providing a report on Apr performance. Any requests for Network Availability SLA credits on Customer Connections for the month of Apr must all be submitted together.	e <u>(O)</u> il il
c. SLA Credits for ATM Service Level Commitments	<u>(O)</u>
The following credits will apply when the Company misses a Service Level Commitment (each credit is described i (1) thru (5) following):	n <u>(O)</u>
- ATM Installation Interval – Credit non-recurring installation charge paid by the customer	<u>(O)</u>
- ATM Time-To-Repair - Credit one day of Monthly Recurring Charge (MRC)	<u>(O)</u>
- ATM Network Availability – Credit one day of MRC	<u>(O)</u>
- ATM Cell Loss Ratio – Credit MRC	<u>(O)</u>
- ATM Cell Delivery Rate – Credit MRC	<u>(O)</u>
The SLA credit amount will be determined by applying the credits outlined above to the rate elements or total bille revenues specified following.	d <u>(O)</u>
(1) ATM Installation Interval Credit - this credit will only apply to the installation or upgrade of an ATM Custome Connection. The credit will be equal to the nonrecurring installation charge for the Customer Connection Broadband Line and Broadband Line Extension. The credit will not apply to expedited installations or to installations where no facility and/or switch exist. If on the due date the customer is not ready or in a cas where another of the customer's service providers (including the customer's provider of customer premise equipment, interexchange service, or other local service provider) is not ready, the Company is not liable for missing the due date and SLA credits do not apply.	r (O) 1, 0 e S or
(2) ATM Time-To-Repair Credit - this credit will require that the customer report the problem to the BellSout Repair Center. The repair interval will start with the time entered on the trouble ticket. The Service Leve Commitment measurement will be based on each individual trouble ticket for a Customer Connection Multiple trouble tickets on the same day for the same Customer Connection will only be eligible for one time to-repair credit. The credit will be one day of the MRC for the Customer Connection and Broadband Lin	h (O) xl 1. x-

Connection and Broadband Line.

Credits on any individual Customer Connection for a calendar month cannot exceed the MRC for the Customer

A140.8.2 Regulations (Cont'd)

B. Basis of Offering (Cont'd)

Service Level Agreement (Cont'd)

6.

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A140.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(T)(O)

(T)(O)

<u>(O)</u>

<u>(O)</u>

 $(\mathbf{0})$

 $(\mathbf{0})$

- c. SLA Credits for ATM Service Level Commitments (Cont'd)
 - (3) ATM Network Availability this credit will apply in the event that the measurement for the customer's network is missed. The credit will then be for each ATM Customer Connection which does not meet the 99.9% availability commitment. The credit will be one day of the MRC of the ATM Customer Connection and the Broadband Line. The unavailability of a Customer Connection will be calculated from the trouble tickets submitted for the Customer Connection. The unavailability of a customer's network will be calculated from the trouble tickets submitted for each Customer Connection within the customer's network. The Service Level Commitment will be calculated by first subtracting the unavailable time from the total available time for a particular calendar month and then dividing it by the total available time. Included in available time are scheduled maintenance windows and time the network was unavailable due to circumstances outside the Company's control.
 - (4) ATM Cell Loss Ratio measurement will be on each ATM PVC. The credit will be equal to the MRC for the $(\mathbf{0})$ PVC Segment Charge of the VPI/VCI pair making up the PVC.
 - ATM Cell Delivery Rate measurement will be on each ATM PVC. The credit will be equal to the MRC for (5) $(\mathbf{0})$ the PVC Segment Charge of the VPI/VCI pair making up the PVC.

TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels Second Revised Page 20.4

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: April 14, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: April 29, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A <u>1</u> 40.	8 A	syn	chr	onous Tra	insfer Mode (ATM) Service (Cont'd)	<u>(T)(O)</u>	
A <u>1</u> 4	0.8.2	Reg	ulatio	ons (Cont'd)		<u>(T)(O)</u>	
C.	Pro	visio	n of S	ervice		<u>(O)</u>	
	1.	Ra	tes an	d charges contai	ined in this Section of the Tariff consist of the following elements:	<u>(T)(O)</u>	
		a.	Cus	tomer Connectio	on to ATM Service	<u>(O)</u>	
			(1)	The ATM Cus the transport from the one Customer	stomer Connection rate element includes the termination on the ATM switching equipment and from ATM Serving Area Points to that switch (unless specified otherwise herein). A minimum of Connection is required per customer to subscribe to ATM Service.	<u>(O)</u>	
				Rates for the the Mbps are flat within a Network Mbps, 7.680 flat. 44.210 Mbps.	following ATM Customer Connections at speeds of 1.536 Mbps, IMA, Subrate T3 and 44.210 rated based upon the average airline distance of ATM Serving Area Points from the ATM switch vork Serving Area: 1.536 Mbps (including Circuit Emulation ¹), 3.072 Mbps, 4.608 Mbps, 6.144 Mbps, 9.216 Mbps, 10.752 Mbps, 12.288 Mbps, 18 Mbps, 24 Mbps, 30 Mbps, 36 Mbps, and	<u>(O)</u>	
				Rates for an <i>A</i> components. <i>A</i> addition, a Per Airline distance where the ATI the nearest wh	ATM Customer Connection at speeds of 149.760 Mbps and 599.040 Mbps may include two A fixed charge applies per 149.760 Mbps or 599.040 Mbps ATM Customer Connection. In r Mile Charge applies if the ATM switch is not located in the customer's Serving Wire Center. ce will be calculated from the customer's Serving Area Point to the Company Central Office M switch is located within that Network Serving Area. Fractions of miles will be rounded up to to lole mile.	<u>(O)</u>	
			(2)	The unique Bastructured the in (1) precedir	ack-Up Customer Connection rate elements provided at 44.210 Mbps and 149.760 Mbps are same as standard ATM Customer Connections for those same transmission speeds as described ng.	<u>(O)</u>	
		b.	PVC	C Feature Charge	es	<u>(O)</u>	
			PVC	C Feature Charg	es are required to establish PVC connections across the ATM network.	<u>(O)</u>	
			(1)	PVC Segment Connection. A	t Charge - A PVC Segment Charge applies for each PVC segment established over a Customer A PVC Segment Charge is applicable under all ATM PVC service categories.	<u>(O)</u>	
				(2)	PVC Segment established un bandwidth rep non-UBR PV0 segment is det Charge, either	t Bandwidth Charge - A PVC Segment Bandwidth Charge is required per PVC segment nder the CBR or VBR PVC service category (but is not applicable to UBR PVCs). PVC presents ATM Service network resources required for the non-UBR PVC and is based on the C's traffic parameters (i.e., PCR, SCR, and MBS). The total charge for this rate element per termined by multiplying the non-UBR PVC segment bandwidth by the PVC Segment Bandwidth Per Megabit or Per Increment of 64 Kbps (as appropriate per A <u>140.8.2.4.</u> .7. preceding).	<u>(T)(O)</u>
			(3)	UBR Service Connection o regardless of h	Activation Charge - A UBR Service Activation Charge is applicable for each Customer ver which UBR PVCs will traverse. One charge is applicable per Customer Connection now many UBR PVCs will traverse that Customer Connection.	<u>(O)</u>	
		c.	Inte	r-Network Servi	ing Area Link PVC Feature Charges (Refer to A <u>1</u> 40.8.2.C.4.b-following.)	<u>(T)(O)</u>	
				Note 1:	The Unstructured Circuit Emulation – PRI over ATM Customer Connection is flat rated; however, specific charges apply as set forth in A \underline{I} 40.8.2.C.7.a.(1) for mileage between the ATM switch providing circuit emulation capability and the BellSouth [®] Primary Rate ISDN switch.	<u>(T)(O)</u>	

Material previously appearing on this page now appears on page(s) 20.4.0.1 of this section. All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies. Registered Service Mark of BellSouth Intellectual Property Corporation

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: April 14, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: April 29, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES

A <u>1</u> 40.8	8 Async	hronous Transfer Mode (ATM) Service (Cont'd)	<u>(T)(O)</u>
A <u>1</u> 40	.8.2 Regul	ations (Cont'd)	<u>(O)(T)</u>
C.	Provision	of Service (Cont'd)	<u>(O)</u>
	1. Rates	s and charges contained in this Section of the Tariff consist of the following elements: (Cont'd)	<u>(T)(O)</u>
	d. 5	SVC Feature Charges	<u>(O)</u>
	1	SVC Feature Charges are required to enable Customer Connections to establish SVC connections across the ATM network.	<u>(O)</u>
	((1) SVC Service Activation Charge - The SVC Service Activation Charge applies per Customer Connection, which is requested to be enabled to transmit and/or receive SVCs.	<u>(O)</u>
		(2) SVC Bundles - For each Customer Connection activated for SVCs, the customer must determine the maximum number of simultaneous SVC calls that Customer Connection should be sized to accommodate. The rate element for an SVC Bundle provides the capability for up to 5 simultaneous SVC calls. The customer determines how many bundles, or increments of 5 simultaneous SVC calls, are required for each Customer Connection. Where less than 5 simultaneous SVC calls are required, the customer is required to purchase a minimum of one bundle.	<u>(O)</u>
	((3) SVC Bandwidth - For each Customer Connection activated for SVCs, the customer must determine the bandwidth required to accommodate the total volume of simultaneous SVC calls, or total number of SVC bundles, selected for each Customer Connection. Bandwidth represents the ATM Service network resources that will be utilized for that Customer Connection based upon its total SVCs' traffic parameters.	<u>(O)</u>

Where the bandwidth required per Customer Connection activated for SVCs is greater than 1.536 Mbps, the SVC bandwidth value is expressed in units of megabits and (if a fraction of a megabit) is rounded up to the next whole megabit. This bandwidth is multiplied by the SVC Per Megabit Bandwidth Charge.

Material appearing on this page previously appeared on page(s) 20.4 of this section.

A140. <u>OBSOLETE SERVICE OFFERINGS –</u> FAST PACKET TRANSPORT SERVICES

A <u>1</u> 40.8	B As	synchr	onous Tra	insfer Mode (ATM) Service (Cont'd)	<u>(T)(O)</u>
A140	.8.2	Regulati	ons (Cont'd)		<u>(T)(O)</u>
C.	Pro	vision of S	Service (Cont'd)		<u>(O)</u>
	1.	Rates an	d charges contai	ined in this Section of the Tariff consist of the following elements: (Cont'd)	<u>(T)(O)</u>
		d. SVO	C Feature Charge	es (Cont'd)	<u>(O)</u>
		(3)	(Cont'd)		<u>(O)</u>
			Where the ba Mbps, that nu resulting numb of 64 Kbps ind is multiplied b	ndwidth required per Customer Connection activated for SVCs is less than or equal to 1.536 imber should be divided by .064 Mbps to arrive at a quantity of 64 Kbps increments. If the ber is not a whole number, it is rounded up to the next whole number and represents the number crements that should be utilized in the derivation of the SVC Bandwidth Charge. This bandwidth by the SVC Per Increment of 64 Kbps Bandwidth Charge.	<u>(O)</u>
		(4)	SVC Closed U	Jser Group (CUG)	<u>(O)</u>
			Nonrecurring	charges apply for each customer requested CUG.	<u>(O)</u>
			A Per Group r Change Charg Group nonrecu	nonrecurring charge applies per CUG at the time of initial establishment of that CUG. A Feature the is applicable for each subsequent request to change the parameters of an existing CUG; the Per urring charge is not applicable for such requests.	
			A Per Entry no SVC capabilit charge applies The Per Entry established CU	conrecurring charge applies per SVC Address (on an ATM SVC Customer Connection enabled for ty) which is requested by the customer to be included in a CUG. The Per Entry nonrecurring is for each SVC Address requested to be included in a CUG at the time the CUG is established. In onrecurring charge also applies for each SVC Address requested to be included in an already $JG.^{1}$	<u>(O)</u>
			Customer requ treated as a dis other CUG (w	uests to change an SVC Address from being included in one CUG to another CUG shall be sconnect from the CUG the SVC Address is deleted from (at no charge) and as a new entry to the here a Per Entry nonrecurring charge shall be applicable. ¹)	<u>(O)</u>
		e. Fea	ture Change Cha	arge	<u>(O)</u>
		A F A <u>I</u> to p requ app whi Seg CB the	Feature Change 40.8.3.B. and C. perform the wor uests a change in lies when a cust ch currently is r ment which car R PVC to a VBI CBR PVC and a	Charge applies for a customer request to change an existing ATM Service PVC feature from for which there is no nonrecurring charge. One Feature Change Charge applies per service order k requested by the customer. (Examples: A Feature Change Charge applies when a customer n the PVC segment bandwidth required on an existing non-UBR PVC. A Feature Change Charge tomer requests that UBR Service Activation be added to an existing ATM Customer Connection not activated to carry UBR PVCs if the request does not also include an order for a UBR PVC rries a nonrecurring charge. A customer request to change the service category of an existing R-RT PVC would not involve a Feature Change Charge but would be treated as a disconnect of a new request for a VBR-RT PVC for which there is a nonrecurring charge.)	<u>(T)(O)</u>
		Onl the Cha exis	y one Feature C same PVC serv inge Charge wo sting CBR PVCs	Change Charge applies per customer request that involves changes to multiple existing PVCs of vice category that are provisioned out of the same ATM switch. (For example, one Feature ould apply per customer request to change the PVC segment bandwidth associated with two s provisioned out of the same ATM switch.)	<u>(O)</u>
		A H and Cha	Feature Change /or SVC Bandw ange Charge app	Charge applies for a customer request to increase or decrease the quantity of SVC Bundles ² vidth associated with an existing ATM Customer Connection equipped for SVCs. One Feature lies per service order required to perform the work requested by the customer.	<u>(O)</u>
		AF	eature Change C	Charge applies for a customer request to change the parameters on an existing SVC CUG.	<u>(O)</u>
	2.	Certain Network SAP, w Serving Broadba	Company Centra Serving Area. ill only require a Wire Center is r and Line Extensi	al Offices are designated by the Company as Serving Area Points (SAPs) for the ATM Service A customer accessing the ATM Service network, whose Serving Wire Center is designated a a Broadband Line-FPO as described in A40.5-of this Tariff. An ATM Service customer, whose not designated a SAP, will require a Broadband Line-FPO to the Serving Wire Center as well as a ion-FPO (also described in A40.5) to gain access to the closest designated SAP.	<u>(T)(O)</u>
			Note 1:	The application of a Feature Change Charge is not required for such requests.	<u>(O)</u>
			Note 2:	The nonrecurring charge per SVC Bundle applies for each additional SVC Bundle requested.	<u>(O)</u>

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC. Cancels Second Revised Page 20.5

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A <u>1</u> 40.8 A	synchronous Tra	nsfer Mode (ATM) Service (Cont'd)	<u>(T)(O)</u>
A <mark>1</mark> 40.8.2	Regulations (Cont'd)		<u>(T)(O)</u>
C. Pro	vision of Service (Cont'd)		<u>(O)</u>
3.	Charges for installing AT from Section A4. of this change of service instal following.	TM Service are included in the respective nonrecurring charges specified herein. Service Charges Tariff are not applicable for installing such services. Charges applicable for customer requested llation due date and cancellation of service installation are as specified in Section A <u>1</u> 40.9	<u>(T)(O)</u>
4.	Should a customer, havin send PVC data traffic be options:	ng locations in more than one Company ATM Network Serving Area within a LATA, desire to etween these locations, the customer can interconnect these locations through the following two	<u>(O)</u>
	a. Dedicated Connection	on:	<u>(O)</u>
	The customer subscr support inter-serving elements will be use PVC and SVC Featu specifically requeste	ribes to additional Customer Connections (in each Network Serving Area) which are enabled to g area connectivity and Broadband Line Extension-FPOs ¹ to connect them. These additional rate ed solely to transport this customer's data traffic between affected ATM Network Serving Areas. ure Charges apply for VCs through each connection except when these connections have been ed by the customer to be provisioned as customer specific trunks.	<u>(O)</u>
	b. Shared Connection:		<u>(O)</u>
	The Company may Areas in the same facilities are availab Inter-Network Servin	establish facilities between ATM Service switching equipment in different Network Serving LATA and may allow customers to share bandwidth on these facilities; where these shared ble to customers, a shared connection is an option. The customer must establish one or more ng Area Links (INSAL) that extend between ATM switches.	<u>(O)</u>
	(1) Where the cust each link. Cha	tomer wishes to extend PVC Service, one PVC exists between both customer premises through arges for the PVC Inter-Network Serving Area Link are applied as follows:	<u>(O)</u>
	- the PVC Inte	er-Network Serving Area Link Establishment is charged at each end of the link per PVC,	<u>(O)</u>
	- for CBR or Charge is ap PVC Service	VBR PVCs , the appropriate PVC Inter-Network Serving Area Link PVC Bandwidth pplicable for each end of the link per PVC; for UBR PVCs, an Inter-Network Serving Area UBR Activation Charge applies per PVC for each end of the link, and	<u>(O)</u>
	- no additional	PVC Segment Charges apply.	<u>(O)</u>
5.	In some cases, the Comp connect ATM switching by the different companie traffic, the customer mus Serving Area Link PVC Service Activation Charg	bany and another Incumbent Local Exchange Company that offers ATM technology will jointly equipment within a LATA to provide customers the ability to interconnect their locations served es. In order to utilize the Company's portion of this jointly provided shared connection for PVC at subscribe to one end of a PVC Inter-Network Serving Area Link with either an Inter-Network Bandwidth Charge (per CBR or VBR PVC) or a PVC Inter-Network Serving Area Link UBR ge (per UBR PVC).	<u>(O)</u>
6.	For customer locations v other than BellSouth, <u>th</u> transmission speeds of 14 location to the Company	within <u>BellSouth-Company</u> LATAs served by an Incumbent Local Exchange <u>Company-Carrier</u> <u>are Company</u> the appropriate ATM Customer Connection charge for mileage associated with 49.760 Mbps and 599.040 Mbps will be determined by using the airline distance from the switch central office within the ATM Network Serving Area which is the closest designated SAP.	<u>(T)(O)</u>
7.	Circuit Emulation Servic ATM network so that th for the appropriate char specified herein for ATM	ce provides for the emulation of a time division multiplexed (TDM) DS1 circuit through the e customer may interwork TDM services with their ATM Service. The customer is responsible ges for such TDM services from other tariffs <u>service publications</u> in addition to the charges A Service.	<u>(T)(O)</u>
	An Unstructured versus specific DS1 needs to res	Structured Circuit Emulation Customer Connection is selected based upon the customer's spectively interwork an unstructured versus structured DS1 TDM service with ATM Service.	<u>(O)</u>
	Note 1:	The mileage utilized to determine the Broadband Line Extension associated with a Dedicated Connection at speeds equal to or less than 44.210 Mbps is measured from Serving Area Point to Serving Area Point between the two involved Network Serving Areas. The mileage utilized to determine the Broadband Line Extension associated with a Dedicated Connection at speeds of 149.760 Mbps or 599.040 Mbps is measured between the serving wire centers in each	<u>(O)</u>

Network Serving Area where the ATM switches are located.

(T)(O)

(T)(O)

 (\mathbf{O})

 $(\mathbf{0})$

 $(\mathbf{0})$

(T)(O)

TELECOMMUNICATIONSTELECOMMUNICATIONS, INC. Cancels Original Page 20.5.0.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2013 BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A140.8 Asynchronous	Transfer Mode (ATM) Service	(Cont'd)
---------------------	-----------------	--------------	----------

A<u>1</u>40.8.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

- 7. (Cont'd)
 - a. An Unstructured Circuit Emulation Customer Connection accepts the termination of a full DS1 TDM bit stream.
 - (1) A unique Unstructured Circuit Emulation Customer Connection is provided to accept the termination of a full DS1 TDM bit stream from a BellSouth[®] Primary Rate ISDN Service. One Unstructured Circuit Emulation Customer Connection PRI over ATM rate element is required per BellSouth[®] Primary Rate ISDN Interface. One ATM CBR PVC Segment with 2 Megabits of CBR PVC Segment Bandwidth shall apply in association with the service originating from each BellSouth[®] Primary Rate ISDN Interface to the ATM Switch. (Additionally, the standard tariff-charges apply for the corresponding 2 Megabit ATM CBR PVC Segment to which this is mapped within the ATM switch, which is requested on the ATM Customer Connection associated with the customer's premises.)

Appropriate rate elements for the BellSouth[®] Primary Rate ISDN Service when so terminated in ATM Service are as set forth in A42.3. Only BellSouth[®] Primary Rate ISDN Service provided from a central office which is a Serving Area Point within the same ATM Service Network Serving Area as the customer premises to which the service is to be transported may utilize this option. If the ATM switch used to provide the circuit emulation capability for the BellSouth[®] Primary Rate ISDN Service is not in the same central office as the Primary Rate ISDN switch, interoffice mileage charges from the BellSouth[®] Primary Rate ISDN Service tariff-shall apply between these two switch central offices.

The ATM Customer Connection (associated with the customer premises) to which the PVC segment associated with the Unstructured Circuit Emulation Customer Connection – PRI over ATM may be mapped must be a transmission speed of Subrate T3 or higher in order to accept the 2 Megabit CBR PVC associated with this service.

The PVC Segment associated with the Unstructured Circuit Emulation Customer Connection - PRI over ATM (T)(O) may only be mapped to a PVC Segment associated with a local ATM Service Customer Connection whose service terminates to a premises within the same LATA as the BellSouth[®] Primary Rate ISDN Service switch. The provision of the BellSouth[®] Primary Rate ISDN Service (via the Unstructured Circuit Emulation Customer Connection - PRI over ATM) to the premises associated with the local ATM Service Customer Connection must be in accordance with all regulations governing the provisioning of local exchange service via BellSouth[®] Primary Rate ISDN Service.

(2) An Unstructured Circuit Emulation Customer Connection is provided to accept the termination of a full DS1 TDM bit stream from the customer's premises through a 1.536 Mbps Broadband Line Service. One Unstructured Circuit Emulation Customer Connection - Other TDM over ATM is required per such DS1 TDM service. One ATM CBR PVC Segment with 2 Megabits of CBR PVC Segment Bandwidth shall apply in association with the service originating from the TDM premises to the ATM Switch. Additionally, the standard tariff-charges apply for the corresponding 2 Megabit ATM CBR PVC Segment to which this is mapped within the ATM switch; the associated ATM Customer Connection must be a transmission speed or type which can accept the 2 Megabit CBR PVC.

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

BellSouth is a registered trademark of BellSouth Intellectual Property Corporation

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC. Cancels Second Revised Page 20.5.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A<u>1</u>40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

A<u>1</u>40.8.2 Regulations (Cont'd)

- **C.** Provision of Service (Cont'd)
 - 7. (Cont'd)
 - b. A Structured Circuit Emulation Customer Connection accepts up to 24 DS0 terminations from a channelized DS1 bit stream(s) from the customer (e.g., MegaLink[®] Service with MegaLink[®] Channel Service). Where MegaLink[®] Service is used, the customer is responsible for paying the appropriate charges for MegaLink[®] Service and MegaLink[®] Channel Service. MegaLink[®] Channel Service Broadband Line Service Feature Activation Charges apply for each DS0 termination to be directed to the Structured Circuit Emulation Customer Connection. The customer specifies the desired grouping of such DS0 terminations into ATM PVCs. An ATM CBR PVC Segment and Bandwidth Charges¹ apply for each PVC requested in association with the service originating from the TDM premises to the ATM Switch. Additionally, the standard tariff-charges apply for the corresponding ATM CBR PVC Segments to which these are mapped within the ATM switch.

A Structured Circuit Emulation Customer Connection is available with or without Channel Associated Signaling (CAS)² and is specified by the customer when service is ordered. CAS is necessary to support channelized DS1 TDM applications requiring DS1 Robbed Bit Signaling support.

 A customer requiring connectivity to ATM Service greater than 1.536 Mbps but less than 44.210 Mbps may select ATM Service Customer Connections Using IMA. An IMA Customer Connection allows the customer to select an ATM Customer Connection at a speed that is an even multiple of 1.536 Mbps service. IMA Customer Connections are available at speeds of 3.072 Mbps, 4.608 Mbps, 6.144 Mbps, 7.680 Mbps, 9.216 Mbps, 10.752 Mbps, and 12.288 Mbps.

To access an IMA Customer Connection, the customer subscribes to the appropriate quantity of 1.536 Mbps Broadband Lines and Broadband Line Extensions to equal the bandwidth of the IMA Customer Connection. A reference chart is provided in A40.5.3.A.3.

- 9. The appropriate nonrecurring charges for an existing IMA Customer Connection to be changed to another speed of IMA Customer Connection shall be the appropriate nonrecurring charges from Section A40.5 for any additional Broadband Line Service plus the full nonrecurring charges from Section A<u>1</u>40.8 for the new speed IMA Customer Connection requested and any associated PVC Features.
- 10. A customer requiring connectivity to ATM Service greater than 1.536 Mbps but less than 44.210 Mbps may select an ATM Subrate T3 Customer Connections are available at speeds of 18 Mbps, 24 Mbps, 30 Mbps and 36 Mbps.

Several technical limitations exist in association with the provisioning of ATM Subrate T3 Service. An ATM Subrate T3 (0) Customer Connection is provisioned utilizing 44.210 Mbps of transport bandwidth (e.g., a 44.210 Mbps Broadband Line Service); no other service(s) may utilize the remaining bandwidth. While an ATM Subrate T3 Customer Connection can simultaneously support both PVCs and SVCs, bandwidth reserved for SVCs is not available for use by PVCs (and vice versa). UBR PVCs and UBR SVCs are not allowed on an ATM Subrate T3 Customer Connection.

- **Note 1:** PVC Segment Bandwidth charges shall be based upon the equivalent bandwidth required for each PVC requested. The transport of TDM service as ATM Circuit Emulation Service requires additional overhead, sometimes referred to as "cell tax". Consequently, the bandwidth required for a given PVC will be greater than the sum of the DS0 TDM bandwidth. For example, the PVC resulting from a single DS0 TDM bit stream of 64 Kbps will be greater than 64 Kbps as a result of the equivalent bandwidth required for overhead and will require two Increments of 64 Kbps Bandwidth per CBR PVC Segment.
- **Note 2:** However, Channel Associated Signaling (CAS) may not be available at all ATM switch (O) locations.

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

<u>(O)</u>

(<u>T)(O)</u> (<u>T)(O)</u>

<u>(O)</u>

(0**)**

(T)(O)

(T)(O)

(T)(O)

<u>(O)</u>

TELECOMMUNICATIONSTELECOMMUNICATIONS, INC. Cancels Original Page 20.5.1.1

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A<u>1</u>40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

A<u>1</u>40.8.2 Regulations (Cont'd)

- C. Provision of Service
 - 11. To have ATM Back-Up Capability as an option for a 44.210 Mbps or 149.760 Mbps Customer Connection, the customer (T)(O) is required to have an ATM Service Back-Up Customer Connection and a separate Broadband Line (with Broadband Line Extension Service, as appropriate) which are designated specifically for back-up purposes. Monthly rates and nonrecurring charges applicable for a Back-Up Customer Connection are provided in A<u>1</u>40.8.3.A following. Monthly rates and nonrecurring charges for Broadband Line Service are found in A40.5.

The activation of a Back-Up Customer Connection via the rerouting of traffic from a primary Customer Connection to (0) the Back-Up Customer Connection is a manual operation performed by the Company at the direction of the customer. At the direction of the customer, the Company will subsequently then redirect traffic from the Back-Up Customer Connection to the primary Customer Connection.

A Primary Customer Connection Back-Up Enablement/Change Charge provided in A<u>1</u>40.8.3.A is applicable per existing primary Customer Connection which is requested by the customer to be back-up enabled and is billed to each primary Customer Connection account. A Primary Customer Connection Back-Up Enablement/Change Charge is also applicable for each existing back-up enabled primary Customer Connection when the customer requests a reassignment of that primary Customer Connection.

TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

Cancels First Revised Page 20.5.2

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: June 25, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: July 10, 2003

A140.8.3.B., C., and D. that are selected under the Fast Packet Services Payment Plan.

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

40.8	3 As	synchronous Transfer Mode (ATM) Service (Cont'd)	<u>(T)(O)</u>
A <mark>1</mark> 40	.8.2	Regulations (Cont'd)	<u>(T)(O)</u>
D.	Cor	ntract Plans	<u>(O)</u>
	1.	Contract plans are available under conditions specified in the Fast Packet Services Payment Plan (SPP) in A40.10 of this Tariff with contract periods described as follows:	<u>(T)(O)</u>
		a. Term Payment Plan A - payment periods may be selected from 12 to 36 months.	<u>(O)</u>
		b. Term Payment Plan B - payment periods may be selected from 37 to 60 months.	<u>(O)</u>
	2.	Provided the applicable conditions set forth in A40.10.2 and A40.10.4.B. are satisfied, a Termination Liability Charge will not be applicable at the date of termination, if prior to fulfilling the period of the contract plan, the customer requests a change from an ATM service to the same speed, higher speed or next lower speed of any service offered by the Company under a contract plan. In such cases, the full nonrecurring charges apply for the installation of the new service requested, except as specified otherwise in this tariff <i>Guidebook</i> or the new service's tariff <i>Guidebook</i> .	<u>(T)(O)</u>
		For purposes of implementing this regulation on Termination Liability Charges for changes from one speed of ATM Service (under contract) to another speed of ATM Service (under contract), the following hierarchy of ATM Customer Connection speeds shall exist (shown in order of lowest to highest):	<u>(O)</u>
		- 1.536 Mbps (standard and circuit emulation)	<u>(O)</u>
		- IMA	<u>(O)</u>
		- Subrate T3	<u>(O)</u>
		- 44.210 Mbps	<u>(O)</u>
		- 149.760 Mbps	<u>(O)</u>
		- 599.010 Mbps	<u>(O)</u>
	3.	(DELETED)	<u>(O)</u>
	4.	To be included under a Fast Packet Services Payment Plan, PVC Features and SVC Features must be associated with Customer Connections also under a Fast Packet Services Payment Plan. The length of the Fast Packet Services Payment Plan for the PVC Features and SVC Features cannot be for a longer period than the associated Customer Connection. A Termination Liability Charge will not be applicable for the disconnection of PVC Features and SVC Features set forth in	<u>(T)(O)</u>

<u>(T)(O)</u>

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES

A <mark>1</mark> 40.8	8 As	synchronous Transfer Mode (ATM) Sei	rvice (Co	ont'd))			ſ	<u>T)(O)</u>
A 1 40	.8.3	Rates and Charges						(T)(O)
A.	Cus	stomer Connection to ATM Service							<u>(O)</u>
	1.	1.536 Mbps ATM Service							<u>(O)</u>
	2.	(a) Per Customer Connection 1.536 Mbps ATM Circuit Emulation Service	Nonrecuri Cha \$595	ring irge 5.00	Montl To Montl \$550.00	n A 12 To 30 n Months \$450.00	B 5 37 To 60 5 Months \$415.00	USOC ATA1F	<u>(O)</u> (O)
		(a) Per Unstructured Customer Connection PRI over ATM	595	5.00	250.00	225.00	225.00	ATAPR	<u>(O)</u>
		(b) Per Unstructured Customer Connection Other TDM over ATM	595	5.00	300.00	250.00	225.00	ATAQU	<u>(O)</u>
	3.	(c) Per Structured Customer Connection ATM Service Using IMA	595	5.00	500.00	450.00	425.00	ATAQS	<u>(O)</u> (O)
	4.	 (a) Per 3.072 Mbps Customer Connection (b) Per 4.608 Mbps Customer Connection (c) Per 6.144 Mbps Customer Connection (d) Per 7.680 Mbps Customer Connection (e) Per 9.216 Mbps Customer Connection (f) Per 10.752 Mbps Customer Connection (g) Per 12.288 Mbps Customer Connection ATM Subrate T3 Service¹ (a) Per 18 Mbps Customer Connection (b) Per 24 Mbps Customer Connection (c) Per 30 Mbps Customer Connection (d) Per 36 Mbps Customer Connection 	325 325 325 325 325 325 325 325 325 1,225 1,225 1,225	5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00	800.00 1000.00 1200.00 1500.00 2200.00 2500.00 2,400.00 2,600.00 3,000.00	700.00 900.00 1100.00 1300.00 1500.00 1750.00 2000.00 2,000.00 2,300.00 2,550.00	600.00 800.00 1000.00 1200.00 1400.00 1600.00 1800.00 1,700.00 1,800.00 2,100.00 2,350.00	ATAG3 ATAG4 ATAG6 ATAG7 ATAG9 ATAG2 ATAG1 ATAT8 ATAT4 ATAT0 ATAT6	
	6.	(a) Per Customer Connection 149.760 Mbps ATM Service	1,225	5.00	3,500.00	2,800.00	2,550.00	ATA4F	<u>(O)</u> (O)
	7.	 (a) Per Customer Connection (b) Per Mile, or fraction thereof² 599.040 Mbps ATM Service 	\$2,175.00 -	\$5,58(14().00 S).00	\$4,650.00 132.00	\$4,200.00 130.00	ATA7F ATA7M	(<u>0</u>) (<u>0</u>) (<u>0</u>)
	8.	 (a) Per Customer Connection (b) Per Mile, or faction thereof² ATM Subrate T3 Speed Change Charge 	4,750.00 -	14,550 205	0.00 5.00	12,650.00 195.00	11,500.00 190.00	ATA9F ATA9M	(<u>0</u>) (<u>0</u>) (<u>0</u>)

This nonrecurring charge applies per ATM Subrate T3 Customer Connection requested to be changed to either 1) another speed ATM Subrate T3 Customer Connection or 2) to a 44.210 Mbps ATM Service Customer Connection. Accordingly, the ATM Subrate T3 Speed Change Charge applies in lieu of the Nonrecurring Charge specified in $A\underline{I}40.8.3.A.4$. or 5. above for the new speed Customer Connection.

(a) Per ATM	Nonrecurring Charge US Subrate T3 Customer Connection Speed Change Request \$500.00 ATA	OC TC (O)
Note 1:	Technical limitations associated with the provisioning of ATM Subrate T3 Service are set forth in A <u>1</u> 40.8.2.C.10.	<u>(T)(O)</u>
Note 2:	Mileage based upon the airline distance of the customer's Serving Area Point from the Company Central Office where the ATM switch is located within that Network Serving Area. A Per Mile Charge does not apply if the ATM switch is located in the customer's serving wire center.	<u>(O)</u>

Material appearing on this page previously appeared on page(s) 20.6.1 of this section.

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

BELLSOUTH Page 20.6.0.1

TELECOMMUNICATIONSTELECOMMUNICATIONS, INC.

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: April 14, 2003

EFFECTIVE: September 19, 2011 EFFECTIVE: September 19, 2011 EFFECTIVE: April 29, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

1

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES

A <u>1</u> 40	.8.3	Rates and Charges (Cont'd)					<u>(</u>	<u>T)(O)</u>
А.	Cust	tomer Connection to ATM Service (Cont'd)						<u>(O)</u>
	9.	ATM Back-Up Capability:						<u>(O)</u>
		44.210 Mbps Back-Up Customer Connection						<u>(O)</u>
	10.	(a) Per Customer Connection ATM Back-Up Capability:	Nonrecurring Charge \$1225.00	Month To Month \$2800.00	A 12 to 36 Months \$2240.00	B 37 to 60 Months \$2040.00	USOC ATAB4	(<u>O)</u>
		149.760 Mbps Back-Up Customer Connection						<u>(O)</u>
	11.	 (a) Per Customer Connection (b) Per Mile, or fraction thereof¹ ATM Back-Up Capability: 	2175.00	4464.00 112.00	3720.00 106.00	3360.00 104.00	ATABC ATABM	(<u>0</u>) (<u>0</u>) (<u>0</u>)
		Primary Customer Connection Back-Up Enablement/C	Change Charge					<u>(O)</u>
		(a) Per Existing Primary Customer Conne	ection		Noni	recurring Charge \$125.00	USOC ATABE	<u>(O)</u>

Note 1: Mileage based upon the airline distance of the customer's Serving Area Point from the Company Central Office where the ATM switch is located within that Network Serving Area. A Per Mile Charge does not apply if the ATM switch is located in the customer's serving wire center.

<u>(O)</u>

TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC. Cancels Original Page 20.6.1

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: April 14, 2003

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: April 29, 2003

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A <u>1</u> 40.8 Asynchronous	S Transfer Mode	(ATM) Service (Cont'd)
------------------------------	-----------------	------------------------

A140.8.3 Rates and Charges (Cont'd)

(T)(O) (T)(O)

(0**)**

<u>(0)</u>

- B. PVC Feature Charges
 - 1. Constant Bit Rate (CBR) Service Category

			Nonrecurring Charge	Month To Month	A 12 To 36 Months	B 37 To 60 Months	USOC	
	(a)	PVC Segment Charge, Per Segment	\$ 70.00	\$ 5.00	\$ 5.00	\$ 5.00	ATACS	<u>(O)</u>
	(b)	Per Megabit ¹ Bandwidth Charge, Per Segment	-	40.00	40.00	40.00	ATACM	<u>(O)</u>
2	(c)	Per Increment of 64 Kbps ² Bandwidth Charge, Per Segment	-	2.60	2.60	2.60	ATACK	<u>(O)</u>
2.	variable Bit R	tate - Real Time (VBR-RT) Service Cate	egory					<u>(O)</u>
	(a)	PVC Segment Charge, Per Segment	70.00	5.00	5.00	5.00	ATAVS	<u>(O)</u>
	(b)	Per Megabit ¹ Bandwidth Charge, Per Segment	-	40.00	40.00	40.00	ATAVM	<u>(O)</u>
	(c)	Per Increment of 64 Kbps ² Bandwidth Charge, Per Segment	-	2.60	2.60	2.60	ATAVK	<u>(O)</u>
3.	Variable Bit R	ate - Non-Real Time (VBR-NRT) Servi	ce Category					<u>(O)</u>
	(a)	PVC Segment Charge, Per Segment	70.00	5.00	5.00	5.00	ATANS	<u>(O)</u>
	(b)	Per Megabit ¹ Bandwidth Charge, Per Segment	-	40.00	40.00	40.00	ATANM	<u>(O)</u>
	(c)	Per Increment of 64 Kbps ² Bandwidth Charge, Per Segment	-	2.60	2.60	2.60	ATANK	<u>(O)</u>
		Note 1 : The Per Megabit Bandwidth greater than 1.536 Mbps.	Charge is applical	ole per PVC	segment for P	VCs with ban	dwidth	<u>(O)</u>

Note 2: The Per Increment of 64 Kbps Bandwidth Charge is applicable per PVC segment for PVCs <u>(O)</u> with bandwidth less than or equal to 1.536 Mbps.

...

(T)(O)

(T)(O)

<u>(O)</u>

(0**)**

TELECOMMUNICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC. Cancels Original Page 20.7

FLORIDA

ISSUED: September 16, 2011 ISSUED: September 16, 2011 ISSUED: October 8, 1999

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: October 22, 1999

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A<u>1</u>40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

A140.8.3 Rates and Charges (Cont'd)

- B. PVC Feature Charges (Cont'd)
 - 4. Unspecified Bit Rate (UBR) Service Category

	 (a) PVC Segment Charge, Per PVC Segment Per Customer Connection (b) 1.536 Mbps UBR Service Activation Charg (c) 3.072 Mbps UBR Service Activation Charg (d) 4.608 Mbps UBR Service Activation Charg (e) 6.144 Mbps UBR Service Activation Charg (f) 7.680 Mbps UBR Service Activation Charg (g) 9.216 Mbps UBR Service Activation Charg 	Nonrecurring Charge \$70.00	Month To Month \$5.00 10.00 20.00 30.00 40.00 50.00 60.00	A 12 To 36 Months \$5.00 10.00 20.00 30.00 40.00 50.00 60.00	B 37 To 60 Months \$5.00 10.00 20.00 30.00 40.00 50.00 60.00	USOC ATAUS ATAA1 ATAA3 ATAAA ATAA6 ATAAB ATAAC	(O) (O) (O) (O) (O) (O) (O)
C.	 (h) 10.752 Mbps UBR Service Activation Char (i) 12.288 Mbps UBR Service Activation Char (j) 44.210 Mbps UBR Service Activation Char (k) 149.760 Mbps UBR Service Activation Char (l) 599.040 Mbps UBR Service Activation Char Inter-Network Serving Area Link PVC Feature Charges 1. Inter-Network Serving Area Link PVC Establishment Charge Per End of Link, Per PVC 	ge - ge - ge - urge - urge -	70.00 80.00 250.00 500.00 1,000.00	70.00 80.00 250.00 500.00 1,000.00	70.00 80.00 250.00 500.00 1,000.00	ATAAD ATAAE ATAA4 ATAA7 ATAA9	(O) (O) (O) (O) (O) (O)
	(a) Per establishment2. CBR PVC Bandwidth Charge, Per PVC	Nonrecurring	Nonre Month To	curring Charge \$35.00 A 12 To 36	B 37 To 60	USOC ATALE	<u>(O)</u> (O)
	 (a) Per Megabit¹ Per End of Link, or (b) Per Increment of 64 Kbps², Per End of Link 3. VBR-RT PVC Bandwidth Charge, Per PVC 	Charge - -	Month \$40.00 2.60	Months \$40.00 2.60	Months \$40.00 2.60	USOC ATAJM ATAJK	(<u>O)</u> (<u>O)</u> (<u>O)</u>

4.	 (a) Per Megabit¹ Per End of Link, or (b) Per Increment of 64 Kbps², Per End of Link VBR-NRT PVC Bandwidth Charge, Per PVC 	-	40.00 2.60	40.00 2.60	40.00 2.60	ATAKM ATAKK	(<u>O)</u> (<u>O)</u> (<u>O)</u>
5.	 (a) Per Megabit¹ Per End of Link, or (b) Per Increment of 64 Kbps², Per End of Link UBR PVC Service Activation Charge, Per PVC 	-	40.00 2.60	40.00 2.60	40.00 2.60	ATAMM ATAMK	(<u>O</u>) (<u>O</u>) (<u>O</u>)
	(a) Per End of Link	-	40.00	40.00	40.00	ATAEA	<u>(O)</u>

Note 1: The Per Megabit Bandwidth Charge is applicable per End of Link for PVCs with bandwidth (O) greater than 1.536 Mbps.

Note 2: The Per Increment of 64 Kbps Bandwidth Charge is applicable per End of Link for PVCs with bandwidth less than or equal to 1.536 Mbps.

Material previously appearing on this page now appears on page(s) 20.7.1 of this section.

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

FLORIDA

ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: October 8, 1999

EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: October 22, 1999

BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL

Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES

A 140.8 Asynchronous	Transfer Mode	(ATM) Service ((Cont'd)
/			

A<u>1</u>40.8.3 Rates and Charges (Cont'd)

- D. SVC Feature Charges
 - 1. SVC Service Activation Charge

	2	(a) Per Customer Connection (any speed) SVC Bundles (Increment of 5 SVCs)	Nonrecurring Charge \$35.00	Month To Month -	A 12 To 36 Months	B 37 To 60 Months USOC - ATASA	(<u>(</u>) (<u>(</u>)
	3.	(a) Per Bundle, Per Customer Connection SVC Bandwidth Per Customer Connection Activated for SVCs	30.00	5.00	5.00	5.00 ATASS	(<u>O)</u> (<u>O)</u>
	4.	 (a) Per Megabit¹ Bandwidth Charge, or (b) Per Increment of 64 Kbps² Bandwidth Charge SVC Closed User Group (CUG) 		40.00 2.60	40.00 2.60	40.00 ATASM 2.60 ATASK	(<u>0</u>) (<u>0</u>) (<u>0</u>)
		(a) Per Group(b) Per Entry	\$20.00 20.00	-	-	- ATASG - ATASE	<u>(O)</u> (O)
E.	Feat 1.	ure Change Charge Per Occurrence	75.00	-	-	- ATAFC	<u>(O)</u> (O)

Note 1: The Per Megabit Bandwidth Charge is applicable per Customer Connection activated for SVCs (0) with a total bandwidth requirement greater than 1.536 Mbps.

Note 2: The Per Increment of 64 Kbps Bandwidth Charge is applicable per Customer Connection (O) activated for SVCs with a total bandwidth requirement less than or equal to 1.536 Mbps.

<u>(T)(O)</u>

(T)(O)

<u>(O)</u>

<u>(O)</u>

Material appearing on this page previously appeared on page(s) 20.7 of this section.

BELLSOUTH

GENERAL SUBSCRIBER SERVICE TARIFF

TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.
FLORIDA
ISSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: (date)
EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: (date)
BY: Marshall M. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President - FL
Miami, Florida

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES	
A140.9 Reserved For Future Use	<u>(M)</u>
A140.10 Reserved For Future Use	<u>(M)</u>
A140.11 BellSouth Video Conferencing Service	<u>(M)</u>
(Obsoleted 12/19/2003, Type 2 – Not offered for new installations on and after December 19, 2003. Available units used only for additions to or replacements of existing service at the same locations.)	<u>(M)</u>
<u>A140.11.1 General</u>	<u>(M)</u>
A. BellSouth Video Conferencing <i>service</i> is a video service that provides switching and distribution processes required for interactive multipoint video conferencing based on International Telecommunications Union-Telecommunications (ITU-T) (H.320) standard codec equipment which must be provided by the customer at the endpoint locations.	<u>(M)</u>
This service includes a reservations center which provides established network connections, tracks individual conference room capabilities and availability, and provides initial trouble isolations.	<u>(M)</u>
Access from the customer premises to BellSouth Video Conferencing service must be purchased from other services provided by the Company.	<u>(M)</u>
B. BellSouth Video Conferencing service is provided as follows; (1) Automatic, Voice Activated Mode, (2) Chairman Control Mode and (3) Broadcast/Presentation Mode.	<u>(M)</u>
C. This service utilizes a network based Multipoint Control Unit (MCU) to manage and switch compressed digital video signals produced by customer owned video codec equipment at video bit rate capabilities of 1.536 Mbps, 672/768 Kbps, 336/384 Kbps, and 112/128 Kbps.	<u>(M)</u>
D. BellSouth Telecommunications, Inc. tariffed services that will interface with BellSouth Video Conferencing service are Broadband Line Service, Switched 56 Kbps services, and ISDN switched services.	<u>(T)(M)</u>
E. BellSouth Video Conferencing service includes a full-time, centralized, scheduling center (twenty-four hours per day, 365 days per year) accessible to the customer either by telephone dial-in, or facsimile.	<u>(M)</u>

Scheduling can be established from two hours to eighteen (18) months in advance based on MCU/facility availability.

Material appearing on this page previously appeared on page(s) 6 of this section.

<u>12</u> Original Page 12 TELECOMMUNICATIONSTELECOMMUNICATIONSTELECOMMUNICATIONS, INC.	
Cancels Original Page 12	
FLORIDA SSUED: September 16, 2011ISSUED: September 16, 2011ISSUED: January 28, 2011	
EFFECTIVE: September 19, 2011EFFECTIVE: September 19, 2011EFFECTIVE: January 31, 201	+
BY: Marshall M. Criser III, President -FL	1
Miami, Florida	
A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT S	SERVICES
A140.12 Reserved For Future UseCustomer Network Management	<u>(T)</u>
(Obsoleted 9/19/2011, Type B – Not available for new installations, additions or on transfers of service to new location	<u>n.)</u>
A/40.12.1 General	 (<u>T</u>)
A. Customer Network Management (CNM) is available on an optional basis as a feature of Frame Rel Asynchronous Transfer Mode (ATM) Service	ay Service and
B. The CNM option provides customers a view into their BellSouth Fast Packet network for monitoring and purposes.	trouble shooting
C. The CNM platform supports hierarchical customer names. For example, a customer defines an overall network	rk name (usually
the customer name) and then may choose to establish multiple sub-network names. A maximum of five hier available (the overall network plus four sub-network tiers).	archical tiers are
D. Access to CNM is via a Web interface. A dial or dedicated method available in Section A32., Integration P Services, may also be used to access CNM. Switched service and private line service used as a means of access revice has been obsoleted (see A132). For security reasons, customers are required to identify themselves via password. The username and password are assigned at the time the account is established. Following is a	lus Management (T) cessing FlexServ (T) a username and (description and (T)
requirements for each type of access:	
1. Web Interface - This interface anows customers to access CINIM via the web using a standard web brows	<u>er. type of a.</u>
$\frac{a.(Obsoleted, See A132)}{2}$	<u>(1</u>
$\frac{2.}{(\text{Obsoleted, See A132})}$	<u>(1</u> (T
5. (Obsoleted, See A152) F CNM is offered in packages which provide the following CNM options: Fault Management. On Deman	ud Statistics and
Performance Reporting.	d Statistics and
1. Fault Management	
The Fault Management option provides the ability to monitor fault and alarm information as network ex BellSouth network event results in automatic rerouting of customer owned PVCs on a Customer Conne BellSouth Fast Packet network, such that those PVCs are not service impacted, then <i>the Company</i> wi events to the customer. The following Fault Management features are available on a customer and sub-network.	<u>vents occur. If a (T</u> <u>action within the</u> <u>ll not send PVC</u> <u>etwork basis:</u>
- <i>The Company</i> will provide to the customer, in near real time, all events, faults, and network Customer Connection or PVC.	k alarms on any (T
- The customer can determine the severity level of alarms displayed and suppress the alarms the	y do not wish to
view.	
140.13 BellSouth Metro Ethernet Service	(f
(Obsoleted January 31, 2011, Type B Dedicated Arrangements are not available for new installations, additions of service to new locations.)	yr on transfers of
A140.13.1 General see A40.13.1	
A140.13.2 Regulations	
A. Explanation of Terms	
1. Reserved For Future Use	
2. Reserved For Future Use	
3. Reserved For Future Use	
4. Reserved For Future Use	
5. Reserved For Future Use	
6. Dedicated BellSouth Metro Ethernet Service Connection	
Provides 100 Mbps and 1 Gbps point to point Ethernet capabilities that are a part of a BellSouth Metro network within a metropolitan area. A Dedicated BellSouth Metro Ethernet Service Connection operating speeds is only capable of interconnecting with one other Dedicated BellSouth Metro Ethernet Service C same metropolitan area.	Ethernet Service g at any of these onnection in the
A Dedicated BellSouth Metro Ethernet Service Connection provides data channel transport that con	nnects customer
premises that are 10 miles or less in distance from the BellSouth Metro Ethernet Service wire center ass Atterial previously appearing on this page now appears on page(s) 17 of this section.	ociated with the

GENERAL SUBSCRIBER SERVICE TARIFF

First Revised Page 12First Revised Page

BELLSOUTH

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

BELLSO	UTH	GENERAL SUBSCRIBER SERVICE TARI	FF <u>First Revised</u>	Page 12First F	Revised Page	
12Origin	al Page 12					
TELECC	MMUNICATIONS TELECOMMUN	<u>VICATIONS TELECOMMUNICATIONS, INC.</u>				
		Cancels Original Page 12				
FLO	RIDA					
ISSUED	: September 16, 2011 ISSUED: Septer	<u>mber 16, 2011</u> ISSUED: January 28, 2011				
	EFFECTIVE: Septembe	r 19, 2011EFFECTIVE: September 19, 2011EF	FECTIVE: January 31,	-2011		
BY: Mar	shall M. Criser III, President -FL					
Miar	ni, Florida					
	Dedicated BellSouth Metro Et	hernet Service Connection. Customer location	s greater than 10 miles	from the Ded	icated	
	BellSouth Metro Ethernet Servi	ice wire center require BellSouth Metro Etherne	t Service Additional M	ileage charges.		
A14(.13.3 Rates and Charges					(N)
A.	Reserved For Future Use					(N)
B.	Reserved For Future Use					(N)
C.	- Dedicated BellSouth Metro Etherno	et Service Arrangements				(O)
		Nonrecurring Mo	nth to 12 to 36	37 to 60		
		Charge A	Month Months	Months	USOC-	
	1 100 Mbps Dedicated Connect	ion				(O)
	(a) per connectio	n \$1,500.00 \$2,	160.00 \$1,730.00	\$1,560.00	MTEDB	(0)
	2. 1 Gbps Dedicated Connection	ł				(O)
	(a) per connectio	n 2,000.00 4,	310.00 <u>3,450.00</u>	3,110.00	MTEDC	(0)

Material previously appearing on this page now appears on page(s) 17 of this section.

(a)

-per connection

BELLSO	UTH	GENERAL SUBSCRIBER SERVICE TARIFFOriginal Page 13Original Page	e
33			
TELECO	MMU	NICATIONSTELECOMMUNICATIONS TELECOMMUNICATIONS, INC.	
	Sente:	mber 16, 2011ISSUED: Sentember 16, 2011ISSUED: December 6, 2002	
<u>1550ED.</u>	<u>septe</u>	EFFECTIVE: September 19, 2011 EFFECTIVE: September 19, 2001 EFFECTIVE: December 21, 2002	
BY: Mars	hall N	1. Criser III, President -FLBY: Marshall M. Criser III, President -FLBY: Joseph P. Lacher, President -FL	
Mian	ni, Flo	rida	
Α	140	. <u>OBSOLETE SERVICE OFFERINGS –</u> FAST PACKET TRANSPORT SERVICES	
A140.1	12 C	ustomer Network Management (Cont'd)	<u>(O)</u>
A140	.12.1	General (Cont'd)	<u>(T)(O)</u>
Е.	(Con	t'd)	<u>(O)</u>
	2.	On Demand Statistics	<u>(O)</u>
		CNM provides customers statistics for each Customer Connection and PVC on a customer and sub-network basis.	
	3.	Performance Reporting (PR)	<u>(O)</u>
		CNM-PR provides BellSouth Frame Relay and/or ATM Service customers network performance reports on their BellSouth Fast Packet network. Customers have the capability of requesting performance reports for interfaces. (Interfaces are defined as customer connections and PVCs). CNM-PR provides a measure of the level of network performance of a customer's network and individual interfaces that is called the Network Performance Level. The Network Performance Level components include Incoming Utilization, Outgoing Utilization, Discarded Frames/Cells and Congestion. The Network Performance parameters mentioned above.	<u>(O)</u>
		Historical Performance reports will baseline historic network performance, trend future performance and highlight network performance problems. The following selection of reports is available:	
		a. Network Summary Report - Provides an overview of the customer's network performance in terms of Total Frames/Cells Transmitted and Received, Percent Total Utilization, Total Frames/Cells Discarded, and Percent Frames/Cells Discarded of Total Frames/Cells Transmitted and Received.	<u>(O)</u>
		b. Forecast Report - Provides the network interfaces that are projected to exceed customer specific thresholds of Utilization and Congestion.	<u>(O)</u>
		c. Network Interface Performance Report - Provides the Network Performance Level on a customer selectable interface (customer connection or PVC).	<u>(O)</u>
		d. Capacity Planning Report - Provides the top ten over-utilized and top ten under-utilized interfaces.	<u>(O)</u>
		e. Threshold Exceptions Report - Provides a daily report on the top ten interfaces that exceed a customer selectable threshold parameter. These parameters are Input Utilization, Output Utilization, Incoming Congestion, Outgoing Congestion, In Discards, and Out Discards.	<u>(O)</u>
		f. Top Ten Report - Provides a daily report of the top ten interfaces with the highest volumes and the worst Network Performance Level. It also specifies the top ten interfaces with the greatest change in both volume and Network Performance Level.	<u>(O)</u>
F.	The <u>of</u> th	regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of is and other sections sections are regulations. Tariffs of the Company.	<u>(O)(T)</u>
G.	The	rates and charges set forth for CNM provide for the furnishing of service where suitable facilities are available.	<u>(O)</u>
Н.	CNM prece	I is only available for use with Frame Relay Service described in A140.1 preceding and ATM service described in A140.8 sding.	<u>(O)(T)</u>

EFFECTIVE: September 19, 2011

).1	20	Customer Network Management (Cont'd)	
40	.12.2	Regulations	<u>(T</u>
۱.	Bas	sis of Offering	
	1.	Suspension of service is not allowed.	
	2.	CNM is not available on Back-Up Customer Connections nor Intelligent PVCs.	<u>(T</u>
	3.	A customer may subscribe to CNM on a monthly basis. An account is established which will include the Customer Connections designated by the customer to have CNM capability. Customers may choose to subscribe to CNM for all Customer Connections in their BellSouth Fast Packet network or choose CNM for only a portion.	
	4.	Obligations of Customer and Company	
		a. The Company is not responsible for the installation, operation, or maintenance of any equipment provided by the customer.	
		b. The customer is responsible for the provision and maintenance of all Customer Provided (CPE) and to ensure that the operating characteristics of this equipment are compatible with and do not interfere with the service offered by the Company.	
		c. Application testing described in A2.5.11 of this Tariff-is not available for CNM.	<u>(T</u>
	5.	In order to maintain the quality of CNM, the Company reserves the right to perform preventive maintenance and software updates. This could result in CNM being unavailable during the time period between midnight and 3:00 A.M. Eastern Time on any given Sunday morning. In addition, preventive maintenance may be performed on the Frame Relay or ATM network being monitored by CNM on any given Wednesday or Sunday between 2:00 A.M. and 4:00 A.M. Eastern Time. CNM will be unable to view these circuits while preventive maintenance is being performed. However, the Company only expects to utilize this maintenance window for any given switch on the average of once a quarter. In addition, the Company will make every reasonable effort to provide advance notice to those customers likely to be severely affected by such maintenance work.	
	6.	The minimum service period is one month.	
	Pro	vision of Service	
	1.	CNM is available in three packages – Gold, Silver or Bronze. All Customer Connections within a customer's account must be under the same package. If a customer desires to have multiple packages, a separate account must be established for each package type. Following is a description of what is available in each package:	
		- The Gold Package includes all CNM options; Fault Management, On Demand Statistics and Performance Reporting.	
		- The Silver Package includes Fault Management and On Demand Statistics.	
		- The Bronze Package includes only Fault Management.	

).1	12 C	us	tomer Network Management (Cont'd)	
40	.12.2	Reg	gulations (Cont'd)	<u>(</u>
	Prov	vision	n of Service (Cont'd)	
	2.	Cus Cus	stomers who subscribe to CNM may choose to monitor their entire BellSouth Fast Packet network or selected stomer Connections. The following rates and charges are applicable for customers who subscribe to CNM:	
		a.	Service Establishment Charge	
			The Service Establishment Charge is a nonrecurring charge which applies per Frame Relay or ATM customer account. If a customer is both a Frame Relay and ATM customer, only one Service Establishment Charge will apply. This charge covers the initial establishment and set-up of the CNM account for the customer. A username(s) and password(s) will be assigned for use by the customer in accessing their account. At the time the account is established, a customer may also choose to establish sub accounts.	
		b.	Reporting Packages – Gold, Silver, Bronze	
			A monthly charge applies for each Customer Connection the customer has chosen to monitor. A nonrecurring charge is applicable per Customer Connection at the time of installation.	
		c.	Subsequent Modification Charge	
			The Subsequent Modification Charge is a nonrecurring charge which applies per Customer Connection when a CNM customer requests that existing CNM Customer Connections, or PVC's on the Customer Connection, be modified. Examples of this charge include change of customer name and movement between packages. This charge is not applicable:	
			 when a new PVC is added to an existing CNM Customer Connection and CNM is requested for the new PVC, or 	
			- for a request to change a password.	
		d.	Management Access Interface	
			All customers must have a Management Access Interface. This connection allows the customer to monitor their network. A monthly charge applies for each Web Interface. A nonrecurring charge is applicable per web access at the time of installation. A Security Card described below is required for each web access. See A32.1.2 for a dial or dedicated access option.	
			- Security Card – The Security Card charge specified in A <u>1</u> 40.12.3.B following will apply for the initial card or for the issuance of additional cards for additional users or to replace a lost, damaged or expired card.	
•	Con	tract	Plans	
	1.	Cor wit	ntract plans are available under conditions specified in the Fast Packet Services Payment Plan in A40.10 of this Tariff h contract periods described as follows:	
		a.	Term Payment Plan A - payment periods may be selected from 12 to 36 months.	
		b.	Term Payment Plan B - payment periods may be selected from 37 to 60 months.	

Α	140). <mark>OBSOLE</mark>	TE SE	RVICE OFFERING	<mark>35 –</mark> FAST P	АСКЕТ Т	RANSPO		/ICES	
40 . ⁻	12 (Customer	Netwo	rk Management (C	Cont'd)					
4 <u>1</u> 40	.12.3	3 Rates and C	harges							<u>(T</u>)
А.	CN	M - Performanc	e Reportir	ıg						
	1.	CNM Service	Establish	ment Charge						
	2	(a) Gold Reportir	Per Cust	omer			Nonrecurring Charge \$250.00		USOC CNMSE	
	2.	Gold Reportin	15			Month	Δ	B		
					Nonrecurring Charge	To Month	12 to 36 Months	37 to 60 Months	USOC	
		(a)	Per Fran Connect	ne Relay Service Customer ion	\$95.00	0.00	0.00	0.00	CNMGF	
		(b)	Per ATM Connect	A Service Customer ion	95.00	0.00	0.00	0.00	CNMGA	
	3.	Silver Reporti	ing ²							1
		(a)	Per Fran Connect	ne Relay Service Customer ion	90.00	0.00	0.00	0.00	CNMSF	
		(b)	Per ATN Connect	A Service Customer	90.00	0.00	0.00	0.00	CNMSA	
	4.	Bronze Repor	ting ³							
		(a)	Per Fran Connect	ne Relay Service Customer ion	85.00	0.00	0.00	0.00	CNMBF	
		(b)	Per ATM Connect	A Service Customer ion	85.00	0.00	0.00	0.00	CNMBA	
	5.	Subsequent M	Iodificatio	n Charge						
			D C				Nonrecurring Charge		USOC	
B.	Ma	(a) nagement Acces	s Interface	⁴			\$75.00		CINIMISINI	
2.	1.	Web Interface	e							
					Nonrecurring	Month To	A 12 to 36	B 37 to 60	USOC	
	2.	(a) Security Card	Each		\$125.00	\$25.00	\$18.75	\$15.00	CNMWE	
					Nonrecurring Charge				USOC	
		(a)	Each		\$100.00				CNMSC	
			Note 1:	Includes Fault Manageme	ent, On Demand Sta	atistics and Pe	erformance Rep	orts.		
			Note 2:	Includes Fault Manageme	ent and On Demand	Statistics.				
			Note 3:	Includes only Fault Mana	agement.					
			Note 4:	See A32.1.2 for a dial or	dedicated access or	otion.				6

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies. All BellSouth marks contained herein an

ection of this Tariff are owned by BellSouth Intellectual Property Corporation.

BELLSOU TELECO	JTH GEN MMUNICATIONS TELECOMMUNICAT	NERAL SUBSCRIBER SERVICE ⁷ <u>10NS</u> TELECOMMUNICATIONS,	TARIFF INC.	<u>Original</u>	Page 17 Origi	nal Page 17	
FLOR	IDA						
ISSUED:	September 16, 2011ISSUED: September 1	<u>6, 2011</u> ISSUED: (date)					
DV. Mana	EFFECTIVE: September	r 19, 2011 EFFECTIVE: September	<u>19, 2011</u> EFFEC	TIVE: (date)	171		
<u>BY: Mars</u> Miam	i Elorida	Hall MI. Criser III, President -FLB I:	Joseph P. Lache	r, President -	TL		
		OFFEDINGS - EAST DA				ES	
<u></u> <u>A140.1</u>	3 BellSouth Metro Etherne	t Service					<u>(M)</u>
(Obs	oleted January 31, 2011, Type B – Dedica	ated Arrangements are not available	for new installa	ations, additio	ns or on transfe	ers of	<u>(M)</u>
<u>A140.</u>	13.1 General – see A40.13.1						<u>(M)</u>
<u>A140</u> .	13.2 Regulations						<u>(M)</u>
А.	Explanation of Terms						(M)
	1. Reserved For Future Use						(M)
	2. Reserved For Future Use						(M)
	3. Reserved For Future Use						(M)
	4. Reserved For Future Use						(M)
	5. Reserved For Future Use						(M)
	6. Dedicated BellSouth Metro Ethernet	Service Connection					(M)
	Provides 100 Mbps and 1 Gbps poin	t-to-point Ethernet capabilities that	are a part of a l	BellSouth Me	tro Ethernet Se	ervice	(M)
	network within a metropolitan area.	A Dedicated BellSouth Metro Ether	met Service Con	nnection operation	ating at any of	these	
	speeds is only capable of interconnec	cting with one other Dedicated Bel	ISouth Metro E	thernet Servic	e Connection i	<u>n the</u>	
	same metropolitan area.		1. 1 1.				
	<u>A Dedicated BellSouth Metro Ethe</u> premises that are 10 miles or less in	distance from the BellSouth Metro	Ethernet Service	<u>ransport that</u> se wire center	<u>connects</u> cust	<u>omer</u> th the	<u>(M)</u>
	Dedicated BellSouth Metro Ethernet	Service Connection. Customer loo	cations greater t	han 10 miles	from the Dedi	cated	
	BellSouth Metro Ethernet Service win	e center require BellSouth Metro Et	hernet Service A	Additional Mi	leage charges.		
<u>A140</u> .	13.3 Rates and Charges						<u>(M)</u>
<u>A.</u>	Reserved For Future Use						<u>(M)</u>
B .	Reserved For Future Use						<u>(M)</u>
<u>C.</u>	Dedicated BellSouth Metro Ethernet Serv	vice Arrangements					<u>(M)</u>
		Nonrecurring	Month to	12 to 36	37 to 60		
		Charge	Month	Months	Months	<u>USOC</u>	<u>(M)</u>
	1 100 Mbps Dedicated Connection						<u>(M)</u>
	(a) per connection	<u>\$1,500.00</u>	<u>\$2,160.00</u>	<u>\$1,730.00</u>	<u>\$1,560.00</u>	MTEDB	<u>(M)</u>
	2. 1 Gbps Dedicated Connection						<u>(M)</u>
	(a) per connection	<u>2,000.00</u>	<u>4,310.00</u>	<u>3,450.00</u>	<u>3,110.00</u>	MTEDC	<u>(M)</u>

Material appearing on this page previously appeared on page(s) 12 of this section.

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

EFFECTIVE: September 19, 2011

SUBJECT INDEX

A.

SUBJECT

SECTION

(T)

Apartment Door Answering Service	A13.3.1
Application for Service	
Application of Rates for Business and Residence Service	
Area Communication Service (ACS) (Obsoleted)	A131.2
Area Plus Service	
Arrangement for Night, Sunday and Holiday Service	A13.5
Obsolete	A113.4
Assigned Centrex Type Services Telephone Numbers Without Facilities	A12.4
Assignment of Dedicated 203-XXXX Numbers	
Asynchronous Transfer Mode (ATM) Service (Obsoleted)	
AT&T Business Local Calling Assurance	
Automatic Number Identification (ANI)	A13.59
AUTOTAS Answering System Concentrator (Obsoleted)	A108.4
Auxiliary Line Service (Inward Service)	
Availability of Facilities	

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

EFFECTIVE: September 19, 2011

SUBJECT INDEX

C.

SUBJECT

SECTION

Connections of Terminal Equipment and Communications Systems	A15
Communications Systems	A15.3
Obsolete	A115.2
Connections of Other Carrier-Provided Communications Systems	A15.5
Terminal Equipment	A15.2
Obsolete	A115.1
Trouble Location Charge	A15.4
Connections of Terminal Equipment Specifically Exempted from the FCC Registration Program	A15.1.8
Connections of Termination Equipment Specifically Exempted from the FCC Registration Program	A15.1.8
Construction on Private Property Across Which Rights-of-Way and Easements Satisfactory to the Company are Provided Without Cost to the Company	A5.2.5
Contract Service Arrangements	A5.7
Credit and Deposits for Applicants	
CrisisLink Service	A34.5
Cross Reference Listing	A6.7.6
Custom Calling Services	A13.9
Custom Service Area (CSA)	A13.60
Customer Agents	
Customer Management Features for ESSX Service (Obsoleted)	A112.11
Customer Network Management (CNM) - Fast Packet (Obsoleted)	
Customer Payment Plans	
Customer Premises Inside Wiring (Inside Wire)	
Customized Code Restrictions	A13.20
Customized Dialing Package (CDP) (Obsoleted)	A112.24
Customized Large User Bill (CLUB)	A13.4.4
EFFECTIVE: September 19, 2011

SUBJECT INDEX

F.

SUBJECT

SECTION

Facilities and Equipment for Telephone Answering Service	
Fast Packet Services Payment Plan (Optional Payment Plan)	
Flat, Message and Measured Rate Exchange Services	
Flat Rate Service	
FLEXSERV - Digital Access Cross Connect	
Floor Space, Electric Power and Operating at the Subscriber's Premises	
Foreign Exchange Service	
Foreign Exchange Service (Type 2) (Obsoleted)	A109.1
Foreign Central Office Service	
Foreign Listing	
Four-Wire Terminating Arrangement - WATS	A119.5.8
Fractional Periods - WATS	A119.5.6
Frame Relay Service (<i>Obsoleted</i>)	

(T)

A40. FAST PACKET TRANSPORT SERVICES

CONTENTS

A40.1 Frame Relay Service (Obsoleted, See Section A140)	1	(O)
A40.2 Reserved for Future Use	6	
A40.3 Native Mode LAN Interconnection (NMLI) Service	6	(T)
(Obsoleted, See Section A140)		
A40.4 Reserved for Future Use	10	
A40.5 Broadband Line Service	14.1	
A40.5.1 General	14.1	
A40.5.2 Regulations	14.1	
A40.5.3 Fast Packet Option (FPO)	17	
A40.6 Reserved for Future Use	19.1	
A40.7 Reserved for Future Use	20	
A40.8 Asynchronous Transfer Mode (ATM) Service	20	(O)
(Obsoleted, See Section A140)		
A40.9 Miscellaneous Charges For Fast Packet Transport Services	20.8	
A40.9.1 General	20.8	
A40.9.2 Due Date Change Charges	20.8	
A40.9.3 Expedite Request Charges	20.8	
A40.9.4 Cancellation Charges	20.8.2	

A40.10.5 Requests for Changes in Length of Optional Payment Period 22 A40.10.6 Renewal Options 22 A40.10.7 Transfer of Service 23 A40.10.8 Deferred Payment 23 A40.10.9 Prepayment 24 A40.10.10 Exception to Termination Liability for State, County, and Municipal Governments 24 A40.10.11 Moves of Service(s) Under Fast Packet SPP 25 A40.11 BellSouth Video Conferencing Service 25 (Obsoleted, See Section A140) A40.12 Customer Network Management (Obsoleted, See Section A140) 32 A40.13 BellSouth Metro Ethernet Service 37 General A40.13.1 37 A40.13.2 Regulations 37

A40. FAST PACKET TRANSPORT SERVICES

CONTENTS

BELLSOUTH

FLORIDA

TELECOMMUNICATIONS

ISSUED: September 16, 2011

Miami, Florida

BY: Marshall M. Criser III, President -FL

A40.10.1

A40.10.2

A40.10.3

A40.13.3

General

Additions

Rates and Charges

A40.10.4 Disconnects

A40.10 Fast Packet Services Payment Plan

Application of Rates and Charges

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

(O)

20.8.3

20.8.3

20.8.3

21

21

46

GENERAL SUBSCRIBER SERVICE TARIFF

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Obsoleted, See Section A140)

(0)

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

EFFECTIVE: September 19, 2011

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

(0)

Fifth Revised Page 2.1

Cancels Fourth Revised Page 2.1

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

Second Revised Page 2.2 Cancels First Revised Page 2.2



A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

EFFECTIVE: September 19, 2011

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

EFFECTIVE: September 19, 2011

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

EFFECTIVE: September 19, 2011

(O)

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

Second Revised Page 3.3 Cancels First Revised Page 3.3

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

(0)

Eighth Revised Page 4 Cancels Seventh Revised Page 4

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

BELLSOUTH **TELECOMMUNICATIONS** FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

EFFECTIVE: September 19, 2011

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

EFFECTIVE: September 19, 2011

(O)

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

Second Revised Page 4.3 Cancels First Revised Page 4.3

(0)

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

EFFECTIVE: September 19, 2011

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

Twelfth Revised Page 5 Cancels Eleventh Revised Page 5

EFFECTIVE: September 19, 2011

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

(0)

Fifth Revised Page 5.0.0.1 Cancels Fourth Revised Page 5.0.0.1

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

EFFECTIVE: September 19, 2011

(0)

Cancels Second Revised Page 5.0.0.2

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

BELLSOUTH **TELECOMMUNICATIONS** FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

(O)

Sixth Revised Page 5.0.1 Cancels Fifth Revised Page 5.0.1

GENERAL SUBSCRIBER SERVICE TARIFF

BELLSOUTH **TELECOMMUNICATIONS** FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

Fourth Revised Page 5.0.2 Cancels Third Revised Page 5.0.2

EFFECTIVE: September 19, 2011

(O)

A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Cont'd) (Obsoleted, See Section A140)

EFFECTIVE: September 19, 2011

A40. FAST PACKET TRANSPORT SERVICES

A40.7 Reserved for Future Use

A40.8 Asynchronous Transfer Mode (ATM) Service (Obsoleted, See Section A140)

(0)

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

GENERAL SUBSCRIBER SERVICE TARIFF

EFFECTIVE: September 19, 2011

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd) (Obsoleted, See Section A140)

(0)

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

(0)

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(0)

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(0)

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

GENERAL SUBSCRIBER SERVICE TARIFF

Second Revised Page 20.3.3 Cancels First Revised Page 20.3.3

EFFECTIVE: September 19, 2011

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

(0)

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

GENERAL SUBSCRIBER SERVICE TARIFF

Second Revised Page 20.3.5 Cancels First Revised Page 20.3.5

EFFECTIVE: September 19, 2011

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

GENERAL SUBSCRIBER SERVICE TARIFF

EFFECTIVE: September 19, 2011

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)
First Revised Page 20.4.0.1 Cancels Original Page 20.4.0.1

EFFECTIVE: September 19, 2011

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

Second Revised Page 20.4.1 Cancels First Revised Page 20.4.1

EFFECTIVE: September 19, 2011

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

EFFECTIVE: September 19, 2011

(0)

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(0)

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

(0)

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(0)

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(0)

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(0)

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

First Revised Page 20.6.0.1 Cancels Original Page 20.6.0.1

EFFECTIVE: September 19, 2011

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

Second Revised Page 20.6.1 Cancels First Revised Page 20.6.1

EFFECTIVE: September 19, 2011

(0)

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

Second Revised Page 20.7 Cancels First Revised Page 20.7

EFFECTIVE: September 19, 2011

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

(Obsoleted, See Section A140)

(0)

EFFECTIVE: September 19, 2011

BELLSOUTH TELECOMMUNICATIONS FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

A40. FAST PACKET TRANSPORT SERVICES

A40.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

A40. FAST PACKET TRANSPORT SERVICES A40.9 Miscellaneous Charges For Fast Packet Transport Services (Cont'd)

A40.9.4 Cancellation Charges (Cont'd)

- **B.** (Cont'd)
 - 4. (Cont'd)
 - d. When a customer cancels a service order, or part of a service order, before the service date, the Company will apply cancellation charges to the order. Cancellation charges are calculated by multiplying all the nonrecurring charges associated with the order, or that part of the order being cancelled, by the percentage shown in e. following for the critical date last completed on the order.
 - e. Cancellation Charge Percentages

TYPE SERVICE /										
CRITICAL	AFTER: SID	LAM	EIRD	RID	DVA	WOT	FCD	PTD	DD	
DATES	BEFORE: LAM	EIRD	RID	DVA	WOT	FCD	PTD	DD		
Frome Delay Services ¹										(\mathbf{C})
<u>Frame Relay Services .</u>	64.5	615	(777	(7 7	74.0	02.5	01.1	00.0	100.0	(C)
-56 Kbps or 64 Kbps	64.5	64.5	67.7	67.7	/4.2	83.5	91.1	98.2	100.0	
-Any Fractional T1	58.8	58.8	63.8	63.8	69.5	86.0	92.6	98.9	100.0	
-Any Subrate T1 or 1.536 Mbps	64.7	64.7	69.0	69.0	75.6	83.4	91.0	98.2	100.0	
-Any Subrate T3 or 44.210 Mbps	60.5	60.5	63.7	63.7	68.6	87.7	93.4	98.7	100.0	
Broadband Line Services:										
-56 Kbps, 64 Kbps or 128 Kbps	28.7	28.9	28.9	28.9	28.9	28.9	28.9	100.0	100.0	
-1.536 Mbps	26.4	29.6	29.6	29.6	29.6	29.6	29.6	100.0	100.0	
-44.210 Mbps, 149.760 Mbps	36.8	36.8	36.8	36.8	36.8	36.8	36.8	100.0	100.0	
or 599.040 Mbps										
ATM Services ¹ :										(C)
-Any 1.536 Mbps	64.7	64.7	69.0	69.0	75.6	83.4	91.0	98.2	100.0	
-Any IMA, Any Subrate T3 or 44.210	Mbps 60.5	60.5	63.7	63.7	68.6	87.7	93.4	98.7	100.0	
-149.760 Mbps or 599.040 Mbps	62.9	62.9	66.3	66.3	71.3	87.2	93.1	98.6	100.0	
BellSouth Metro Ethernet Service:										
-Any Connection	44.3	44.3	49.3	49.3	59.5	81.4	89.8	100.0	100.0	

- C. When a customer cancels an order for the discontinuance of service no charges apply for the cancellation.
- D. If the Company misses a service date by more than 30 days due to circumstances over which it has direct control (excluding, e.g., acts of God, governmental requirements, work stoppages and civil commotions), the customer may cancel the service order without incurring cancellation charges.
 - Note 1: Effective September 19, 2011, Frame Relay Services and ATM Services are Obsoleted (See (N) Section A140).

Second Revised Page 32 Cancels First Revised Page 32

EFFECTIVE: September 19, 2011

A40. FAST PACKET TRANSPORT SERVICES A40.12 Customer Network Management (Obsoleted, See Section A140)

First Revised Page 33 Cancels Original Page 33

EFFECTIVE: September 19, 2011

A40. FAST PACKET TRANSPORT SERVICES A40.12 Customer Network Management (Cont'd) (Obsoleted, See Section A140)

First Revised Page 34 Cancels Original Page 34

EFFECTIVE: September 19, 2011

A40. FAST PACKET TRANSPORT SERVICES A40.12 Customer Network Management (Cont'd) (Obsoleted, See Section A140)

First Revised Page 35 Cancels Original Page 35

EFFECTIVE: September 19, 2011

A40. FAST PACKET TRANSPORT SERVICES A40.12 Customer Network Management (Cont'd) (Obsoleted, See Section A140)

Second Revised Page 36 Cancels First Revised Page 36

EFFECTIVE: September 19, 2011

A40. FAST PACKET TRANSPORT SERVICES A40.12 Customer Network Management (Cont'd) (Obsoleted, See Section A140)

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

Eighth Revised Page 1 Cancels Seventh Revised Page 1

EFFECTIVE: September 19, 2011

1

(N)

A140.1

Frame Relay Service

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

CONTENTS

A140.1.1	General	1	(N)
A140.1.2	Regulations	1.1	(N)
A140.1.3	Rates and Charges	1.13	(N)
A140.2	Reserved For Future Use	1.20	(T)
A140.3	Native Mode LAN Interconnection (NMLI) Service	1.20	(T)
A140.3.1	General	1.20	(T)
A140.3.2	Regulations	1.20	(T)
A140.3.3	Rates and Charges	5.1	(T)
A140.4	Reserved For Future Use	5.1	
A140.5	Broadband Line Service	6	
A140.5.1	General	6	
A140.5.2	Regulations	6	
A140.5.3	Rates and Charges	6	
A140.6	Reserved For Future Use	6	
A140.7	Reserved For Future Use	6	
A140.8	Asynchronous Transfer Mode (ATM) Service	6.1	(N)
A140.8.1	General	6.1	(N)
A140.8.2	Regulations	6.2	(N)
A140.8.3	Rates and Charges	6.21	(N)
A140.9	Reserved For Future Use	6.26	(T)
A140.10	Reserved For Future Use	6.26	(T)
A140.11	BellSouth Video Conferencing Service	6.26	(T)
A140.11.	1 General	6.26	(T)
A140.11.	2 Regulations	7	
A140.11.	3 Rates and Charges	10	
A140.12	Customer Network Management	12	(N)
A140.12.	1 General	12	(N)
A140.12.	2 Regulations	14	(N)
A140.12.	3 Rates and Charges	16	(N)
A140.13	BellSouth Metro Ethernet Service (Dedicated Arrangements)	17	(T)
A140.13.	1 General	17	(T)
A140.13.	2 Regulations	17	(T)
A140.13.	3 Rates and Charges	17	(T)

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES

A140.′	Frame Relay Service	(T)(O)
(Obso	leted 9/19/2011, Type B – Not available for new installations, additions or on transfers of service to new location.)	(N)
A140	.1.1 General	(T)(O)
А.	Frame Relay Service is a connection-oriented data transport service based on packet switching technology.	(0)
В.	Frame Relay Service provides flexible connectivity using Permanent Virtual Circuits (PVCs) implemented over digital facilities operating at transmission speeds of 56 Kbps, 64 Kbps, 128 Kbps, 1.536 Mbps, or 44.210 Mbps.	(0)
C.	Network interface specifications for Frame Relay Service are contained in the following documents:	(0)
	- ANSI T1.617-1991, "Integrated Services Digital Network (ISDN) - Digital Subscriber Signaling System No. 1 (DSS1)	
	- Signaling Specification for Frame Relay Service", American National Standards Institute, April 1991 and ANSI T1.618-1991, "Integrated Services Digital Network (ISDN) - Core Aspects of Frame Relay Protocol for use with Frame Relay Bearer Service", American National Standards Institute, April 1991. Both of these documents may be ordered from:	
	American National Standards Institute Customer Service 11 West 42nd Street New York, New York 10036	(0)
	- Document No. 001-208966, "Frame Relay Specification with Extension Based on Proposed T1S1 Standards", Revision 1.0, Digital Equipment Corporation, Northern Telcom, Inc., and StrataCom, Inc., September 1990. This document may be ordered from:	(0)
	Frame Relay Forum 39355 California Street Suite 307 Freemont, CA 94538-1447	(O)
	- TR-73587 Frame Relay Service Interface and Performance Specifications. This document may be ordered from:	(0)
	BellSouth Telecommunications, Inc. Regional Documentation Coordinator 20th Floor 600 North 19th Street Birmingham, AL 35203	(0)
D.	Frame Relay Service, as provided for in this section, is offered for intraLATA use only.	(T)(O)
Е.	The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this and other <i>Guidebooks</i> of the Company.	(T)(O)
F.	The rates and charges set forth for Frame Relay Service provide for the furnishing of service where suitable facilities are available.	(0)
G.	Frame Relay Service is only available when provided in conjunction with Broadband Line Service. Specifications for Broadband Line Service are contained in A40.5.	(T)(O)
		(M)

Material previously appearing on this page now appears on page(s) 1.20 of this section.

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

(T)(O)

(T)(O)

(O)

A140.1.2 Regulations

A140.1 Frame Relay Service (Cont'd)

A. Explanation of Terms (\mathbf{O}) 1. Customer Connection to Frame Relay Service (O) The Customer Connection provides the customer with the standard interface to the Frame Relay Service network. This (O)interface receives the data frame from the customer's network or device and verifies that the DLCI is valid before relaying the frame to the destination. Included in the Customer Connection are the customer's termination on the Frame Relay Service switching equipment, the transport from the Serving Area Point to the switching equipment, and the first DLCI. These interfaces connect the Frame Relay Service network with digital facilities operating at transmission speeds of 56 Kbps, 64 Kbps, 128 Kbps, 1.536 Mbps, or 44.210 Mbps. 2. Frame Relay Service Network Serving Area (O) Certain Company Central Offices are designated by the Company as Serving Area Points for the Frame Relay Service (T)(O) Network Serving Area. A customer accessing the Frame Relay Service network, whose Serving Wire Center is designated a Serving Area Point, requires a Broadband Line-Fast Packet Option (FPO) as described in A40.5. A Frame Relay Service customer, whose Serving Wire Center is not designated a Serving Area Point, will use a Broadband Line-FPO to the Wire Center, as well as, the Broadband Line Extension-FPO (also described in A40.5) to gain access to the closest designated Serving Area Point. Permanent Virtual Circuit (PVC) 3. (O)A PVC is a software defined data path transporting data within the Frame Relay Service network between two Customer (O)Connections. This data path, once defined in the network software, does not have to be established again. PVCs are end-to-end, bi-directional channels that are established via the service provisioning process. A Standard PVC is created via the mapping of two Standard DLCIs; on an optional basis features are available to allow the creation of Priority Voice, Priority Data, Intelligent and MultiCast PVCs. Priority PVC a. (O) Priority PVC capability allows a customer to differentiate specific PVCs with regard to the importance of the data (T)(O) within those PVCs as compared to other PVCs. In the case of contention or network congestion, the Frame Relay Service network will give precedence to the frames of a Priority PVC over frames of a Standard PVC. Frame Relay Service allows the creation of Priority Voice PVCs and Priority Data PVCs. Such a Priority PVC is formed by the mapping of Priority Voice or Priority Data DLCIs¹ (as set forth in AI40.1.3.C.1.b or c) to Priority Voice and Priority Data DLCIs; these Priority DLCIs must have an associated CIR value of greater than zero. b. Intelligent PVC (O)Intelligent PVC capability allows automatic rerouting on a per PVC basis within the Frame Relay Service network. (O) The Intelligent PVC feature is associated with a customer-specified three DLCI PVC. With the Intelligent PVC feature, a PVC is established between an originating DLCI (referred to as the pivot endpoint) and a primary terminating DLCI (referred to as the primary endpoint). Frames from the originating DLCI (pivot endpoint) will automatically be rerouted to a secondary terminating DLCI (referred to as the secondary endpoint) if the Frame Relay switch detects trouble associated with the primary terminating DLCI (primary endpoint). After such rerouting, the Frame Relay switch will continue to monitor the signals from the primary endpoint and when the trouble is cleared, will automatically reroute the frames going to the secondary endpoint back to the primary endpoint. The BellSouth document TR-73587 provides more detailed technical information on how Intelligent PVC capability is provided. MultiCast PVC c. (O)(T)(O)

MultiCast PVC capability allows a customer to establish a one-to-many broadcasting PVC that distributes data simultaneously from a host site to a group of predetermined remote sites (called a MultiCast PVC Group). Transmission on a MultiCast PVC is unidirectional (from the host to the remotes in each MultiCast PVC Group). All sites in a MultiCast PVC Group will be able to simultaneously receive a single packet transmission transmitted from the host; upon transmission from the host, the Frame Relay network replicates and distributes the packets to the various remote sites identified as members of the MultiCast PVC Group. A MultiCast PVC may be established as a Standard MultiCast PVC or as a Priority MultiCast PVC (refer to description of Priority PVC capability discussed in AI40.1.2.A.3.a).

Note 1: PVCs are bi-directional unless specified otherwise (e.g., a MultiCast PVC is uni-directional).

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.1 Frame Relay Service (Cont'd) (T)(O) A140.1.2 Regulations (Cont'd) (T)(O) A. Explanation of Terms (Cont'd) 4. Data Link Connection Identifier The Frame Relay standard specifies an address field called the Data Link Connection Identifier (DLCI). The DLCI (T)(O) specifies a connection. When any two DLCIs are mapped together, a PVC can be created. When three DLCIs are associated together, an Intelligent PVC can be formed. A DLCI which is not a Priority DLCI (as specified in A140.1.2.A.3.a.) is referred to as a Standard DLCI. 5. Committed Information Rate (CIR)

Committed Information Rate is a feature that enables the customer to select a sustained throughput under normal conditions. A CIR must be selected for each DLCI. A CIR selected with a value greater than zero has a separate charge from any DLCI charges. Frames submitted at a rate above the subscribed CIR will be marked "discard eligible" (DE) and, should network congestion occur, are subject to being dropped by the network. If CIR is set equal to zero, then all frames will be marked DE. However, in the absence of network congestion, DE marked frames will be transported with the same reliability as frames not marked DE within a single, Company Frame Relay Switch. The CIR value selected cannot exceed the minimum transmission speed of the link at either end of the PVC.

The CIR value of Priority Voice DLCIs and Priority Data DLCIs must be greater than zero.

Feature Change Charge 6.

> In addition to any specific optional feature charges, a Feature Charge Charge applies whenever a change is made (at the customer's request) to a single optional feature for a single customer within a single network configuration on a single switch within a single jurisdiction. One Feature Change Charge will apply per service order required to perform the work.

A Feature Change Charge is applicable if the "first" DLCI, the one included with the Customer Connection, is modified.

7. Serving Area Point (SAP)

> A Company Central Office that is designated as a member of the Frame Relay Service Network Serving Area. (See the (T)(O)definition of Frame Relay Service Network Serving Area.)

Back-Up Capability 8.

> Back-Up Capability is available on an optional basis and provides the customer with the ability to have a back-up logical port configured to his service needs in the event that the customer's primary connection is disabled. A Back-Up Customer Connection utilizes a Broadband Line (with Broadband Line Extension Service, as appropriate). Both the Back-Up Customer Connection and its associated Broadband Line Service are specifically dedicated to providing back-up service and remain idle except when being utilized for back-up purposes.

The customer must prearrange with the Company which primary Customer Connections(s) may be directed to a specific Back-Up Customer Connection so that the necessary work is done by the Company which is required prior to back-up capability being possible. A Customer Connection so identified which may be redirected in the event of a failure is referred to as a back-up enabled primary Customer Connection, or referred to herein as simply the primary Customer Connection. A Frame Relay primary Customer Connection may only utilize a Frame Relay Back-Up Customer Connection and both must be the same type of interface (i.e., both configured as either NNI or UNI interfaces). A primary Customer Connection must be in the same Frame Relay Network Serving Area as its identified Back-Up Customer Connection. A primary Customer Connection may have only one Back-Up Customer Connection identified. A Back-Up Customer Connection may serve as the back-up for more than one primary Customer Connection; however, a Back-Up Customer Connection may only be actively in use with one primary Customer Connection at a given time.

(O)(O)

(O)

- (O) (O)
- (O)
- (O)
- (O)(O)

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.1 Frame Relay Service (Cont'd) (T)(O) A140.1.2 Regulations (Cont'd) (T)(O)A. Explanation of Terms (Cont'd) (O)8. Back-Up Capability (Cont'd) (O) The Back-Up Customer Connection is manually activated by the Company when the customer requests service from a (O)primary Customer Connection to be redirected to its pre-identified Back-Up Customer Connection. All DLCIs associated with the primary Customer Connection are rerouted to the Back-Up Customer Connection¹. It is strongly recommended that the size of the Back-Up Customer Connection be the same size as the customer's largest primary Customer Connection. In the event that the customer chooses to utilize a Back-Up Customer Connection which is of a lower speed than the (O)primary Customer Connection, the Company cannot guarantee the sufficiency of the Back-Up Customer Connection to protect the customer's primary data. There exists the realistic possibility that due to the lower amount of physical bandwidth on the Back-Up Customer Connection in such cases, that not all of the customer's DLCIs will be provisioned to the Back-Up Customer Connection. Network congestion may be encountered which may result in packets of data being discarded or entire locations without access to Back-Up Capability. A Back-Up Customer Connection is not eligible for Network Service Level Agreements (SLAs) specified in B.6.. (T)(O) 9 Oversubscription (O)A customer may establish multiple PVCs on a Frame Relay Service Customer Connection with a total CIR greater than (O) the Frame Relay Service Customer Connection speed. This is called oversubscription. This allows the customer to take advantage of the fact that not all of these PVCs will be active simultaneously. However, the network's apparent performance will be degraded if the customer attempts to make use of this overbooked commitment (or oversubscription) beyond the capacity of the Frame Relay Service Customer Connection. In the worst case, attempts to fully utilize such overbooked commitment may appear to the customer as network unavailability. The amount of oversubscription (expressed as a percentage) will be determined by the following formula: (O)Sum of the CIR/PVC on a single Frame Relay Customer Connection (O)Frame Relay Service Customer Connection speed times 100 (O)In order to qualify for Network SLAs (as specified in B.6.), a Frame Relay Service Customer Connection may only (T)(O) oversubscribe up to 200%. In the event the customer exceeds this oversubscription limit, Network SLA credits will not be issued. The customer then must either upgrade their Frame Relay Service Customer Connection speed or subscribe to an additional Customer Connection(s) to remain less than or equal to the 200% oversubscription limit to qualify for future Network SLA crediting. Note 1: To appropriately provision new DLCIs ordered subsequent to a primary Customer Connection (\mathbf{O}) being enabled for Back-Up Capability, subsequent orders for DLCIs should specify that the DLCIs are being requested in association with a primary Customer Connection

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.1 Frame Relay Service (Cont'd) (T)(O) A140.1.2 Regulations (Cont'd) (T)(O)Basis of Offering B. (O)1. Detailed monthly billing is not provided. (O)2. Suspension of service is not allowed. (O)3. Obligations of Customer and Company (O)The Company is not responsible for the installation, operation, or maintenance of any equipment provided by the a. (\mathbf{O}) customer. b. The customer is responsible for the provision and maintenance of all Customer Provided Equipment (CPE) and to (O)ensure that the operating characteristics of this equipment are compatible with and do not interfere with the service offered by the Company. (0) C. The maximum number of DLCIs per Customer Connection is subject to the characteristics of the customer's data traffic. Thus, the number of DLCIs per Customer Connection must be negotiated between the customer and the Company at the establishment of the Customer Connection and subsequent to the establishment should the traffic characteristics change. d. The Company is authorized to provide Frame Relay Service for use in application testing subject to the regulations (O) set forth in A2.5.11. Up to 4 Customer Connections, with not more than 3 Customer Connections operating at the same transmission speeds, may be utilized in a typical applications test configuration. The Company is authorized to deviate from this average in order to fully participate in an application test with a customer which cannot otherwise be performed to the customer's satisfaction. Application testing is not available for 44.210 Mbps Customer Connections. Service Level Agreement credits as defined in 6. following do not apply for Frame Relay Service provided for an application test (i.e., no credits apply during the period of the application testing.) 4. In order to maintain the quality of Frame Relay Service, the Company reserves the right to perform preventive (O)maintenance of software updates to the network. This could result in Frame Relay Service being unavailable during the time period between 2:00 A.M. and 4:00 A.M. Eastern Time on any given Wednesday or Sunday morning. However, the Company only expects to utilize this maintenance window for any given switch on the average of once a quarter. In addition, the Company will make every reasonable effort to provide advance notice to those customers likely to be severely affected by such maintenance work. This maintenance window may be adjusted by the Company upon written notice to the customer. 5. The minimum service period is one month. (O) 6. Service Level Agreement (O)Frame Relay Service includes Service Level Agreements (SLAs) which specify the Company's provisioning, repair and (O)performance commitments for Frame Relay Service in specific areas. Provisioning and repair commitments are measured on a per occurrence basis. Network service level commitments are monthly performance measurements. The following service measurements will outline the service levels that the Company will deliver to its Frame Relay customers. Provisioning and Repair: (O) Frame Relay Installation Interval (\mathbf{O}) Frame Relay Time-To-Repair (O)Network Service Levels: (O)- Frame Relay Network Availability (O)Frame Relay Network Transit Delay (O) Frame Relay Frame Delivery Rate (O)Service Level Commitments will define Frame Relay service measurements that the Company agrees to provide every (T)(O) customer. If the Company fails to meet a Service Level Commitment, the customer is eligible for a SLA credit. Credits for missed Network Service Level Commitments will only be available to customers subscribing to the Gold Package in

customer. If the Company fails to meet a Service Level Commitment, the customer is eligible for a SLA credit. Credits for missed Network Service Level Commitments will only be available to customers subscribing to the Gold Package in Customer Network Management from AI40.12 of this Tariff. Billing credits which may apply if the Company does not meet the objectives associated with these stated SLAs (specifically covering rates for Frame Relay Service and associated Broadband Line Service from Section A40.) are provided as set forth in c. following. Credits only apply for portions of service supplied by the Company.

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES

A <i>1</i> 40.	1 Fr	am	le Relay Service (Cont'd)	(T)(O)
A140).1.2	Reg	ulations (Cont'd)	(T)(O)
B.	Bas	is of	Offering (Cont'd)	(O)
	6.	Se	rvice Level Agreements (Cont'd)	(0)
		a.	SLA Service Level Commitments	(0)
			The Company's Service Level Commitments for Frame Relay Service are as follows:	(0)
			- Frame Relay Installation Interval - Standard Interval	(0)
			- Frame Relay Time-To-Repair on customer sites within the Frame Relay Network Serving Area - 4 hours	(0)
			- Frame Relay Network Availability on a customer's network within the Frame Relay Network Serving Area – 99.9%	(0)
			- Frame Relay Network Transit Delay/One Way – 60 milliseconds	(0)
			- Frame Relay Frame Delivery Rate of all frames transmitted with CIR greater than 32 Kbps – 99.9%	(0)
		b.	SLA Restrictions	(0)
			The Company will implement SLA provisioning restrictions that will define customer network design requirements and limitations to <i>the Company's</i> commitment to meet Service Levels for Frame Relay Service. Customer network design requirements are intended to limit or negate BellSouth's obligation to provide SLA credits when the customer has under-engineered their <i>AT&T</i> Frame Relay network. The customer network design requirements are as follows:	(T)(O)
			- The customer's network must have a minimum of 10 customer connections for the Company to provide SLA credits.	(0)
			- The total CIR on all PVCs carried by any of the customer's Frame Relay Customer Connections may not be greater than 200% of the Customer Connection speed (oversubscription).	(0)
			- A customer must be subscribing to the Gold Package in Customer Network Management (CNM) from AI40.12 to receive credits for missed Network Service Level Commitments. Customer Connections at both ends of a PVC must have the CNM Gold Package or equivalent. In the event only one end of a PVC is ordered from this <i>Guidebook</i> , credits will only be issued for the rate elements ordered from this <i>Guidebook</i> .	(T)(O)
			SLA credits do not apply when any stated objective is not met because the Company does not have control over the circumstances causing the objective to be missed. Situations over which the Company does not have control can be defined as, but not limited to, the following:	(O)
			- any act, any omission or negligence on the part of the customer, any other customer or any third party, or of any other entity providing a portion of the service,	(0)
			- labor difficulties, governmental orders, civil commotions, declared National Emergencies, criminal actions against the Company, acts of God, war, or other circumstances beyond the Company's control,	(0)
			- the customer's premises equipment,	(0)
			- unavailability of the customer's facilities and/or equipment, and	(0)
			- customer oversubscription of Frame Relay Service Customer Connections.	(0)
			SLA commitments only apply for service wholly within Company territory. SLA commitments will not apply for circuits which are part of a jointly provided service. SLA commitments do not apply for service provided by other telephone companies concurring in the rates and regulations of the Company.	(0)

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES

(T)(O)

A140.1 Frame Relay Service (Cont'd)

В.	Bas	is of	Offering (Cont [*] d)	
	6.	Sei	vice Level Agreements (Cont'd)	(0)
		b.	SLA Provisioning Restrictions (Cont'd)	
			The customer must request a credit within one calendar month of the Company missing a Frame Relay Service Level Commitment. The Company will investigate customer requests for any SLA credits to determine the cause of any performance failures reported by the customer. The Company will investigate the customer's request over a period of up to 45 calendar days. The 45-day period will begin when the customer makes the request for credit with their BellSouth Sales Representative. SLA credits will be provided to the customer if the Company determines that the Company had control over the circumstances causing the failure. If the Company determines that these failures are the result of oversubscription of Frame Relay Service Customer Connections, the Company will provide the customer with the reports documenting the oversubscription and Network SLA credits will not be issued. The customer will be required to upgrade their Frame Relay Service Customer Connections or no future SLA credits will be allowed on that Frame Relay Service Customer Connection(s).	(0)
			When a customer requests a SLA credit for Frame Relay Network Availability, all requests for a calendar month must be submitted at the same time. For example, the customer receives a SLA report on May 1 st providing a report on April performance. Any requests for Network Availability SLA credits on Customer Connections for the month of April must all be submitted together.	(0)
		c.	SLA Credits for Frame Relay Service Level Commitments	(0)
			The following credits will apply when the Company misses a Service Level Commitment (each credit is described in (1) thru (5) following):	(0)
			- Frame Relay Installation Interval – Credit non-recurring installation charge paid by the customer	(0)
			- Frame Relay Time-To-Repair – Credit one day of Monthly Recurring Charge (MRC)	(0)
			- Frame Relay Network Availability – Credit one day of MRC	(0)
			- Frame Relay Network Transit Delay – Credit MRC	(0)
			- Frame Relay Frame Delivery Rate – Credit MRC	(0)
			The SLA credit amount will be determined by applying the credits outlined above to the rate elements or total billed revenues specified following.	(0)
			(1) Frame Relay Installation Interval Credit - this credit will only apply to the installation or upgrade of a Frame Relay Customer Connection. The credit will be equal to the nonrecurring installation charge for the Customer Connection, Broadband Line and Broadband Line Extension. The credit will not apply to expedited installations or to installations where no facility and/or switch exist. If on the due date the customer is not ready or in a case where another of the customer's service providers (including the customer's provider of customer premises equipment, interexchange service, or other local service provider) is not ready, the Company is not liable for missing the due date and SLA credits do not apply.	(0)
			(2) Frame Relay Time-To-Repair Credit - this credit will require that the customer report the problem to the BellSouth Repair Center. The repair interval will start with the time entered on the trouble ticket. The Service Level Commitment measurement will be based on each individual trouble ticket for a Customer Connection. Multiple trouble tickets on the same day for the same Customer Connection will only be eligible for one time-to-repair credit. The credit will be one day of the MRC for the Customer Connection and Broadband Line. Credits on any individual Customer Connection for a calendar month cannot exceed the MRC for the Customer Connection and Broadband Line.	(0)

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.1 Frame Relay Service (Cont'd) (T)(O) A140.1.2 Regulations (Cont'd) (T)(O) B. Basis of Offering (Cont'd) (O)6. Service Level Agreements (Cont'd) (O)c. (Cont'd) (O)(3) Frame Relay Network Availability – this credit will apply in the event that the measurement for the customer's (O)network is missed. The credit will then be for each Frame Relay Customer Connection which does not meet the 99.9% availability commitment. The credit will be one day of the MRC of the Frame Relay Customer Connection and the Broadband Line. The unavailability of a Customer Connection will be calculated from the trouble tickets submitted for the Customer Connection. The unavailability of a customer's network will be calculated from the trouble tickets submitted for each Customer Connection within the customer's network. The Service Level Commitment will be calculated by first subtracting the unavailable time from the total available time for a particular calendar month and then dividing it by the total available time. Included in available time are scheduled maintenance windows and time the network was unavailable due to circumstances outside the Company's control. (4) Frame Relay Network Transit Delay - measurement will be on each Frame Relay PVC (network port to (O)network port). The credit will be equal to the MRC for the DLCI pair making up the PVC. Frame Relay Frame Delivery Rate - measurement will be on each Frame Relay PVC. The credit will be equal (5) (O)to the MRC for the DLCI pair and 15 days of the MRC for each CIR making up the PVC. C. Provision of Service (O)1. Rates and charges contained in this Section of the Tariff consist of the following elements: (O)Customer Connection to Frame Relay Service (O)a. Frame Relay Service Customer Connections are available at the following transmission speeds: 56 Kbps, 64 Kbps, (\mathbf{O}) Fractional T1, Subrate T1, 1.536 Mbps, MultiLink, Subrate T3 and 44.210 Mbps. (1) Fractional T1 Customer Connections are provided at the following specific transmission speeds: 112 (O)Kbps, 128 Kbps, 192 Kbps, 256 Kbps, 320 Kbps, 384 Kbps, 448 Kbps, 512 Kbps, 576 Kbps, 640 Kbps, 704 Kbps, 768 Kbps, 1024 Kbps and 1152 Kbps. A Fractional T1 Customer Connection is provisioned in association with a channelized 1.536 Mbps transport facility and requires the dedication of only a quantity of the DS0 channels equivalent to the Fractional T1 Customer Connection transmission speed. (2) Subrate T1 Customer Connections are provided at the following specific transmission speeds: 128 Kbps, (O)256 Kbps, 384 Kbps, 512 Kbps, 768 Kbps and 1152 Kbps. A Subrate T1 Customer Connection is also provisioned in association with a 1.536 Mbps transport facility but requires the dedication of the full 1.536 Mbps transport facility's bandwidth. (3) MultiLink Customer Connections are provided at the following specific transmission speeds: 3 Mbps, 6 (\mathbf{O}) Mbps, 9 Mbps and 12 Mbps. A MultiLink Customer Connection is provisioned in association with multiple 1.536 Mbps Broadband Line facilities whose combined bandwidth is equivalent to the transmission speed of the MultiLink Customer Connection. MultiLink Customer Connections will not be available to operate with Customer Network Management or Frame Relay Back-Up Capability until such time as technical limitations are resolved. (4) Subrate T3 Customer Connections are provided at the following specific transmission speeds: 3 Mbps, 6 (O)Mbps, 9 Mbps, 12 Mbps, 15 Mbps, 18 Mbps, 21 Mbps, 24 Mbps, 27 Mbps, 30 Mbps and 33 Mbps. A Subrate T3 Customer Connection is provisioned in association with a 44.210 Mbps transport facility and requires the dedication of the full 44.210 Mbps transport facility's bandwidth. b. Back-Up Capability (O)Frame Relay Service Features c. (O)

(T)(O)

(T)(O)

(O)

(O)

 (\mathbf{O})

(O)

 (\mathbf{O})

(O)

(O)

(O)

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.1 Frame Relay Service (Cont'd)

A140.1.2 Regulations (Cont'd)

- **C.** Provision of Service (Cont'd)
 - 2. Certain Company Central Offices are designated by the Company as Serving Area Points (SAPs) for the Frame Relay Service Network Serving Area. A customer accessing the Frame Relay Service network, whose Serving Wire Center is designated a SAP, will only require a Broadband Line-FPO as described in A40.5. A Frame Relay Service customer, whose Serving Wire Center is not designated a SAP, will require a Broadband Line-FPO to the Serving Wire Center, as well as, a Broadband Line Extension-FPO (also described in A40.5) to gain access to the closest designated SAP.
 - 3. The Customer Connection rate element includes the customer's transport from a Serving Area Point to the Frame Relay (0) Service switching equipment and the customer's termination on the Frame Relay Service switching equipment. One Initial DLCI is applicable when DLCIs are ordered at the same time as the installation of the Customer Connection. Only one "Initial" DLCI (either one Initial Standard DLCI or one Initial Priority DLCI) is allowed per Customer Connection. Additional DLCIs (beyond this initial DLCI) ordered with the installation of the Customer Connection and any DLCIs ordered subsequent to the installation of the Customer Connection are considered Additional DLCIs.
 - 4. Service Charges for installing Frame Relay Service are included in the respective nonrecurring charges specified herein. (T)(O) Service Charges from Section A4. are not applicable for installing such services. Charges applicable for customer requested change of service installation due date and cancellation of service installation are as specified in Section A40.9 following.
 - 5. Should a customer having locations in more than one Frame Relay Network Serving Area within a LATA, desire to send (O) data traffic between these locations, the customer can interconnect these locations through the following two options:
 - a. Dedicated Connection:

The customer subscribes to additional Customer Connections (in each Network Serving Area) which are enabled to support inter-serving area connectivity and Broadband Line Extension-FPOs to connect them. These additional rate elements will be used solely to transport this customer's data traffic between affected Frame Relay Network Serving Areas. In addition to the normal DLCI and CIR charges associated with each PVC, additional DLCI and CIR charges apply per PVC between the additional Customer Connection except when these connections have been specifically requested by the customer to be provisioned as customer specific trunks.

b. Shared Connection:

The Company may establish facilities between Frame Relay Service switching equipment in different Network Serving Areas in the same LATA and may allow customers to share bandwidth on these facilities; where these shared facilities are available to customers, a shared connection is an option. The customer must establish one or more Inter-Network Serving Area Links that extend between Frame Relay switches. Each of these links has an associated CIR. One PVC exists between both customer premises through each link. All CIRs on this PVC must have the same value. Charges for the Inter-Network Serving Area Link are applied as follows:

- the Inter-Network Serving Area Link Establishment is charged at each end of the link,
 the Inter-Network Serving Area Link CIR is charged at each end of the link, and
 (0)
 - no additional DLCI charges apply for the link (however, normal DLCI and CIR charges apply for the PVC).
- 6. In some cases, the Company and another Incumbent Local Exchange Company that offers Frame Relay technology will jointly connect Frame Relay switching equipment within a LATA to provide customers the ability to interconnect their locations served by the different companies. In order to utilize the Company's portion of this jointly provided shared connection, the customer must subscribe to one end of an Inter-Network Serving Area Link and the associated CIR.
- 7. Based upon Frame Relay Forum Implementation Agreement 5 (FRF.5), a Frame Relay end user may send data from a premises location with a Frame Relay User Network Interface (UNI) or a Network to Network Interface (NNI) to another premises with an Asynchronous Transfer Mode (ATM) Service UNI. The Frame Relay data is essentially encapsulated in the ATM Service bit stream and must be retrieved by the end-user's CPE as Frame Relay. To enable this feature, the customer must establish one or more Frame Relay/ATM interworking links that extend between the Frame Relay and ATM switches. Each of these links has an associated CIR. One PVC exists between these switches through this link. All CIRs on this PVC must have the same value. The following charges apply for this Frame Relay/ATM Network Interworking feature:
 - the Inter-Network Serving Area Link Establishment is charged at each end of this link, and (0)
 - the Inter-Network Serving Area Link CIR is charged at each end of this link, and
 - no additional DLCI charges apply for the interworking link (however, normal DLCI and CIR charges apply for the PVC). (0)

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

 (\mathbf{O})

(O)

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.1 Frame Relay Service (Cont'd) (T)(O) A140.1.2 Regulations (Cont'd) (T)(O) C. Provision of Service (Cont'd) 8. Based upon Frame Relay Forum Implementation Agreement 8, FRF.8, a Frame Relay end user may send data from a premises location with a Frame Relay User Network Interface (UNI) or a Network to Network Interface (NNI) to another premises with an Asynchronous Transfer Mode (ATM) Service UNI. The Frame Relay data is converted from Frame

Relay protocol to ATM protocol in the Frame Relay network. To enable this feature, the customer must establish one or more Frame Relay/ATM interworking links that extend between the Frame Relay and ATM switches. Each of these links has an associated CIR. One PVC exists between these switches through this link. All CIRs on this PVC must have the same value. The following charges apply for this Frame Relay/ATM Service Interworking feature: - the Inter-Network Serving Area Link Establishment is charged at each end of this link, and (O)- the Inter-Network Serving Area Link CIR is charged at each end of this link, and (O) - no additional DLCI charge apply (O)9 To have Back-Up Capability as an option, the customer is required to have a Back-Up Customer Connection and a (T)(O) separate Broadband Exchange Line (with Broadband Line Extension Service, as appropriate) which are designated specifically for back-up purposes. Monthly rates and nonrecurring charges applicable for a Back-Up Customer Connection are provided in AI40.1.3.B.1.following. Monthly rates and nonrecurring charges for Broadband Line Service are found in A40.5. The activation of a Back-Up Customer Connection via the rerouting of traffic from a primary Customer Connection to (0) the Back-Up Customer Connection is a manual operation performed by the Company at the direction of the customer. At the direction of the customer, the Company will subsequently then redirect traffic from the Back-Up Customer Connection to the primary Customer Connection. A Primary Customer Connection Back-Up Enablement/Change Charge provided in AI40.1.3.B.2 is applicable per (T)(O)existing primary Customer Connection which is requested by the customer to be back-up enabled. A Primary Customer Connection Back-Up Enablement/Change Charge is also applicable for each existing back-up enabled primary Customer Connection when the customer requests a reassignment of that primary Customer Connection to a different Back-Up Customer Connection. 10. To create a Priority PVC, the customer requests the mapping of Priority Voice or Priority Data DLCIs. (O)Feature Change Charges apply for requests to convert existing Standard PVCs to Priority PVCs (or vice versa¹). A (O)Feature Change Charge applies per service order required to perform the work. At the customer's request, a Priority PVC may be formed between a Frame Relay Service Priority Voice or Priority Data (O)DLCI and an ATM Service non-UBR PVC Segment (which would additionally require Frame Relay to ATM Interworking capability)². A Feature Charge shall apply for a request involving an existing Frame Relay to ATM Interworking PVC where the associated Standard DLCI is converted to a Priority DLCI (or vice versa); a Frame Relay Service Feature Change Charge applies per service order required to perform the Frame Relay Service work.

Note 1:	Applicable for such requests on Standard PVCs, Intelligent PVCs or MultiCast PVCs.	(0)
NT / 0		

Note 2: Not applicable to Priority MultiCast PVCs where Frame Relay toATM Interworking is not (O)technically possible.

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.1 Frame Relay Service (Cont'd)

A140.1.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

11. To create a Frame Relay Service Intelligent PVC, the customer requests the mapping of three DLCIs. A Frame Relay (T)(O) Service Intelligent PVC may be comprised of three Standard DLCIs, three Priority Voice DLCIs or three Priority Data DLCIs. One Intelligent PVC Charge (a recurring rate) applies per customer-specified arrangement of 3 DLCIs and applies in addition to the appropriate nonrecurring and recurring charges for each of the three DLCIs. The Intelligent PVC Charge shall be billed to the Customer Connection associated with the DLCI which is the pivot endpoint (as explained in A140.1.2.A.3.b.) of this PVC.

A request to convert an existing two DLCI PVC into a three DLCI Intelligent PVC (or vice versa) shall be considered as (O)a request to disconnect the existing PVC and as a request for the connection of new DLCIs to form the new PVC. At the customer's direction, the DLCI numbers associated with the PVC being disconnected may be reused for the DLCIs associated with the new PVC.

The pivot endpoint of an Intelligent PVC must be provisioned out of a Company-provided Frame Relay Service switch. (O)(The primary endpoint and secondary endpoint of an Intelligent PVC may be associated with premises located outside of Company territory. If only Company provided switches are utilized in the total service configuration, no service limitations should occur; however, when a non-Company switch is involved in an Intelligent PVC configuration, service limitations may be encountered. BellSouth document TR-73587, which contains technical information on Intelligent PVC rerouting, provides details relating to such limitations.)

Both the primary and secondary endpoints of an Intelligent PVC must be of the same service type; therefore, both (O)endpoints must be Frame Relay Service because the use of any method of Frame Relay to ATM interworking within an Intelligent PVC configuration is not currently technically feasible.

(T)(O)

(T)(O)

(O)

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.1 Frame Relay Service (Cont'd)

A140.1.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

12. To create a MultiCast PVC, the customer must have established individual PVCs between the Customer Connection of (T)(O) the host site and each Customer Connection of each remote site that is to be a member of that specific MultiCast PVC Group. Standard charges apply for the establishment of the DLCIs, CIR, etc. associated with these member PVCs. While these standard PVCs will be identified as members of a MultiCast PVC Group (and as such receive the unidirectional broadcast transmission from the host site), each individual PVC is still a bi-directional PVC capable of being used by the host site and remote site to communicate independently of the MultiCast PVC Group.

The customer shall provide a unique DLCI number to be used to identify each MultiCast PVC Group associated with a (O)host site; this unique DLCI number will be used in establishing the MultiCast PVC and shall be utilized on an ongoing basis to refer to that specific MultiCast PVC when requesting any subsequent change activity to the associated MultiCast PVC Group. A host site can have more than one MultiCast PVC. A remote site can be a part of multiple MultiCast PVC Groups associated with the same or multiple other host site(s).

Each MultiCast PVC Group shall be established as a Standard MultiCast PVC Group or a Priority MultiCast PVC Group. (O)A Standard MultiCast PVC Group shall be comprised of member PVCs established utilizing all Standard DLCIs; while not specifically required, it is strongly recommended that each member PVC in a Standard MultiCast PVC have DLCIs with an associated CIR value of greater than zero. A Priority MultiCast PVC Group shall be comprised of member PVCs established utilizing all Priority (Voice or Data) DLCIs; each member PVC in a Priority MultiCast PVC is required to have Priority (Voice or Data) DLCIs with an associated CIR value of greater than zero.

One MultiCast PVC Group Charge shall apply and be billed to the host site in association with each MultiCast PVC (O)established. The appropriate MultiCast PVC Group Charge varies based 1) upon whether the MultiCast PVC is to be a Standard MultiCast PVC or a Priority MultiCast PVC and 2) upon the transmission speed of the host site Frame Relay Customer Connection (e.g., the Priority 1.536 Mbps MultiCast PVC Group Charge would be applicable for a Priority MultiCast PVC established on a 1.536 Mbps Frame Relay Customer Connection).

A MultiCast PVC Group Modification Charge applies per member PVC that is requested to be modified, added to or (O)deleted from an existing MultiCast PVC Group, subsequent to the initial establishment of the MultiCast PVC. The MultiCast PVC Group Modification Charges are billed to the host Customer Connection.

If a Standard MultiCast PVC is requested to be changed to a Priority MultiCast PVC (or vice versa), Feature Change (T)(O) Charges apply as set forth in A140.1.2.C.9 to change each DLCI in each member PVC from Standard to Priority (or vice versa). In addition to the nonrecurring charge associated with the MultiCast PVC Group Charge billed to the host for this change request, a MultiCast PVC Group Modification Charge shall also apply per member PVC so modified in the MultiCast PVC Group.

The Frame Relay Customer Connection associated with the host site must be of a transmission speed equal to or greater (O)than 1.536 Mbps and may not be a MultiLink Customer Connection.

A service inquiry will be required in order to determine the availability of MultiCast PVC Capability to meet each (O)customer request for a MultiCast PVC as a result of the following limitations. MultiCast PVC Capability is possible only where Frame Relay switch facilities are available (that serve the host site) that are currently technically capable of provisioning this feature. There is an additional limitation on the total number of MultiCast Groups which can be established per Frame Relay switch; consequently, capacity may not exist to fulfill a customer's request. Additionally, there is a per MultiCast PVC Group limit on the number of members possible which varies based upon the packet size transmitted by the host site; as the standard packet size increases, the number of members that may be in the MultiCast PVC Group decreases.

(T)(O)

(T)(O)

(O)

(T)(O)

(T)(O)

 (\mathbf{O})

(O)

(O)

(O)

3.

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.1 Frame Relay Service (Cont'd) A140.1.2 Regulations (Cont'd) D. Contract Plans 1. Contract Plans are available under conditions specified in the Fast Packet Services Payment Plan in A40.10 with contract periods described as follows:

- a. Term Payment Plan A payment periods may be selected from 12 to 36 months.¹
- b. Term Payment Plan B payment periods may be selected from 37 to 60 months.²
- Provided the applicable conditions set forth in A40.10.2 and A40.10.4.B. are satisfied, a Termination Liability Charge (0) will not be applicable at the date of termination, if prior to fulfilling the period of the contract plan the customer requests a change from a Frame Relay Service to the same speed, higher speed or next lower speed of any service offered by the Company under a contract plan. In such cases, the full nonrecurring charges apply for the installation of the new service requested, except as specified otherwise in this or the new service's applicable service publication(s).

For purposes of implementing this regulation on Termination Liability Charges for changes from one speed of Frame (0) Relay Service (under contract) to another speed of Frame Relay Service (under contract), the following hierarchy of Frame Relay Customer Connection speeds shall exist (shown in order of lowest to highest):

	-	56 Kbps	(0)
	-	64 Kbps	(0)
	-	Fractional T1	(0)
	-	Subrate T1	(0)
	-	1.536 Mbps	(0)
	-	MultiLink	(0)
	-	Subrate T3	(0)
	-	44.210 Mbps	(0)
Th Fe co tha	e non ature, nvert at is re	recurring charge for the installation of a Frame Relay Customer Connection, any associated Frame Relay Service , and/or any associated Broadband Line Service (A40.5) is not applicable for a customer requested change to an existing customer with BellSouth AccuPulse service or BellSouth PulseLink service to Frame Relay Service equested under a contract plan.	(0)

Note 1:	As of January 20, 2011, Term Payment Plan A payment periods greater than 24 months are no	(0)
	longer available for new or renewing subscribers.	

Note 2: As of January 20, 2011, Term Payment Plan B payment periods are no longer available for (0) new or renewing subscribers.

at 1.536 Mbps

(e)

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.1 Frame Relay Service (Cont'd) (T)(O)A140.1.3 Rates and Charges (T)(O)Customer Connection to Frame Relay Service Α. (O) 1. A minimum of one Customer Connection is required per customer to subscribe to Frame Relay Service. (O) **B**⁵ Month A^4 Nonrecurring То 12 to 36 37 to 60 Month Months USOC Charge Months \$400.00 \$110.00 \$95.00 \$67.00 FRH56 at 56 Kbps¹ (O)(a) at 64 Kbps¹ 400.00 110.00 95.00 67.00 FRH64 (b) (O)(c) at Fractional T1 (O)460.00 FRH11 - 112 Kbps² 166.00 144.00 102.00 (O)460.00 FRH12 - 128 Kbps² 166.00 144.00 102.00 (O)460.00 263.00 228.00 FRH19 - 192 Kbps² 173.00 (O)- 256 Kbps² 460.00 331.00 286.00 203.00 FRH25 (O) - 320 Kbps² 460.00 414.00 358.00 254.00 FRH32 (O)- 384 Kbps² 525.00 566.00 509.00 440.00 FRH38 (O)- 448 Kbps² 525.00 566.00 509.00 440.00 FRH44 (O)525.00 566.00 FRH51 - 512 Kbps² 509.00 440.00 (O) - 576 Kbps² 525.00 566.00 509.00 440.00 FRH57 (O)- 640 Kbps² 525.00 566.00 509.00 440.00 FRH4O (\mathbf{O}) 440.00 525.00 566.00 509.00 FRH7O - 704 Kbps² (O)525.00 566.00 509.00 440.00 FRH76 (\mathbf{O}) - 768 Kbps² - 1024 Kbps² 525.00 566.00 509.00 440.00 FRH24 (O)525.00 566.00 509.00 440.00 FRH52 - 1152 Kbps² (O)(d) at Subrate T1 (O) - 128 Kbps³ 525.00 235.00 214.00 166.00 FRHS1 (O) 525.00 276.00 256.00 208.00 FRHS2 - 256 Kbps³ (O)- 384 Kbps³ 525.00 359.00 338.00 282.00 FRHS3 (\mathbf{O}) - 512 Kbps³ 525.00 414.00 386.00 323.00 FRHS5 (O)- 768 Kbps³ 525.00 462.00 434.00 365.00 FRHS7 (\mathbf{O}) - 1152 Kbps³ 525.00 524.00 476.00 414.00 FRHSE (O)

Note 1: The Customer Connections at 56 Kbps and 64 Kbps are primarily utilized respectively with 56 (T)(O) Kbps and 64 Kbps transport facilities. They may alternately be utilized with a 1.536 Mbps transport facility and provisioned as a Fractional T1 service (as discussed in Note 2).

566.00

509.00

440.00

FRH15

(O)

525.00

- **Note 2:** Fractional T1 Customer Connection: This Customer Connection is provisioned in association (O) with channelized 1.536 Mbps transport facilities. If requested with a 1.536 Mbps Broadband Line Service, only other Fast Packet Transport Services may utilize the remaining bandwidth of the transport; if provided in association with spare capacity on a channelized Private Line Service (e.g., channelized MegaLink Service), any other services may utilize the remaining bandwidth as allowed by the regulations governing the transport service.
- **Note 3:** Subrate T1 Customer Connection: This Customer Connection is provisioned as Subrate T1 (0) service and may be referred to for marketing purposes as Flexible T1 Frame Relay Service. Each such Customer Connection requires the dedication to it of a full 1.536 Mbps of transport bandwidth (e.g., a full 1.536 Mbps Broadband Line Service); no other service(s) may utilize the remaining bandwidth.
- **Note 4:** As of January 20, 2011, Term Payment Plan A payment periods greater than 24 months are no (O) longer available for new or renewing subscribers.
- **Note 5:** As of January 20, 2011, Term Payment Plan B payment periods are no longer available for (O) new or renewing subscribers.

(O)

(O)

1

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.1 Frame Relay Service (Cont'd) (T)(O) A140.1.3 Rates and Charges (Cont'd) (T)(O)

A. Customer Connection to Frame Relay Service (Cont'd)

•	A minimum of one Customer	Connection is required	per customer to s	subscribe to Frame	Relay Service.	. (Cont'd)	
				M	▲ 4	n 5	

		Nonrecurring	To	A ⁺ 12 to 36	B ⁻ 37 to 60		
		Charge	Month	Months	Months	USOC	
(f)	at MultiLink						(0)
	- 3 Mbps ^{1,2}	\$ 500.00	\$ 897.00	\$ 828.00	\$ 690.00	FRHM3	(0)
	- 6 Mbps ^{1,2}	600.00	1121.00	1035.00	863.00	FRHM6	(0)
	- 9 Mbps ^{1,2}	800.00	1346.00	1242.00	1035.00	FRHM9	(0)
	- 12 Mbps ^{1,2}	1000.00	1570.00	1449.00	1208.00	FRHM2	(0)
(g)	at Subrate T3						(0)
	-3 Mbps ³	2000.00	1127.00	1035.00	857.00	FRHO3	(0)
	- 6 Mbps^3	2000.00	1213.00	1104.00	972.00	FRHO6	(0)
	-9 Mbps ³	2000.00	1443.00	1313.00	1156.00	FRHO9	(0)
	-12 Mbps ³	2000.00	1673.00	1523.00	1340.00	FRH2M	(0)
	-15 Mbps ³	2000.00	1903.00	1732.00	1524.00	FRH5M	(0)
	-18 Mbps ³	2000.00	2133.00	1941.00	1708.00	FRH18	(0)
	- 21 Mbps ³	2000.00	2363.00	2151.00	1893.00	FRH21	(0)
	- 24 Mbps ³	2000.00	2593.00	2360.00	2077.00	FRH4M	(0)
	-27 Mbps ³	2000.00	2823.00	2569.00	2261.00	FRH27	(0)
	-30 Mbps ³	2000.00	3053.00	2778.00	2445.00	FRH3O	(0)
	-33 Mbps ³	2000.00	3283.00	2988.00	2629.00	FRH33	(0)
(h)	at 44.210 Mbps	1225.00	4025.00	3738.00	3450.00	FRH1O	(0)

- Note 1: A MultiLink Customer Connection is provisioned using multiple 1.536 Mbps Broadband Lines (O) whose combined bandwidth is equivalent to the transmission speed of the MultiLink Customer Connection.
- The MultiLink Customer Connection Speed Change Charge applies in lieu of the nonrecurring Note 2: (O) charge shown above when an existing MultiLink Customer Connection is requested to be changed to another speed MultiLink Customer Connection. Additional charges from A40.5 also apply for additional 1.536 Mbps Broadband Lines required when the request is for a change to a higher MultiLink speed.
- A Subrate T3 Customer Connection (defined as a Customer Connection from 3 to 33 Mbps) is Note 3: (O)provisioned utilizing 44.210 Mbps of transport bandwidth (e.g., a 44.210 Mbps Broadband Line Service); no other service(s) may utilize the remaining bandwidth.
- As of January 20, 2011, Term Payment Plan A payment periods greater than 24 months are no Note 4: (O) longer available for new or renewing subscribers.
- Note 5: As of January 20, 2011, Term Payment Plan B payment periods are no longer available for (O)new or renewing subscribers.

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.1 Frame Relay Service (Cont'd) (T)(O) A140.1.3 Rates and Charges (Cont'd) (T)(O) Customer Connection to Frame Relay Service (Cont'd) (O)2. Subrate T1 Speed Change Charge (O) This nonrecurring charge applies per Subrate T1 Customer Connection (defined as a Customer Connection provisioned (T)(O) as a Subrate T1 service with restricted bandwidth of 128 Kbps, 256 Kbps, 384 Kbps, 512 Kbps, 768 Kbps or 1152 Kbps) requested to be changed to either 1) another speed of Subrate T1 Customer Connection or 2) to a 1.536 Mbps Customer Connection. Accordingly, the Subrate T1 Speed Change Charge applies in lieu of the Nonrecurring Charge specified in A140.1.3.A.1 for the new speed Customer Connection. Nonrecurring Charge USOC \$90.00 Per Subrate T1 Customer Connection Speed Change Request FRHT1 (a) (O)Fractional T1 to Subrate T1 Change Charge (O)3. This nonrecurring charge applies per Fractional T1 Customer Connection requested to be changed to a Subrate T1 (T)(O) Customer Connection. Accordingly, the Fractional T1 to Subrate T1 Change Charge applies in lieu of the Nonrecurring Charge specified in A140.1.3.A.1 for the new Subrate T1 Customer Connection. Nonrecurring Charge USOC FRHFS Per Fractional T1 to Subrate T1 Customer Connection \$180.00 (a) (O)Change Request 4. MultiLink Speed Change Charge (O)This nonrecurring charge applies per MultiLink Customer Connection requested to be changed to another speed (T)(O) MultiLink Customer Connection. Accordingly, the MultiLink Speed Change Charge applies in lieu of the Nonrecurring Charge specified in AI40.1.3.A.1 for the new speed MultiLink Customer Connection. Additional charges from A40.5 also apply for additional 1.536 Mbps Broadband Lines required when the request is for a change to a higher MultiLink speed. Nonrecurring Charge USOC \$300.00 FRHMC Per MultiLink Customer Connection Speed Change Request (O)(a) Subrate T3 Speed Change Charge 5. (O)This nonrecurring charge applies per Subrate T3 Customer Connection (defined as a Customer Connection from 3 Mbps (T)(O) to 33 Mbps) requested to be changed to either 1) another speed Subrate T3 Customer Connection or 2) to a 44.210 Mbps Customer Connection. Accordingly, the Subrate T3 Speed Change Charge applies in lieu of the Nonrecurring Charge specified in A140.1.3.A.1 for the new speed Customer Connection. Nonrecurring

	1 tom cearring		
	Charge	USOC	
(a) Per Subrate T3 Customer Connection Speed Change Request	\$500.00	FRHT3	(0)

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.1 Frame Relay Service (Cont'd) (T)(O) A140.1.3 Rates and Charges (Cont'd) (T)(O) B. Back-Up Capability (O) On an optional basis a customer may choose to have Back-Up Capability for his Frame Relay Service. (O) 1. Frame Relay Back-Up Customer Connection (O) A minimum of one Frame Relay Back-Up Customer Connection is required in order to have Back-Up Capability. (O)(Provisioning Basic Class of Service: FPLBN) \mathbf{A}^1 \mathbf{B}^2 Month Nonrecurring То 12 to 36 37 to 60 Charge Month Months Months USO C \$400.00 FRH56 at 56 Kbps \$46.00 \$ 40.00 \$29.00 (O) (a) at 64 Kbps 400.00 46.00 40.00 29.00 FRH64 (b) (O) at 1.536 Mbps 525.00 377.00 339.00 293.00 FRH15 (c) (O) 1,225.00 3,220.00 2,990.00 2,760.00 FRH10 (d) at 44.210 Mbps (O) 2. Primary Customer Connection Back-Up Enablement/Change Charge (O)Nonrecurring Charge USOC \$125.00 FRHBE (O) Per Existing Primary Customer Connection (a) Note 1: As of January 20, 2011, Term Payment Plan A payment periods greater than 24 months are no (O)longer available for new or renewing subscribers.

Note 2: As of January 20, 2011, Term Payment Plan B payment periods are no longer available for (O) new or renewing subscribers.
4	4140). OE	SOLE	ETE SE	RVICE OFFERINGS – FA	ST PACKET TR	ANS	PORT SER	VICES	
A <i>1</i> 40.	1 Fr	ame	Relay	/ Servi	ce (Cont'd)					(T)(O)
A140).1.3	Rates	and Ch	arges (C	ont'd)					(T)(O)
C.	Fra	ne Rela	ay Servic	e Feature	Charges					(0)
	1.	DLCI	[C C					(0)
		a. S	tandard	DLCI						(0)
		(1) Per	Customer	Connection					(0)
		(1) 101	customer	connection	Nonroom	ina	Monthly		(0)
						Cha	nge	Rate	USOC	
			(a)	Initial S	tandard DLCI ¹	\$	-	\$ -	XAFD1	(0)
			(b)	Each A	dditional Standard DLCI	25	5.00	2.00	FRVDX	(0)
		b. F	Priority V	voice DLC	Ί					(0)
		(1) Per	Customer	Connection					(0)
			(a)	Initial P	riority Voice DLCI ^{1,2}		-	5.00	FRVPU	(0)
			(b)	Each A	dditional Priority Voice DLCI ²	40).00	5.00	FRVPV	(0)
		c. F	Priority D	Data DLCI						(0)
		(1) Per	Customer	Connection					(0)
			(a)	Initial P	riority Data DLCI ^{1,2}		-	5.00	FRVPC	(0)
			(b)	Each A	dditional Priority Data DLCI ²	40	0.00	5.00	FRVPD	(0)
	2.	Com	nitted In	formation	Rate (CIR)					(0)
		а. Т	The chose	en CIR cai	nnot exceed the minimum transmission s	peed of the link at eithe	r end o	f the PVC.		(0)
		(1) Per	DLCI						(0)
			(a)	0 Kbps			-	-	FRVRO	(0)
			(b)	1 thru 3	2 Kbps		-	9.00	FRVR3	(0)
			(c)	33 thru	56 Kbps		-	15.00	FRVR5	(0)
			(d)	57 thru	64 Kbps		-	16.00	FRVR6	(0)
			(e)	65 thru	128 Kbps		-	22.00	FRVR1	(0)
			(f)	129 thr	u 256 Kbps		-	33.00	FRVR2	(0)
			(g) (h)	25 / thr	u 384 Kops		-	47.00	FRVR4 FRVR8	(0)
			(i)	513 thr	u 768 Khns		-	107.00	FRVR7	(0)
			(i)	769 Kb	ps thru 1.536 Mbps		-	161.00	FRVR9	(0)
			(k)	1.537 tł	nru 4 Mbps		-	230.00	FRVRJ	(0)
			(1)	4.1 thru	10 Mbps		-	426.00	FRVRK	(0)
			(m)	10.1 th	ru 16 Mbps		-	748.00	FRVRL	(0)
			(n)	16.1 th	ru 34 Mbps		-	1,955.00	FRVRM	(0)
	2	T., 4 - 11	(0)	34.1 th	ru 44.210 Mbps		-	2,530.00	FRVRN	(0)
	5.	a. C	Dne Intell	ligent PV	C Charge applies per customer-specified	arrangement of 3 DLCI	is and i	s in addition to th	ne charges	(0)
		f	or the DI	LCIs.						
		(1) Per	Intelligent	PVC					(0)
			(a)	Each		\$	-	\$2.00	FRV1P	(0)
				Note 1:	One "Initial" DLCI is applicable whe of the Customer Connection. Only o Initial Priority DLCI) is allowed per Additional DLCIs.	n DLCIs are ordered at ne Initial DLCI (either Customer Connection.	the sa one In All o	me time as the in itial Standard DL ther DLCIs are c	nstallation CI or one considered	(0)
				Note 2:	A Priority DLCI must have CIR with	a value greater than 0.				(0)

(O)

(O)

(O)

(O)

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A140.1 Frame Relay Service (Cont'd) (T)(O) A140.1.3 Rates and Charges (Cont'd) (T)(O) (O)

- C. Frame Relay Service Feature Charges (Cont'd)
 - 4. MultiCast PVC Charges
 - MultiCast PVC Group Charge One MultiCast PVC Group Charge applies per MultiCast PVC on a host site Frame (O)Relay Customer Connection. This charge is in addition to the appropriate charges (DLCI, CIR, etc.) for the individual host to remote PVCs which are members of the MultiCast PVC Group.
 - (1) Per Standard MultiCast PVC Group (established from multiple host to remote PVCs which utilize all Standard (O)DLCIs) on a host Frame Relay Customer Connection of the following transmission speed:

			Month	\mathbf{A}^1	\mathbf{B}^2		
		Nonrecurring	То	12 to 36	37 to 60		
		Charge	Month	Months	Months	USOC	
(a)	1.536 Mbps	\$ 100.00	\$ 242.00	\$ 225.00	\$ 216.00	FRVW1	(0
(b)	3 Mbps	100.00	334.00	316.00	310.00	FRVW3	(0
(c)	6 Mbps	100.00	391.00	362.00	340.00	FRVW6	(O
(d)	9 Mbps	100.00	443.00	411.00	386.00	FRVW9	(0
(e)	12 Mbps	100.00	495.00	459.00	432.00	FRVW2	(O
(f)	15 Mbps	100.00	546.00	507.00	478.00	FRVW5	(O
(g)	18 Mbps	100.00	598.00	555.00	524.00	FRVW8	(0
(h)	21 Mbps	100.00	650.00	604.00	570.00	FRVWT	(O
(i)	24 Mbps	100.00	702.00	652.00	616.00	FRVW4	(0
(j)	27 Mbps	100.00	753.00	700.00	662.00	FRVW7	(0
(k)	30 Mbps	100.00	805.00	749.00	708.00	FRVWO	(O
(1)	33 Mbps	100.00	857.00	797.00	754.00	FRVWM	(0
(m)	44.210 Mbps	100.00	966.00	941.00	917.00	FRVWN	(O
	<u> </u>						

(2) Per Priority MultiCast PVC Group (established from multiple host to remote PVCs which utilize all Priority DLCIs) on a host Frame Relay Customer Connection of the following transmission speed:

(a)	1.536 Mbps	\$ 100.00	\$ 259.00	\$ 243.00	\$ 233.00	FRVN1	(0)
(b)	3 Mbps	100.00	352.00	334.00	327.00	FRVN3	(O)
(c)	6 Mbps	100.00	408.00	380.00	357.00	FRVN6	(0)
(d)	9 Mbps	100.00	460.00	428.00	403.00	FRVN9	(0)
(e)	12 Mbps	100.00	512.00	476.00	449.00	FRVN2	(0)
(f)	15 Mbps	100.00	564.00	524.00	495.00	FRVN5	(0)
(g)	18 Mbps	100.00	615.00	573.00	541.00	FRVN8	(0)
(h)	21 Mbps	100.00	667.00	621.00	587.00	FRVNT	(0)
(i)	24 Mbps	100.00	719.00	669.00	633.00	FRVN4	(0)
(i)	27 Mbps	100.00	771.00	718.00	679.00	FRVN7	(0)
(k)	30 Mbps	100.00	822.00	766.00	725.00	FRVNO	(0)
(I)	33 Mbps	100.00	874.00	814.00	771.00	FRVNM	(0)
(m)	44 210 Mbps	100.00	983.00	959.00	934.00	FRVNN	(0)

- MultiCast PVC Group Modification Charge The MultiCast PVC Group Modification Charge is a nonrecurring b. charge which applies per member PVC requested to be modified, added to or deleted from an existing MultiCast PVC Group.
 - (1) Per Customer Request

	Nonrecurring		
	Charge	USOC	
(a) Per Host to Remote PVC	\$ 40.00	FRVMC	(0)

- As of January 20, 2011, Term Payment Plan A payment periods greater than 24 months are no Note 1: (O) longer available for new or renewing subscribers.
- As of January 20, 2011, Term Payment Plan B payment periods are no longer available for Note 2: (O)new or renewing subscribers.

EFFECTIVE: September 19, 2011

A140. OBSOLETE SERVICE OFFERINGS – F	AST PACKET TRANS	PORT SER	VICES	
A <i>1</i> 40.1 Frame Relay Service (Cont'd)				(T)(O)
A140.1.3 Rates and Charges (Cont'd)				(T)(O)
C. Frame Relay Service Feature Charges (Cont'd)				(0)
5 Inter-Network Serving Area Link				(0)
a Dar End of Link				(0)
a. Per Elid of Link				(0)
(1) Link				(O)
	Nonrecurring	Monthly		
	Charge	Rate	USOC	
(a) Per establishment	\$10.00	-	FRVLE	(0)
(2) CIR				(0)
(a) 0 thru 32 Kbps	-	10.00	FRVL3	(0)
(b) 33 thru 56 Kbps	-	15.00	FRVL5	(0)
(c) 57 thru 64 Kbps	-	16.00	FRVL6	(0)
(d) 65 thru 128 Kbps	-	20.00	FRVL1	(O)
(e) 129 thru 256 Kbps	-	35.00	FRVL2	(O)
(f) 257 thru 384 Kbps	-	55.00	FRVL4	(0)
(g) 385 thru 512 Kbps	-	70.00	FRVL8	(0)
(h) 513 thru 768 Kbps	-	150.00	FRVL7	(0)
(i) 769 Kbps thru 1.536 Mbps	-	225.00	FRVL9	(0)
(1) 1.537 thru 4 Mops	-	500.00	FKVLJ EDVL <i>K</i>	(0)
$(\mathbf{K}) 4.1 \text{ thru 10 Mbps}$	-	800.00	FRVLR FDVI I	(0)
(1) 10.1 thru 10 Mbps $(m) = \frac{16}{16} \frac{1}{16} \frac{1}{16}$		2 100 00	FRVLL FRVI M	(0)
(iii) 10.1 uitu 34 1910ps (n) 34.1 thru 44.210 Mbns	_	2,100.00	FRVLN	(0)
6. Feature Change Charge		2,200.00		(0)
(a) Per occurrence, per feature	25.00	-	FRVFX	(0)

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

(M)

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES A140.2 Reserved For Future Use

A140.	3 Na	ative Mode LAN Interconnection (NMLI) Service	
	(Ob	soleted 3/30/2004, Type 2. This service is not available for new installations on and after the specified obsolete date.)	(M)
A140	.3.1	General	(M)
А.	Nat inte	ive Mode LAN Interconnection (NMLI) service is a high-speed (10, 100 or 1000 Mbps) fiber optic transport service for the rconnection of customer-owned Local Area Networks (LANs) and other high-speed data devices.	(M)
В.	NM 802 NM	LI service provides a means of basic LAN extension for customer-owned Ethernet (IEEE Standard 802.3, 802.3u and .3z) LANs. A customer with multiple LANs in an area served by NMLI service may interconnect these LANs through LI service.	(M)
C.	The cust Det	signals at the NMLI Port meet IEEE 802.3, 802.3u or IEEE 802.5 standards. Technical requirements for interfaces with omer premises equipment (CPE) are contained in ANSI/IEEE 802.3-1992, "Carrier Sense Multiple Access with Collision ection (CSMA/CD) Access Method and Physical Layer Specifications". These technical documents may be ordered from:	(M)
		American National Standards Institute 11 West 42nd Street New York, New York 10036	(M)
D.	NM	LI service is suitable for data transmission only.	(M)
Е.	NM	LI service, as provided under the provisions of this section, is offered for intraLATA use only.	(T)(M)
F.	The this	regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of and other <i>Guidebooks</i> of the Company.	(T)(M)
G.	The Whe	rates and charges set forth for NMLI service provide for the furnishing of service where suitable facilities are available. are special construction of facilities is necessary, special construction charges may apply as set forth in Section A5.	(T)(M)
Н.	NM NM	LI service is only available in certain metropolitan areas. In locations where NMLI service is not available under tariff, LI service may be obtained via special service arrangement.	(M)
A140	.3.2	Regulations	(M)
А.	Exp	lanation of Terms	(M)
	1.	Customer End Bridge Management	(M)
		Customer End Bridge Management provides NMLI customers the ability to manage their Ethernet LANs by allowing them access to their end bridge devices in order to monitor and receive status reports of their network. Customer End Bridge Management is based on the Simple Network Management Protocol (SNMP), an Internet network management protocol, which is a widely-accepted, message-based protocol for the exchange of management information between a management station and managed devices.	(M)
	2.	Ethernet LAN	(M)
		A type of Local Area Network (LAN). Ethernet is based on technology where a workstation on the LAN sends a message to another workstation on the LAN and "listens" to determine if any other station is sending. If another station begins sending at the same time, all stations back off and wait a pre-set delay before attempting to send again. Ethernet service utilizes IEEE Standard 802.3	(M)

Material appearing on this page previously appeared on page(s) 1 of this section.

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES A140.5 Broadband Line Service

A140.5.1 General

Except as specified in A140.5.2 and A140.5.3 following, terms and conditions located in A40.5 are applicable.

A140.5.2 Regulations

(Obsoleted 11/4/2002, Type 4) Not available for new installations, moves or changes. Upon expiration of an existing contract, a 128 Kbps (2B1Q) Broadband Line Service can only be retained on a month-to-month payment plan basis.

An existing customer with a 128 Kbps (2B1Q) Broadband Line from A140.5 may request to convert to a 1.536 Mbps Broadband Line from A40.5 for use with their 128 Kbps Fractional T1 Frame Relay Service Customer Connection; the nonrecurring charges specified in A40.5 shall not apply for such conversions. Customers requesting to concurrently convert their 128 Kbps Fractional T1 Customer Connection to a 128 Kbps Subrate T1 Customer Connection shall not incur the Fractional T1 to Subrate T1 Charge from AI40.1.3.A.3.

A140.5.3 Rates and Charges

A. Rates and Charges for the Fast Packet Option

1. Broadband Line-FPO

			Month	Α	В	
		Nonrecurring	То	12 to 36	37 to 60	
		Charge	Month	Months	Months	USOC
(a)	128 Kbps (2B1Q)	\$ 450.00	\$ 105.00	\$ 92.00	\$ 77.00	FP112

A140.6 Reserved For Future Use

A140.7 Reserved For Future Use

Material previously appearing on this page now appears on page(s) 6.1 and 6.26 of this section.

(M)

(T)

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A140.8 Asynchronous Transfer Mode (ATM) Service (M)(T)(O) (Obsoleted 9/19/2011, Type B - Not available for new installations, additions or on transfers of service to new location.) (N)A140.8.1 General (T)(O) A. Asynchronous Transfer Mode (ATM) Service (herein referred to as ATM Service) is a data transport service based on ATM (O) cell-based switching technology. ATM Service provides flexible connectivity using virtual connections implemented over digital facilities operating at (O)transmission speeds of 1.536 Mbps, 44.210 Mbps, 149.760 Mbps or 599.040 Mbps. This service provides for the switching of symmetrical duplex transmissions of fixed-length ATM cells, utilizing virtual circuits. To transfer information between at least two sites a virtual circuit must be set up across the ATM network. ATM service supports the establishment of both permanent virtual circuits (PVCs) and switched virtual circuits (SVCs). Information transmitted by ATM Service is segmented into fixed length cells, transported to and re-assembled at the specified (O)destination. An ATM cell has a fixed length of 53 bytes. An ATM cell is broken into two main sections, the header and the payload. The payload is the portion, which carries the actual information. The header is used for network functions such as addressing and error correction. C. Network interface specifications for ATM Service are contained in the following documents: (O)- ATM Forum document, "ATM User-Network Interface Specification" (Versions 3.0 and 3.1 and UNI Version 4.0). This (\mathbf{O}) document may be obtained from: ATM Forum 2570 West El Camino Real Suite 304 Mountain View, CA 94040 - BellSouth Technical Reference 73585, "Asynchronous Transfer Mode (ATM) Network Interface and Performance (O)Specifications". This document may be obtained from: BellSouth Telecommunications, Inc. **Regional Documentation Coordinator** 20th floor 600 North 19th Street Birmingham, AL 35203 D. ATM Service, as provided for in this section, is offered for intraLATA use only. (T)(O) The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of E. (T)(O) this and other Guidebooks and Tariffs of the Company. The rates and charges set forth for ATM Service provide for the furnishing of service where suitable facilities are available. F. (O) ATM Service is only available when provided in conjunction with Broadband Line Service. Specifications for Broadband Line G. (T)(O) Service are contained in A40.5.

H. ATM Service PVCs may be interconnected with Frame Relay Service subject to the provisions set forth in AI40.1. (T)(O)

Material appearing on this page previously appeared on page(s) 6 of this section.

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

(T)(O)

(T)(O)

(O)

(O)

(O)

(O)

(O)

(O)

(T)(O)

A140.8 Asynchronous Transfer Mode (ATM) Service (Cont'd) A140.8.2 Regulations A. Explanation of Terms 1. Customer Connection to ATM Service The Customer Connection provides the customer with the standard interface to the ATM Service network. This interface receives the data cells from the customer's network or device and verifies that the addressing and traffic parameters are valid before relaying the cell to the specified destination. Included in the Customer Connection rate element are the customer's termination on the ATM Service switching equipment and the transport from the Serving Area Point to the switching equipment (unless specified otherwise herein). These interfaces connect the ATM Service network with digital facilities operating at transmission speeds of 1.536 Mbps, 44.210 Mbps, 149.760 Mbps or 599.040 Mbps. Unless specifically stated otherwise herein, a customer may have both PVCs and SVCs on the same Customer Connection. Unique ATM Customer Connections operating at transmission speeds of 44.210 Mbps and 149.760 Mbps are available to provide Back-Up Capability as described in A40.8.2.A.22. A Circuit Emulation Customer Connection is available for customer requirements to interwork existing DS1 level services utilizing time division multiplexing (TDM) across public ATM networks. Customers with ATM Service requirements between 1.536 Mbps and 44.210 Mbps at a single premises may utilize either ATM Customer Connections using Inverse Multiplexing for ATM (IMA) or ATM Subrate T3 Customer Connections to economically serve that location. IMA Customer Connections provide the customer ATM Customer Connections at speeds of 3.072 Mbps, 4.608 Mbps, 6.144 Mbps, 7.680 Mbps, 9.216 Mbps, 10.752 Mbps, and 12.288 Mbps. ATM Subrate T3 Service provides ATM Customer Connections at speeds of 18 Mbps, 24 Mbps, 30 Mbps, and 36 Mbps.

2. ATM Service Network Serving Area

> Certain Company Central Offices are designated by the Company as Serving Area Points for the ATM Service Network (O)Serving Area.

> A customer accessing the ATM Service network, whose Serving Wire Center is designated a Serving Area Point, (T)(O) requires a Broadband Line-Fast Packet Option (FPO) as described in A40.5. An ATM Service customer, whose Serving Wire Center is not designated a Serving Area Point, will use a Broadband Line-FPO to the Serving Wire Center, as well as, the Broadband Line Extension-FPO (also described in A40.5) to gain access to the closest designated Serving Area Point.

Permanent Virtual Circuit (PVC) 3.

> A PVC is a software defined data path transporting data within the ATM Service network between two ATM Customer (O) Connections. This data path, once defined in the network software, does not have to be established again. PVCs are end-to-end, bi-directional channels that are established via the service provisioning process.

4. **PVC Service Categories**

> PVC service categories are established to support the service requirements of various categories of customer applications (O)for ATM PVCs. Four PVC service categories are available. The customer must specify the desired service category for each PVC that is ordered. ATM Service supports the following types of PVC service categories:

- a. Constant Bit Rate (CBR): CBR allows for applications where a PVC requires special network timing requirements (O)(i.e., strict cell loss, cell delay and cell delay variation performance). For example, a CBR PVC would be utilized for applications requiring circuit emulation (i.e., a continuously operating logical channel) over ATM Service at transmission speeds comparable to DS1 and DS3. Such applications would include private line like service or voice type service where delays in transmission cannot be tolerated. The customer specifies the bandwidth required for each CBR PVC when it is ordered.
- b. Variable Bit Rate Real Time (VBR-RT): VBR-RT allows for applications where a PVC requires low cell delay (O)variation. For example, VBR-RT would be utilized for applications such as variable bit rate video compression and packet voice and video, which are somewhat tolerant of delay. The customer specifies the bandwidth required for each VBR-RT PVC when it is ordered.
- Variable Bit Rate Non-Real Time (VBR-NRT): VBR-NRT allows for a PVC that can tolerate larger cell delay (O)C. variations than VBR-RT. For example, VBR-NRT would be utilized for applications such as data file transfers. The customer specifies the bandwidth required for each VBR-NRT PVC when it is ordered.
- Unspecified Bit Rate (UBR): UBR allows for a PVC where the user does not require one of the PVC service d. (O)categories described in a. through c. preceding. For example, UBR would be utilized where the customer seeks a low cost method of transporting bursty data for non-critical applications that can tolerate delay variations. The Company will attempt to deliver all ATM cells received via UBR PVCs; however, network congestion may result in loss of ATM cells.

(T)(O)

(O)

(O)

(O)

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A140.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

A140.8.2 Regulations (Cont'd)

- A. Explanation of Terms (Cont'd)
 - 5. PVC Traffic Parameters

In accordance with the specifications for ATM Service set forth in the technical publications referenced in AI40.8.1.C (T)(O) preceding, each non-UBR type PVC has a set of traffic parameters to describe the characteristics of the information being transmitted. Fixed values for these traffic parameters are derived from the PVC bandwidth specified by the customer for each PVC. These parameters are:

a. Peak Cell Rate (PCR) - The PCR, in cells per second, is an upper bound on the source traffic that can be submitted (0) on an ATM Customer Connection. PCR is a traffic parameter considered for CBR and VBR service categories.

PCR is the only traffic parameter considered for a CBR PVC; the equivalent bandwidth per CBR PVC equals the (0) PCR, in cells per second, times 0.000424.

PCR is one of three traffic parameters considered for a VBR PVC. For a VBR-RT PVC, PCR is 200 percent of the SCR described following. For a VBR-NRT PVC, unless specified otherwise by the customer, PCR is 400 percent of the SCR described following.

b. Sustainable Cell Rate (SCR) - The SCR, in cells per second, is an upper bound on the conforming average cell rate (0) of an ATM Customer Connection over time.

SCR is a traffic parameter considered only for a VBR PVC. The equivalent bandwidth per VBR-RT PVC is equal to the SCR, in cells per second, times 0.000512. The bandwidth per VBR-NRT PVC is equal to the SCR, in cells/second, times 0.000804.

c. Maximum Burst Size (MBS) - MBS is the maximum number of consecutive cells that may be transmitted at the peak (0) cell rate.

MBS is a traffic parameter considered only for a VBR PVC. For a VBR-RT PVC, the MBS is fixed at 32 cells. For (0) a VBR-NRT PVC, the MBS is fixed at 100 cells.

6. PVC Segment

For ATM Service, the PVC segment defines the logical path between a customer's premises and the ATM Customer Connection on the ATM switch. An ATM PVC segment must be provisioned by the Company via service order activity and remain in place until requested to be removed by the customer. For ATM Service, two PVC segments are mapped together through the ATM switch to create a PVC representing a virtual channel through the ATM network. To allow one customer premises to communicate with another customer premises, two ATM Customer Connections and two PVC segments are required.

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.8 Asynchronous Transfer Mode (ATM) Service (Cont'd) (T)(O) A140.8.2 Regulations (Cont'd) (T)(O) A. Explanation of Terms (Cont'd) (O)7. PVC Segment Bandwidth (O) A PVC Segment Bandwidth Charge is applicable for each CBR or VBR segment. Such non-UBR PVC equivalent (O)bandwidth represents the ATM Service network resources based on the PVC's traffic parameters. The PVC Segment Bandwidth Charge is derived by multiplying the PVC segment's equivalent bandwidth (calculation following) by the appropriate PVC Segment Bandwidth Charge (expressed in megabits or increments of 64 Kbps as described following). The following calculations are applicable for determining non-UBR PVC segment bandwidth based upon the PVC (O)service category. (a) CBR equivalent bandwidth is equal to the PCR (cells per second) times 0.000424. PCR is equal to increments of 64 (O)Kbps of equivalent bandwidth times 150.943, or megabits of equivalent bandwidth times 2358.491. VBR-RT equivalent bandwidth is equal to the SCR (cells per second) times 0.000512. For VBR-RT service, the (O)PCR is fixed at 200 percent of the SCR and the MBS is fixed at 32 cells. SCR is equal to increments of 64 Kbps of equivalent bandwidth times 125.000, or megabits of equivalent bandwidth times 1953.125. (c) VBR-NRT equivalent bandwidth is equal to the SCR (cells per second) times 0.000804. For VBR-NRT service, the (O) PCR is fixed at 400 percent of the SCR (unless specified otherwise by the customer)¹ and the MBS is fixed at 100 cells. SCR is equal to increments of 64 Kbps of equivalent bandwidth times 79.602, or megabits of equivalent bandwidth times 1243.781. Where the result from the PVC segment equivalent bandwidth calculation is greater than 1.536 Mbps, the value is (O) expressed in units of megabits and (if a fraction of a megabit) is rounded up to the next whole megabit. This bandwidth is multiplied by the Per Megabit Bandwidth Charge.

Note 1: VBR-NRT equivalent bandwidth, where the PCR to SCR ratio is specified by the customer, is determined using the formula in Section 1.3.4 of BellSouth Technical Reference 73585.

TELECOMMUNICATIONS

FLORIDA ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

BELLSOUTH

(T)(O)

(T)(O)

(O)

(O)

(O)

(O) (O) (O)

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

A140.8.2 Regulations (Cont'd)

A. Explanation of Terms (Cont'd)

7. PVC Segment Bandwidth (Cont'd)

> Where the result from the PVC segment equivalent bandwidth calculation is less than or equal to 1.536 Mbps, that number should be divided by .064 Mbps to arrive at a quantity of 64 Kbps increments. If the resulting number is not a whole number, it is rounded up to the next whole number and represents the number of 64 Kbps increments that should be utilized in the derivation of the PVC Segment Bandwidth Charge. This bandwidth is multiplied by the Per Increment of 64 Kbps Bandwidth Charge.

The following table illustrates the PVC segment equivalent bandwidth calculation for each non-UBR type PVC with one (1) megabit of bandwidth.

			Traffic Paramete	er
ATM PVC		Peak	Sustainable	Maximum
Service	Equivalent	Cell	Cell	Burst
Category	Bandwidth	Rate ¹	Rate ¹	Size ²
CBR	1 Megabit	2,358	N/A	N/A
VBR-RT	1 Megabit	3,906	1,953	32
VBR-NRT	1 Megabit	4,975	1,244	100

8.	Switched Virtual Circuit (SVC)	(0)
	An SVC is a software defined data path within the ATM Service Network between two ATM Customer Connections that is not permanent, but established on demand by the customer when information transfer is needed and then taken down after the transmission is finished by the customer.	(0)
9.	SVC Service Categories	(O)
	SVC service categories are established to support the service requirements of various categories of customer applications for ATM SVCs. The same four service categories are available for SVCs as PVCs (i.e. CBR, VBR-RT, VBR-NRT and UBR). These service categories are described in AI40.8.2.A.4 preceding.	(T)(O)
10.	SVC Traffic Parameters	(O)
	In accordance with the specifications for ATM Service set forth in the technical publications referenced in A140.8.1.C preceding, each non-UBR SVC has a set of traffic parameters to describe the characteristics of the information being transmitted. The traffic parameters are the same for SVCs as for PVCs; these parameters are described in A140.8.2.A.5 preceding.	(T)(O)
11.	SVC Bandwidth	(0)
	SVC Bandwidth is selected by the customer to accommodate the total cumulative SVC bandwidth requirements for the maximum number of simultaneous SVC calls allowed on that Customer Connection. Per SVC bandwidth requirements are determined using the same parameters specified for PVC bandwidth requirements described in Section AI40.8.2.A.7.	(T)(O)
12.	SVC Address	(0)
	The Company assigns SVC addresses for each Customer Connection requested to transmit and/or receive SVCs. The	(O)

customer provisions these addresses in his customer premises equipment (CPE). The data path for an SVC is then established on demand via the customer's CPE issuing a call setup request to the ATM switch. The setup request contains the addresses of the two ATM Customer Connections to be connected and SVC traffic contract information. This information allows the ATM switch to establish the end-to-end, bi-directional virtual circuit between the specified addresses with the appropriate bandwidth and service quality information necessary to support the customer's application. The SVC is disconnected when the customer's CPE signals a release to the ATM switch.

Note 1:	Cells per second.	(0)
Note 2:	Cells.	(0)

Mbps, and 12.288 Mbps.

ŀ	\140	. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES	
A140.	8 As	synchronous Transfer Mode (ATM) Service (Cont'd)	(T)(O)
A140	.8.2 1	Regulations (Cont'd)	(T)(O)
А.	Exp	lanation of Terms (Cont'd)	(O)
	13.	SVC Traffic Contract Information	(0)
		Traffic contract information provided by the customer's CPE within each SVC setup consists of four major components: the SVC Service Category, the SVC Connection Traffic Descriptor, the SVC Conformance Definition and SVC Compliant Connection Definition.	(0)
		 SVC Service Category: Service categories for SVCs are the same as described for PVC's in AI40.8.2.A.4 (CBR, VBR-RT, VBR-NRT and UBR). 	(O) (T)(O)
		 SVC Connection Traffic Descriptor: This data identifies the rates of cell traffic to be expected with that SVC, i.e., the SVC traffic parameters are sustainable cell rate, peak cell rate and maximum burst size. The determination of SVC traffic parameters is identical to the determination of PVC traffic parameters as described in AI40.8.2.A.5. 	(O) (T)(O)
		 SVC Conformance Definition: This data identifies how the ATM network manages the user traffic to ensure that this SVCs traffic parameters are not exceeded. 	(0) (0)
		 SVC Compliant Connection Definition: This data determines the degree of tolerance that is afforded to a given SVC's non-conformity before it is considered non-compliant. 	(0) (0)
	14.	SVC Bundles	(0)
		ATM SVCs are offered in bundles of 5 SVCs as a rate element. For each bundle of 5 SVCs, a customer may have 5 simultaneous SVC calls. The customer determines the total maximum number of simultaneous SVC calls that will be required over his Customer Connection and selects the number of bundles which will meet this need.	(0)
	15.	SVC Point-to-Point and Point-to-Multipoint Capability	(O)
		SVCs can be either point-to-point or point-to-multipoint connections.	(0)
		- A point-to-point SVC connects two ATM SVC addresses and is bi-directional.	(0)
		 A point-to-multipoint SVC connects a single originating SVC address to multiple destination SVC addresses and is unidirectional (permitting only the originating SVC address to transmit and the destination SVC addresses to receive). The originating SVC address specifies the destination addresses for each specific SVC connection. All cell replication is done within the ATM Service network. The customer's CPE must be capable of initiating point- to-multipoint connections. 	(0)
	16.	SVC Closed User Group (CUG)	(0)
		A SVC Closed User Group (CUG) may be established by an ATM customer in association with Customer Connections capable of transmitting SVCs. A CUG will restrict the requested SVC addresses to communicate with only the other ATM SVC addresses identified within its CUG; this precludes any SVC address to transmit or receive SVCs to/from any other SVC address not identified as a part of the CUG. An individual Customer Connection equipped for SVCs may be a part of more than one CUG.	(0)
	17.	ATM Circuit Emulation Service	(0)
		ATM Circuit Emulation Service allows the interworking of ATM Service with time division multiplexing (TDM) services at a DS1 level. ATM Circuit Emulation allows the encapsulation of DS1 level TDM Service into ATM cells by using AAL1 adaptation. (Adaptation defines how higher layer information such as voice, data and video are placed in the payload of the 53-byte ATM cells.) ATM Circuit Emulation Service is provided to emulate a structured or unstructured DS1 service; when provided to emulate a structured DS1, service may be requested with or without Channel Associated Signaling (CAS).	(0)
	18.	ATM Customer Connection Using Inverse Multiplexing for ATM Service (IMA)	(0)
		A customer requiring more ATM bandwidth than 1.536 Mbps but less than 44.210 Mbps, can economically utilize IMA to achieve ATM speeds in multiples of 1.536 Mbps and thereby avoid subscribing to a 44.210 Mbps Customer Connection. IMA is a physical layer technology in which a high-speed cell stream is broken down and transported across multiple 1.536 Mbps links, then reconstructed back into the original stream at the ATM switch or other associated ATM equipment. IMA Customer Connections are available at speeds in multiples of 1.536 Mbps (in quantities from 2 to 8) which results in ATM Customer Connections of 3.072 Mbps, 4.608 Mbps, 6.144 Mbps, 7.680 Mbps, 9.216 Mbps, 10.752	(O)

All AT&T and BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariff are owned by AT&T Intellectual Property or AT&T affiliated companies.

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

Original Page 6.7

A140.8 Asynchronous Transfer Mode (ATM) Service (Cont'd) (T)(O) A140.8.2 Regulations (Cont'd) (T)(O)A. Explanation of Terms (Cont'd) (O)19. Feature Change Charge (O)A Feature Change Charge is a nonrecurring charge which applies whenever a change is made (at the customer's request) (T)(O)to add or change ATM service as specified in A140.8.2.C.1.e.. 20. Serving Area Point (SAP) (O)A Serving Area Point (SAP) is a Company Central Office that is designated as a member of the ATM Service Network (O)Serving Area. (See the explanation of ATM Service Network Serving Area preceding.) 21. Oversubscription (O)A customer may establish multiple virtual circuits (VCs, which are PVCs and/or SVCs) on an ATM Service Customer (O) Connection.¹ VCs with a VBR service category are eligible to subscribe to more than the available equivalent bandwidth on the Customer Connection after bandwidth for CBR is assigned. This is called oversubscription. This allows the customer to take advantage of the fact that not all of these VCs will be active simultaneously. However, the network's apparent performance will be degraded if the customer attempts to make use of this overbooked commitment (or oversubscription) beyond the capacity of the ATM Service Customer Connection. In the worst case, attempts to fully utilize such overbooked commitment may appear to the customer as network unavailability. The amount of oversubscription (expressed as a percentage) for a Customer Connection will be determined by: (O)Sum of VBR equivalent bandwidths (O) Customer Connection speed – sum of CBR equivalent bandwidths times 100 (O) In order to qualify for Network Service Level Agreements (SLAs) (as specified in B.6.), an ATM service Customer (T)(O) Connection may only oversubscribe PVC VBR bandwidth up to 200% according to the specific formula below, which also seeks to exclude SVC bandwidth from the total available bandwidth. In the event the customer exceeds this oversubscription limit, Network SLA credits will not be issued. The customer then must either upgrade their ATM Service Customer Connection speed or subscribe to an additional Customer Connection(s) to remain less than or equal to the 200% oversubscription limit to qualify for future Network SLA crediting. Sum of PVC VBR equivalent bandwidths (O)Customer Connection speed - SVC bandwidth - sum of CBR equivalent bandwidths times 100 (O)22. Back-Up Capability (O)Back-Up Capability is available on an optional basis (via unique Back-Up Customer Connections with transmission (\mathbf{O}) speeds of either 44.210 Mbps or 149.760 Mbps) and provides the customer with the ability to have a back-up logical port configured to his PVC service needs in the event that the customer's primary connection at 44.210 Mbps or 149.760 Mbps is disabled. A Back-Up Customer Connection utilizes a Broadband Line (with Broadband Line Extension Service, as appropriate). Both the Back-Up Customer Connection and its associated Broadband Line Service are specifically dedicated to providing back-up service and remain idle except when being utilized for back-up purposes. Note 1: The maximum VBR oversubscription allowed on a Subrate T3 Customer Connection (any (O)speed) is 200%.

A	140	. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES	
A140.	8 As	synchronous Transfer Mode (ATM) Service (Cont'd)	(T)(O)
A14().8.2	Regulations (Cont'd)	(T)(O)
А.	Exc	lanation of Terms (Cont'd)	(0)
	22.	Back-Up Capability (Cont'd)	
		The customer must prearrange with the Company which primary Customer Connections(s) may be directed to a specific Back-Up Customer Connection so that the necessary work is done by the Company which is required prior to back-up capability being possible. An ATM Customer Connection so identified which may be redirected in the event of a failure is referred to as a back-up enabled primary Customer Connection, or referred to herein as simply the primary Customer Connection. An ATM primary Customer Connection may only utilize an ATM Back-Up Customer Connection. A primary Customer Connection must be in the same ATM Network Serving Area as its Back-Up Customer Connection. A primary Customer Connection may have only one Back-Up Customer Connection; however, a Back-Up Customer Connection may serve as the back-up for more than one primary Customer Connection; however, a Back-Up Customer Connection may only be actively in use with one primary Customer Connection at any given time. The Back-Up Customer Connection must be the same size as the customer's largest primary Customer Connection.	(0)
		The Back-Up Customer Connection is manually activated by the Company when the customer requests service from a primary Customer Connection to be redirected to its pre-identified Back-Up Customer Connection. All PVCs associated with the primary Customer Connection are rerouted to the Back-Up Customer Connection ¹ . As a technical limitation, Back-Up Capability does not function in association with SVCs; if a primary Customer Connection with both PVCs and SVCs is redirected to its Back-Up Customer Connection, only the PVCs will be redirected and operational.	(0)
		A Back-Up Customer Connection is not eligible for Network Service Level Agreements (SLAs) specified in B.6	(T)(O)
В.	Bas	is of Offering	(0)
	1.	Detailed monthly billing is not provided.	(0)
	2.	Suspension of service is not allowed.	(0)
	3.	Obligations of Customer and Company	(0)
		a. The Company is not responsible for the installation, operation, or maintenance of any equipment provided by the customer.	(0)
		b. The customer is responsible for the provision and maintenance of all Customer Provided Equipment (CPE) and to ensure that the operating characteristics of this equipment are compatible with and do not interfere with the service offered by the Company.	(0)
		c. The maximum number of virtual channels (PVC segments plus simultaneous SVCs) allowed per Customer Connection are specified in BellSouth Technical Reference 73585.	(0)
	4.	In order to maintain the quality of ATM Service, the Company reserves the right to perform preventive maintenance of software updates to the network. This could result in ATM Service being unavailable during the time period between 2:00 A.M. and 4:00 A.M. Eastern Time on any given Wednesday or Sunday morning. However, the Company expects only to utilize this maintenance window for any given switch on the average of once a quarter. In addition, the Company will make every reasonable effort to provide advance notice to those customers likely to be severely affected by such maintenance work. This maintenance window may be adjusted by the Company upon written notice to the customer.	(0)
	5.	The minimum service period is 12 months.	(0)
		Note 1: To appropriately provision new PVCs ordered subsequent to a primary Customer Connection being enabled for Back-Up Capability, subsequent orders for PVCs should specify that the PVCs are being requested in association with a primary Customer Connection.	(0)

Original Page 6.9

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.8 Asynchronous Transfer Mode (ATM) Service (Cont'd) A140.8.2 Regulations (Cont'd) **B.** Basis of Offering (Cont'd) 6. Service Level Agreement ATM Service includes Service Level Agreements (SLAs) which specify the Company's provisioning, repair and performance commitments for ATM Service in specific areas. Provisioning and repair commitments are measured on a per occurrence basis. Network service level commitments are monthly performance measurements. The following service measurements will outline the service levels that the Company will deliver to its ATM customers. Provisioning and Repair:

- ATM Installation Interval (O) ATM Time-To-Repair (O) Network Service Levels: (O) ATM Network Availability (O)ATM Cell Loss Ratio (O)
 - ATM Cell Delivery Rate

Service Level Commitments will define ATM Service measurements that the Company agrees to provide every customer. If the Company fails to meet a Service Level Commitment, the customer is eligible for a SLA credit. Credits for missed Network Service Level Commitments will only be available to customers subscribing to the Gold Package in Customer Network Management from AI40.12. Billing credits which may apply if the Company does not meet the objectives associated with these stated SLAs (specifically covering rates for ATM Service and associated Broadband Line Service from Section A40.) are provided as set forth in c. following. Credits only apply for portions of service supplied by the Company.

BELLSOUTH **TELECOMMUNICATIONS FLORIDA** ISSUED: September 16, 2011 BY: Marshall M. Criser III, President -FL Miami, Florida

(T)(O)

(T)(O)

(O)(O) (O)

(O)

(O)

(T)(O)

Miami, Florida A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.8 Asynchronous Transfer Mode (ATM) Service (Cont'd) (T)(O) A140.8.2 Regulations (Cont'd) (T)(O) B. Basis of Offering (Cont'd) (O)6. Service Level Agreement (Cont'd) (O)a. SLA Service Level Commitments (O)The Company's Service Level Commitments for ATM Service are as follows: (O)ATM Installation Interval - Standard Interval (O) ATM Time-To-Repair on customer sites within the ATM Network Serving Area - 4 hours (O) ATM Network Availability on a customer's network within the ATM Network Serving Area - 99.9% (O)ATM Cell Loss Ratio - 1% (O) ATM Cell Delivery Rate with CBR Class of Service - 99.99% (\mathbf{O}) ATM Cell Delivery Rate with VBR real-time Class of Service - 99.9% (O)ATM Cell Delivery Rate with VBR non real-time Class of Service - 99.5% (O)**SLA Restrictions** (O)b. The Company will implement SLA provisioning restrictions that will define customer network design requirements (T)(O)and limitations to the Company's commitment to meet Service Levels for ATM Service. Customer network design requirements are intended to limit or negate the Company's obligation to provide SLA credits when the customer has under-engineered their BellSouth ATM network. The customer network design requirements are as follows: - The customer's network must have a minimum of 10 Customer Connections for the Company to provide SLA (O) credits. The total VBR equivalent bandwidth on all PVCs (after the CBR bandwidth is subtracted) carried by any of the (\mathbf{O}) customer's ATM Customer Connections may not be greater than 200% of the Customer Connection speed (oversubscription). A customer must be subscribing to the Gold Package in Customer Network Management (CNM) from AI40.12 to (T)(O)receive credits for missed Network Service Level Commitments. Customer Connections at both ends of a PVC must have the CNM Gold Package or equivalent. In the event only one end of a PVC is ordered from this Guidebook, credits will only be issued for the rate elements ordered from this Guidebook. SLA credits do not apply when any stated objective is not met because the Company does not have control over the (O)circumstances causing the objective to be missed. Situations over which the Company does not have control can be defined as, but not limited to, the following: any act, any omission or negligence on the part of the customer, any other customer or any third party, or of any (\mathbf{O}) other entity providing a portion of the service, labor difficulties, governmental orders, civil commotions, declared National Emergencies, criminal actions (O)against the Company, acts of God, war, or other circumstances beyond the Company's control, the customer's premises equipment, (O) unavailability of the customer's facilities and/or equipment, and (\mathbf{O}) customer oversubscription of ATM Service Customer Connections. (O) SLA commitments only apply for service wholly within Company territory. SLA commitments will not apply for (O)circuits which are part of a jointly provided service. SLA commitments do not apply for service provided by other telephone companies concurring in the rates and regulations of the Company.

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.8 Asynchronous Transfer Mode (ATM) Service (Cont'd) (T)(O) A140.8.2 Regulations (Cont'd) (T)(O) B. Basis of Offering (Cont'd) (O)6. Service Level Agreement (Cont'd) (O) b. SLA Restrictions (Cont'd) (O)The customer must request a credit within one calendar month of the Company missing an ATM Service Level (T)(O) Commitment. The Company will investigate customer requests for any SLA credits to determine the cause of any performance failures reported by the customer. The Company will investigate the customer's request over a period of up to 45 calendar days. The 45-day period will begin when the customer makes the request for credit with their Sales Representative. SLA credits will be provided to the customer if the Company determines that they had control over the circumstances causing the failure. If the Company determines that these failures are the result of oversubscription of ATM Service Customer Connections, the Company will provide the customer with the reports documenting the oversubscription and Network SLA credits will not be issued. The customer will be required to upgrade their ATM Service Customer Connections or no future SLA credits will be allowed on that ATM Service Customer Connection(s). When a customer requests a SLA credit for ATM Network Availability, all requests for a calendar month must be (O)submitted at the same time. For example, the customer receives a SLA report on May 1st providing a report on April performance. Any requests for Network Availability SLA credits on Customer Connections for the month of April must all be submitted together. SLA Credits for ATM Service Level Commitments (O) c. The following credits will apply when the Company misses a Service Level Commitment (each credit is described in (O)(1) thru (5) following): - ATM Installation Interval - Credit non-recurring installation charge paid by the customer (O) - ATM Time-To-Repair - Credit one day of Monthly Recurring Charge (MRC) (O)- ATM Network Availability - Credit one day of MRC (O) - ATM Cell Loss Ratio - Credit MRC (O)- ATM Cell Delivery Rate - Credit MRC (O)The SLA credit amount will be determined by applying the credits outlined above to the rate elements or total billed (O)revenues specified following. (1) ATM Installation Interval Credit - this credit will only apply to the installation or upgrade of an ATM Customer (O)Connection. The credit will be equal to the nonrecurring installation charge for the Customer Connection, Broadband Line and Broadband Line Extension. The credit will not apply to expedited installations or to installations where no facility and/or switch exist. If on the due date the customer is not ready or in a case where another of the customer's service providers (including the customer's provider of customer premises equipment, interexchange service, or other local service provider) is not ready, the Company is not liable for missing the due date and SLA credits do not apply. (2) ATM Time-To-Repair Credit - this credit will require that the customer report the problem to the BellSouth (O)Repair Center. The repair interval will start with the time entered on the trouble ticket. The Service Level

(2) ATM Time-To-Repair Credit - this credit will require that the customer report the problem to the BellSouth Repair Center. The repair interval will start with the time entered on the trouble ticket. The Service Level Commitment measurement will be based on each individual trouble ticket for a Customer Connection. Multiple trouble tickets on the same day for the same Customer Connection will only be eligible for one timeto-repair credit. The credit will be one day of the MRC for the Customer Connection and Broadband Line. Credits on any individual Customer Connection for a calendar month cannot exceed the MRC for the Customer Connection and Broadband Line.

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

A140.8.2 Regulations (Cont'd) **B.** Basis of Offering (Cont'd)

Service Level Agreement (Cont'd)

c. SLA Credits for ATM Service Level Commitments (Cont'd)

6.

(T)(O) (T)(O)

- (O)
- (O)

- (O)(O)
- (3) ATM Network Availability this credit will apply in the event that the measurement for the customer's network is missed. The credit will then be for each ATM Customer Connection which does not meet the 99.9% availability commitment. The credit will be one day of the MRC of the ATM Customer Connection and the Broadband Line. The unavailability of a Customer Connection will be calculated from the trouble tickets submitted for the Customer Connection. The unavailability of a customer's network will be calculated from the trouble tickets submitted for each Customer Connection within the customer's network. The Service Level Commitment will be calculated by first subtracting the unavailable time from the total available time for a particular calendar month and then dividing it by the total available time. Included in available time are scheduled maintenance windows and time the network was unavailable due to circumstances outside the Company's control.
- (4) ATM Cell Loss Ratio measurement will be on each ATM PVC. The credit will be equal to the MRC for the (O)PVC Segment Charge of the VPI/VCI pair making up the PVC.
- ATM Cell Delivery Rate measurement will be on each ATM PVC. The credit will be equal to the MRC for (5) (O)the PVC Segment Charge of the VPI/VCI pair making up the PVC.

4 <i>1</i> 40	8 As	svn	chro	onous Transfer Mode (ATM) Service (Cont'd)	(T)(O)				
A 140	1821	Dom	ulatio	ns (Cont'd)	(T)(O)				
	Droi	Negi	nauo.		(1)(0)				
C.	1	Dot	tos and	l charges contained in this Section consist of the following elements:	(U) (T)(Q)				
	1.	Nat 2	Cust	omer Connection to ATM Service	(1)(0)				
		а.	(1)	The ATM Customer Connection rate element includes the termination on the ATM switching equipment and	(0)				
			(1)	the transport from ATM Serving Area Points to that switch (unless specified otherwise herein). A minimum of one Customer Connection is required per customer to subscribe to ATM Service.	(0)				
				Rates for the following ATM Customer Connections at speeds of 1.536 Mbps, IMA, Subrate T3 and 44.210 Mbps are flat rated based upon the average airline distance of ATM Serving Area Points from the ATM switch within a Network Serving Area: 1.536 Mbps (including Circuit Emulation ¹), 3.072 Mbps, 4.608 Mbps, 6.144 Mbps, 7.680 Mbps, 9.216 Mbps, 10.752 Mbps, 12.288 Mbps, 18 Mbps, 24 Mbps, 30 Mbps, 36 Mbps, and 44.210 Mbps.	(O)				
				Rates for an ATM Customer Connection at speeds of 149.760 Mbps and 599.040 Mbps may include two components. A fixed charge applies per 149.760 Mbps or 599.040 Mbps ATM Customer Connection. In addition, a Per Mile Charge applies if the ATM switch is not located in the customer's Serving Wire Center. Airline distance will be calculated from the customer's Serving Area Point to the Company Central Office where the ATM switch is located within that Network Serving Area. Fractions of miles will be rounded up to the nearest whole mile.	(0)				
			(2)	The unique Back-Up Customer Connection rate elements provided at 44.210 Mbps and 149.760 Mbps are structured the same as standard ATM Customer Connections for those same transmission speeds as described in (1) preceding.	(0)				
		b.	PVC	Feature Charges	(O)				
			PVC	Feature Charges are required to establish PVC connections across the ATM network.	(0)				
			(1)	PVC Segment Charge - A PVC Segment Charge applies for each PVC segment established over a Customer Connection. A PVC Segment Charge is applicable under all ATM PVC service categories.	(0)				
							(2)	PVC Segment Bandwidth Charge - A PVC Segment Bandwidth Charge is required per PVC segment established under the CBR or VBR PVC service category (but is not applicable to UBR PVCs). PVC bandwidth represents ATM Service network resources required for the non-UBR PVC and is based on the non-UBR PVC's traffic parameters (i.e., PCR, SCR, and MBS). The total charge for this rate element per segment is determined by multiplying the non-UBR PVC segment bandwidth by the PVC Segment Bandwidth Charge, either Per Megabit or Per Increment of 64 Kbps (as appropriate per A 140.8.2.A. .7.).	(T)(O)
			(3)	UBR Service Activation Charge - A UBR Service Activation Charge is applicable for each Customer Connection over which UBR PVCs will traverse. One charge is applicable per Customer Connection regardless of how many UBR PVCs will traverse that Customer Connection.	(0)				
		c.	Inter	-Network Serving Area Link PVC Feature Charges (Refer to A140.8.2.C.4.b)	(T)(O)				
				Note 1: The Unstructured Circuit Emulation – PRI over ATM Customer Connection is flat rated; however, specific charges apply as set forth in AI40.8.2.C.7.a.(1) for mileage between the ATM switch providing circuit emulation capability and the BellSouthPrimary Rate ISDN	(T)(O)				

switch.

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

-									
A140.	8 A	syn	chr	onous Transfer Mode (ATM) Service (Cont'd)	(T)(O)				
A14(.8.2	Reg	ulatio	ons (Cont'd)	(T) (O)				
C.	Pro	Provision of Service (Cont'd)							
	1.	Ra	tes an	d charges contained in this Section consist of the following elements: (Cont'd)	(T)(O)				
	d. SVC Feature Charges				(0)				
			SV0 netv	C Feature Charges are required to enable Customer Connections to establish SVC connections across the ATM vork.	(0)				
			(1)	SVC Service Activation Charge - The SVC Service Activation Charge applies per Customer Connection, which is requested to be enabled to transmit and/or receive SVCs.	(0)				
			(2)	SVC Bundles - For each Customer Connection activated for SVCs, the customer must determine the maximum number of simultaneous SVC calls that Customer Connection should be sized to accommodate. The rate element for an SVC Bundle provides the capability for up to 5 simultaneous SVC calls. The customer determines how many bundles, or increments of 5 simultaneous SVC calls, are required for each Customer Connection. Where less than 5 simultaneous SVC calls are required, the customer is required to purchase a minimum of one bundle.	(0)				

(3) SVC Bandwidth - For each Customer Connection activated for SVCs, the customer must determine the bandwidth required to accommodate the total volume of simultaneous SVC calls, or total number of SVC bundles, selected for each Customer Connection. Bandwidth represents the ATM Service network resources that will be utilized for that Customer Connection based upon its total SVCs' traffic parameters.

Where the bandwidth required per Customer Connection activated for SVCs is greater than 1.536 Mbps, the SVC bandwidth value is expressed in units of megabits and (if a fraction of a megabit) is rounded up to the next whole megabit. This bandwidth is multiplied by the SVC Per Megabit Bandwidth Charge.

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.8 Asynchronous Transfer Mode (ATM) Service (Cont'd) (T)(O) A140.8.2 Regulations (Cont'd) (T)(O)C. Provision of Service (Cont'd) (O)1. Rates and charges contained in this Section consist of the following elements: (Cont'd) (T)(O) d. SVC Feature Charges (Cont'd) (\mathbf{O}) (3) (Cont'd) (O)Where the bandwidth required per Customer Connection activated for SVCs is less than or equal to 1.536 (O)Mbps, that number should be divided by .064 Mbps to arrive at a quantity of 64 Kbps increments. If the resulting number is not a whole number, it is rounded up to the next whole number and represents the number of 64 Kbps increments that should be utilized in the derivation of the SVC Bandwidth Charge. This bandwidth is multiplied by the SVC Per Increment of 64 Kbps Bandwidth Charge. (4) SVC Closed User Group (CUG) (O)Nonrecurring charges apply for each customer requested CUG. (O)A Per Group nonrecurring charge applies per CUG at the time of initial establishment of that CUG. A Feature Change Charge is applicable for each subsequent request to change the parameters of an existing CUG; the Per Group nonrecurring charge is not applicable for such requests. A Per Entry nonrecurring charge applies per SVC Address (on an ATM SVC Customer Connection enabled for (O)SVC capability) which is requested by the customer to be included in a CUG. The Per Entry nonrecurring charge applies for each SVC Address requested to be included in a CUG at the time the CUG is established. The Per Entry nonrecurring charge also applies for each SVC Address requested to be included in an already established CUG.1 Customer requests to change an SVC Address from being included in one CUG to another CUG shall be (O)treated as a disconnect from the CUG the SVC Address is deleted from (at no charge) and as a new entry to the other CUG (where a Per Entry nonrecurring charge shall be applicable.¹) Feature Change Charge e. (O) A Feature Change Charge applies for a customer request to change an existing ATM Service PVC feature from (T)(O) AI40.8.3.B. and C. for which there is no nonrecurring charge. One Feature Charge Charge applies per service order to perform the work requested by the customer. (Examples: A Feature Change Charge applies when a customer requests a change in the PVC segment bandwidth required on an existing non-UBR PVC. A Feature Change Charge applies when a customer requests that UBR Service Activation be added to an existing ATM Customer Connection which currently is not activated to carry UBR PVCs if the request does not also include an order for a UBR PVC Segment which carries a nonrecurring charge. A customer request to change the service category of an existing CBR PVC to a VBR-RT PVC would not involve a Feature Change Charge but would be treated as a disconnect of the CBR PVC and a new request for a VBR-RT PVC for which there is a nonrecurring charge.) Only one Feature Change Charge applies per customer request that involves changes to multiple existing PVCs of (O)the same PVC service category that are provisioned out of the same ATM switch. (For example, one Feature Change Charge would apply per customer request to change the PVC segment bandwidth associated with two existing CBR PVCs provisioned out of the same ATM switch.) A Feature Change Charge applies for a customer request to increase or decrease the quantity of SVC Bundles² (O)and/or SVC Bandwidth associated with an existing ATM Customer Connection equipped for SVCs. One Feature Change Charge applies per service order required to perform the work requested by the customer. A Feature Change Charge applies for a customer request to change the parameters on an existing SVC CUG. (O)Certain Company Central Offices are designated by the Company as Serving Area Points (SAPs) for the ATM Service 2. (T)(O) Network Serving Area. A customer accessing the ATM Service network, whose Serving Wire Center is designated a SAP, will only require a Broadband Line-FPO as described in A40.5. An ATM Service customer, whose Serving Wire Center is not designated a SAP, will require a Broadband Line-FPO to the Serving Wire Center as well as a Broadband Line Extension-FPO (also described in A40.5) to gain access to the closest designated SAP. Note 1: The application of a Feature Change Charge is not required for such requests. (O)The nonrecurring charge per SVC Bundle applies for each additional SVC Bundle requested. Note 2: (O)

А	140	. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES	
A 140.	8 A s	synchronous Transfer Mode (ATM) Service (Cont'd)	(T)(O)
A 140	.8.2	Regulations (Cont'd)	(T)(O)
С.	Pro	vision of Service (Cont'd)	(0)
	3.	Charges for installing ATM Service are included in the respective nonrecurring charges specified herein. Service Charges from Section A4. are not applicable for installing such services. Charges applicable for customer requested change of service installation due date and cancellation of service installation are as specified in Section AI40.9.	(T)(O)
	4.	Should a customer, having locations in more than one Company ATM Network Serving Area within a LATA, desire to send PVC data traffic between these locations, the customer can interconnect these locations through the following two options:	(0)
		a. Dedicated Connection:	(0)
		The customer subscribes to additional Customer Connections (in each Network Serving Area) which are enabled to support inter-serving area connectivity and Broadband Line Extension-FPOs ¹ to connect them. These additional rate elements will be used solely to transport this customer's data traffic between affected ATM Network Serving Areas. PVC and SVC Feature Charges apply for VCs through each connection except when these connections have been specifically requested by the customer to be provisioned as customer specific trunks.	(O)
		b. Shared Connection:	(0)
		The Company may establish facilities between ATM Service switching equipment in different Network Serving Areas in the same LATA and may allow customers to share bandwidth on these facilities; where these shared facilities are available to customers, a shared connection is an option. The customer must establish one or more Inter-Network Serving Area Links (INSAL) that extend between ATM switches.	(0)
		(1) Where the customer wishes to extend PVC Service, one PVC exists between both customer premises through each link. Charges for the PVC Inter-Network Serving Area Link are applied as follows:	(0)
		- the PVC Inter-Network Serving Area Link Establishment is charged at each end of the link per PVC,	(0)
		 for CBR or VBR PVCs, the appropriate PVC Inter-Network Serving Area Link PVC Bandwidth Charge is applicable for each end of the link per PVC; for UBR PVCs, an Inter-Network Serving Area UBR PVC Service Activation Charge applies per PVC for each end of the link, and 	(0)
		- no additional PVC Segment Charges apply.	(0)
	5.	In some cases, the Company and another Incumbent Local Exchange Company that offers ATM technology will jointly connect ATM switching equipment within a LATA to provide customers the ability to interconnect their locations served by the different companies. In order to utilize the Company's portion of this jointly provided shared connection for PVC traffic, the customer must subscribe to one end of a PVC Inter-Network Serving Area Link with either an Inter-Network Serving Area Link PVC Bandwidth Charge (per CBR or VBR PVC) or a PVC Inter-Network Serving Area Link UBR Service Activation Charge (per UBR PVC).	(0)
	6.	For customer locations within <i>Company</i> LATAs served by an Incumbent Local Exchange <i>Carrier</i> other than <i>the Company</i> the appropriate ATM Customer Connection charge for mileage associated with transmission speeds of 149.760 Mbps and 599.040 Mbps will be determined by using the airline distance from the switch location to the Company central office within the ATM Network Serving Area which is the closest designated SAP.	(T)(O)
	7.	Circuit Emulation Service provides for the emulation of a time division multiplexed (TDM) DS1 circuit through the ATM network so that the customer may interwork TDM services with their ATM Service. The customer is responsible for the appropriate charges for such TDM services from other <i>service publications</i> in addition to the charges specified herein for ATM Service.	(T)(O)
		An Unstructured versus Structured Circuit Emulation Customer Connection is selected based upon the customer's specific DS1 needs to respectively interwork an unstructured versus structured DS1 TDM service with ATM Service.	(0)
		Note 1: The mileage utilized to determine the Broadband Line Extension associated with a Dedicated Connection at speeds equal to or less than 44.210 Mbps is measured from Serving Area Point to Serving Area Point between the two involved Network Serving Areas. The mileage utilized to determine the Broadband Line Extension associated with a Dedicated Connection at speeds of 149.760 Mbps or 599.040 Mbps is measured between the serving wire centers in each	(0)

Network Serving Area where the ATM switches are located.

(T)(O)

(O)

(O)

(O)

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

A140.8.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

- 7. (Cont'd)
 - a. An Unstructured Circuit Emulation Customer Connection accepts the termination of a full DS1 TDM bit stream.
 - A unique Unstructured Circuit Emulation Customer Connection is provided to accept the termination of a full DS1 TDM bit stream from a BellSouth Primary Rate ISDN Service. One Unstructured Circuit Emulation Customer Connection - PRI over ATM rate element is required per BellSouth Primary Rate ISDN Interface. One ATM CBR PVC Segment with 2 Megabits of CBR PVC Segment Bandwidth shall apply in association with the service originating from each BellSouth Primary Rate ISDN Interface to the ATM Switch. (Additionally, the standard charges apply for the corresponding 2 Megabit ATM CBR PVC Segment to which this is mapped within the ATM switch, which is requested on the ATM Customer Connection associated with the customer's premises.)

Appropriate rate elements for the BellSouth Primary Rate ISDN Service when so terminated in ATM Service (T)(O) are as set forth in A42.3. Only BellSouth Primary Rate ISDN Service provided from a central office which is a Serving Area Point within the same ATM Service Network Serving Area as the customer premises to which the service is to be transported may utilize this option. If the ATM switch used to provide the circuit emulation capability for the BellSouth Primary Rate ISDN Service is not in the same central office as the Primary Rate ISDN switch, interoffice mileage charges from the BellSouth Primary Rate ISDN Service shall apply between these two switch central offices.

The ATM Customer Connection (associated with the customer premises) to which the PVC segment associated (0) with the Unstructured Circuit Emulation Customer Connection – PRI over ATM may be mapped must be a transmission speed of Subrate T3 or higher in order to accept the 2 Megabit CBR PVC associated with this service.

The PVC Segment associated with the Unstructured Circuit Emulation Customer Connection - PRI over ATM (T)(O) may only be mapped to a PVC Segment associated with a local ATM Service Customer Connection whose service terminates to a premises within the same LATA as the BellSouth Primary Rate ISDN Service switch. The provision of the BellSouth Primary Rate ISDN Service (via the Unstructured Circuit Emulation Customer Connection - PRI over ATM) to the premises associated with the local ATM Service Customer Connection must be in accordance with all regulations governing the provisioning of local exchange service via BellSouth Primary Rate ISDN Service.

(2) An Unstructured Circuit Emulation Customer Connection is provided to accept the termination of a full DS1 (T)(O) TDM bit stream from the customer's premises through a 1.536 Mbps Broadband Line Service. One Unstructured Circuit Emulation Customer Connection - Other TDM over ATM is required per such DS1 TDM service. One ATM CBR PVC Segment with 2 Megabits of CBR PVC Segment Bandwidth shall apply in association with the service originating from the TDM premises to the ATM Switch. Additionally, the standard charges apply for the corresponding 2 Megabit ATM CBR PVC Segment to which this is mapped within the ATM switch; the associated ATM Customer Connection must be a transmission speed or type which can accept the 2 Megabit CBR PVC.

(T)(O)

(O)

(O)

(T)(O)

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A140.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

A140.8.2 Regulations (Cont'd)

C. Provision of Service (Cont'd)

- 7. (Cont'd)
 - b. A Structured Circuit Emulation Customer Connection accepts up to 24 DS0 terminations from a channelized DS1 bit stream(s) from the customer (e.g., MegaLink Service with MegaLink Channel Service). Where MegaLink Service is used, the customer is responsible for paying the appropriate charges for MegaLink Service and MegaLink Channel Service. MegaLink Channel Service Broadband Line Service Feature Activation Charges apply for each DS0 termination to be directed to the Structured Circuit Emulation Customer Connection. The customer specifies the desired grouping of such DS0 terminations into ATM PVCs. An ATM CBR PVC Segment and Bandwidth Charges¹ apply for each PVC requested in association with the service originating from the TDM premises to the ATM Switch. Additionally, the standard charges apply for the corresponding ATM CBR PVC Segments to which these are mapped within the ATM switch.

A Structured Circuit Emulation Customer Connection is available with or without Channel Associated Signaling (CAS)² and is specified by the customer when service is ordered. CAS is necessary to support channelized DS1 TDM applications requiring DS1 Robbed Bit Signaling support.

A customer requiring connectivity to ATM Service greater than 1.536 Mbps but less than 44.210 Mbps may select ATM (0) Service Customer Connections Using IMA. An IMA Customer Connection allows the customer to select an ATM Customer Connection at a speed that is an even multiple of 1.536 Mbps service. IMA Customer Connections are available at speeds of 3.072 Mbps, 4.608 Mbps, 6.144 Mbps, 7.680 Mbps, 9.216 Mbps, 10.752 Mbps, and 12.288 Mbps.

To access an IMA Customer Connection, the customer subscribes to the appropriate quantity of 1.536 Mbps Broadband Lines and Broadband Line Extensions to equal the bandwidth of the IMA Customer Connection. A reference chart is provided in A40.5.3.A.3.

- 9. The appropriate nonrecurring charges for an existing IMA Customer Connection to be changed to another speed of IMA (T)(O) Customer Connection shall be the appropriate nonrecurring charges from Section A40.5 for any additional Broadband Line Service plus the full nonrecurring charges from Section AI40.8 for the new speed IMA Customer Connection requested and any associated PVC Features.
- 10. A customer requiring connectivity to ATM Service greater than 1.536 Mbps but less than 44.210 Mbps may select an ATM Subrate T3 Customer Connections are available at speeds of 18 Mbps, 24 Mbps, 30 Mbps and 36 Mbps.

Several technical limitations exist in association with the provisioning of ATM Subrate T3 Service. An ATM Subrate T3 (0) Customer Connection is provisioned utilizing 44.210 Mbps of transport bandwidth (e.g., a 44.210 Mbps Broadband Line Service); no other service(s) may utilize the remaining bandwidth. While an ATM Subrate T3 Customer Connection can simultaneously support both PVCs and SVCs, bandwidth reserved for SVCs is not available for use by PVCs (and vice versa). UBR PVCs and UBR SVCs are not allowed on an ATM Subrate T3 Customer Connection.

- **Note 1:** PVC Segment Bandwidth charges shall be based upon the equivalent bandwidth required for (0) each PVC requested. The transport of TDM service as ATM Circuit Emulation Service requires additional overhead, sometimes referred to as "cell tax". Consequently, the bandwidth required for a given PVC will be greater than the sum of the DS0 TDM bandwidth. For example, the PVC resulting from a single DS0 TDM bit stream of 64 Kbps will be greater than 64 Kbps as a result of the equivalent bandwidth required for overhead and will require two Increments of 64 Kbps Bandwidth per CBR PVC Segment.
- **Note 2:** However, Channel Associated Signaling (CAS) may not be available at all ATM switch (O) locations.

(T)(O)

(O)

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A140.8 Asynchronous Transfer Mode (ATM) Service (Cont'd)

A140.8.2 Regulations (Cont'd)

- C. Provision of Service
 - 11. To have ATM Back-Up Capability as an option for a 44.210 Mbps or 149.760 Mbps Customer Connection, the customer (T)(O) is required to have an ATM Service Back-Up Customer Connection and a separate Broadband Line (with Broadband Line Extension Service, as appropriate) which are designated specifically for back-up purposes. Monthly rates and nonrecurring charges applicable for a Back-Up Customer Connection are provided in AI40.8.3.A following. Monthly rates and nonrecurring charges for Broadband Line Service are found in A40.5.

The activation of a Back-Up Customer Connection via the rerouting of traffic from a primary Customer Connection to (0) the Back-Up Customer Connection is a manual operation performed by the Company at the direction of the customer. At the direction of the customer, the Company will subsequently then redirect traffic from the Back-Up Customer Connection to the primary Customer Connection.

A Primary Customer Connection Back-Up Enablement/Change Charge provided in AI40.8.3.A is applicable per existing (T)(O) primary Customer Connection which is requested by the customer to be back-up enabled and is billed to each primary Customer Connection Back-Up Enablement/Change Charge is also applicable for each existing back-up enabled primary Customer Connection when the customer requests a reassignment of that primary Customer Connection.

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.8 Asynchronous Transfer Mode (ATM) Service (Cont'd) (T)(O) A140.8.2 Regulations (Cont'd) (T)(O)D. Contract Plans (O)1. Contract plans are available under conditions specified in the Fast Packet Services Payment Plan (SPP) in A40.10 with (T)(O) contract periods described as follows: a. Term Payment Plan A - payment periods may be selected from 12 to 36 months. (O) b. Term Payment Plan B - payment periods may be selected from 37 to 60 months. (O)2. Provided the applicable conditions set forth in A40.10.2 and A40.10.4.B. are satisfied, a Termination Liability Charge (T)(O) will not be applicable at the date of termination, if prior to fulfilling the period of the contract plan, the customer requests a change from an ATM service to the same speed, higher speed or next lower speed of any service offered by the Company under a contract plan. In such cases, the full nonrecurring charges apply for the installation of the new service requested, except as specified otherwise in this *Guidebook* or the new service's *Guidebook*. For purposes of implementing this regulation on Termination Liability Charges for changes from one speed of ATM (O)Service (under contract) to another speed of ATM Service (under contract), the following hierarchy of ATM Customer Connection speeds shall exist (shown in order of lowest to highest): 1.536 Mbps (standard and circuit emulation) (O) IMA (O)Subrate T3 (O)44.210 Mbps (O)149.760 Mbps (O)599.010 Mbps (O)3. (DELETED) (O) To be included under a Fast Packet Services Payment Plan, PVC Features and SVC Features must be associated with 4. (T)(O)Customer Connections also under a Fast Packet Services Payment Plan. The length of the Fast Packet Services Payment Plan for the PVC Features and SVC Features cannot be for a longer period than the associated Customer Connection. A Termination Liability Charge will not be applicable for the disconnection of PVC Features and SVC Features set forth in A140.8.3.B., C., and D. that are selected under the Fast Packet Services Payment Plan.

40.8	Asynchror	ious Transfer Mode (ATM) Se	rvice (Co	ont'd	l)			((T)(O)
140.8	.3 Rates and	Charges						((T)(O
A. (Customer Conne	ction to ATM Service							(0
	1. 1.536 Mbps	ATM Service							(0
	(a 2. 1.536 Mbps) Per Customer Connection ATM Circuit Emulation Service	Nonrecuri Cha \$595	ring irge 5.00	Month To Month \$550.00	A 12 To 36 Months \$450.00	B 5 37 To 60 5 Months \$415.00	USOC ATA1F	(O (O
	(a) Per Unstructured Customer Connection	595	5.00	250.00	225.00	225.00	ATAPR	(0
	(b	PRI over ATM Per Unstructured Customer Connection Other TDM over ATM	595	5.00	300.00	250.00	225.00	ATAQU	(0
	cc) 3. ATM Servi) Per Structured Customer Connection ce Using IMA	595	5.00	500.00	450.00	425.00	ATAQS	(0 (0
	(a) Per 3.072 Mbps Customer Connection	325	5.00	800.00	700.00	600.00	ATAG3	(0
	(b) Per 4.608 Mbps Customer Connection	325	5.00	1000.00	900.00	800.00	ATAG4	(0
	(c) Per 6.144 Mbps Customer Connection	325	5.00	1200.00	1100.00	1000.00	ATAG6	(C
	(d) Per 7.680 Mbps Customer Connection	325	5.00	1500.00	1300.00	1200.00	ATAG7	(C
	(e) Per 9.216 Mbps Customer Connection	325	5.00	1900.00	1500.00	1400.00	ATAG9	(C
	(f	Per 10.752 Mbps Customer Connection	325	5.00	2200.00	1750.00	1600.00	ATAG2	(C
	(g) 4. ATM Subrat) Per 12.288 Mbps Customer Connection e T3 Service ¹	325	5.00	2500.00	2000.00	1800.00	ATAG1	(C (C
	(a) Per 18 Mbps Customer Connection	1,225	5.00	2,400.00	1,900.00	1,700.00	ATAT8	(C
	(b) Per 24 Mbps Customer Connection	1,225	5.00	2,600.00	2,000.00	1,800.00	ATAT4	(C
	(c) Per 30 Mbps Customer Connection	1,225	5.00	3,000.00	2,300.00	2,100.00	ATATO	(C
	(d) Per 36 Mbps Customer Connection	1,225	5.00	3,300.00	2,550.00	2,350.00	ATAT6	(C
	5. 44.210 Mbp	s ATM Service							(C
	(a 6. 149.760 Ml) Per Customer Connection pps ATM Service	1,225	5.00	3,500.00	2,800.00	2,550.00	ATA4F	(C (C
,	(a (b 7. 599.040 MI	 Per Customer Connection Per Mile, or fraction thereof² pps ATM Service 	\$2,175.00 -	\$5,58 14	80.00 \$4 10.00	4,650.00 132.00	\$4,200.00 130.00	ATA7F ATA7M	(C) (C) (C
,	(a (b	 Per Customer Connection Per Mile, or faction thereof² Ta Speed Change Change 	4,750.00	14,55 20	50.00 12 05.00	2,650.00 195.00	11,500.00 190.00	ATA9F ATA9M	(C (C

8. ATM Subrate T3 Speed Change Charge

This nonrecurring charge applies per ATM Subrate T3 Customer Connection requested to be changed to either 1) (T)(O) another speed ATM Subrate T3 Customer Connection or 2) to a 44.210 Mbps ATM Service Customer Connection. Accordingly, the ATM Subrate T3 Speed Change Charge applies in lieu of the Nonrecurring Charge specified in AI40.8.3.A.4. or 5. for the new speed Customer Connection.

Nonrecurring		
Subrate T3 Customer Connection Speed Change RequestCharge\$500.00A	USOC TATC	(0)
Technical limitations associated with the provisioning of ATM Subrate T3 Service are set for in AI40.8.2.C.10.	rth	(T)(O)
Mileage based upon the airline distance of the customer's Serving Area Point from the Company Central Office where the ATM switch is located within that Network Serving Area A Per Mile Charge does not apply if the ATM switch is located in the customer's serving we center.	he ea. ire	(0)
	Nonrecurring Charge Charge Subrate T3 Customer Connection Speed Change Request \$500.00 A' Technical limitations associated with the provisioning of ATM Subrate T3 Service are set for in AI40.8.2.C.10. Mileage based upon the airline distance of the customer's Serving Area Point from the Company Central Office where the ATM switch is located within that Network Serving Area A Per Mile Charge does not apply if the ATM switch is located in the customer's serving we center.	Nonrecurring Subrate T3 Customer Connection Speed Change Request Charge \$500.00 USOC \$500.00 Technical limitations associated with the provisioning of ATM Subrate T3 Service are set forth in AI40.8.2.C.10. Mileage based upon the airline distance of the customer's Serving Area Point from the Company Central Office where the ATM switch is located within that Network Serving Area. A Per Mile Charge does not apply if the ATM switch is located in the customer's serving wire center.

EFFECTIVE: September 19, 2011

A140.8	B As	synchrond	ous Transfer Mode (ATM)	Service (Cont'o	d)			(T)(O)
A140	.8.3	Rates and Cl	narges (Cont'd)					(T)(O)
А.	Cus	tomer Connecti	on to ATM Service (Cont'd)						(0)
	9.	ATM Back-U	p Capability:						(0)
		44.210 Mbps	Back-Up Customer Connection						(0)
	10.	(a) ATM Back-U	Per Customer Connection p Capability:	Nonrecurring Charge \$1225.00	Month To Month \$2800.00	A 12 to 36 Months \$2240.00	B 37 to 60 Months \$2040.00	USOC ATAB4	(0) (0)
		149.760 Mbp	s Back-Up Customer Connection						(0)
	11.	(a) (b) ATM Back-U	Per Customer Connection Per Mile, or fraction thereof ¹ p Capability:	2175.00	4464.00 112.00	3720.00 106.00	3360.00 104.00	ATABC ATABM	(0) (0) (0)
		Primary Cust	omer Connection Back-Up Enablement	/Change Charge					(0)
						Non	recurring		
		(a)	Per Existing Primary Customer Con	nection			Charge \$125.00	USOC ATABE	(0)

Company Central Office where the ATM switch is located within that Network Serving Area. A Per Mile Charge does not apply if the ATM switch is located in the customer's serving wire center.

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.8 Asynchronous Transfer Mode (ATM) Service (Cont'd) (T)(0) A140.8.3 Rates and Charges (Cont'd) (T)(0) B. PVC Feature Charges (0) 1. Constant Bit Rate (CBR) Service Category (0)

		Nonrecurring Charge	Month To Month	A 12 To 36 Months	B 37 To 60 Months	USOC	
	(a) PVC Segment Charge, Per Segment	\$ 70.00	\$ 5.00	\$ 5.00	\$ 5.00	ATACS	(0)
	(b) Per Megabit ¹ Bandwidth Charge, Per Segment	-	40.00	40.00	40.00	ATACM	(0)
	(c) Per Increment of 64 Kbps ² Bandwidth Charge, Per Segment	-	2.60	2.60	2.60	ATACK	(0)
2.	Variable Bit Rate - Real Time (VBR-RT) Service Cate	egory					(0)
	(a) PVC Segment Charge, Per Segment	70.00	5.00	5.00	5.00	ATAVS	(0)
	(b) Per Megabit ¹ Bandwidth Charge, Per Segment	-	40.00	40.00	40.00	ATAVM	(0)
	(c) Per Increment of 64 Kbps ² Bandwidth Charge, Per Segment	-	2.60	2.60	2.60	ATAVK	(0)
3.	Variable Bit Rate - Non-Real Time (VBR-NRT) Servi	ice Category					(0)
	(a) PVC Segment Charge, Per Segment	70.00	5.00	5.00	5.00	ATANS	(0)
	(b) Per Megabit ¹ Bandwidth Charge, Per Segment	-	40.00	40.00	40.00	ATANM	(0)
	(c) Per Increment of 64 Kbps ² Bandwidth Charge, Per Segment	-	2.60	2.60	2.60	ATANK	(0)
	Note 1 : The Per Megabit Bandwidth greater than 1.536 Mbps.	n Charge is applical	ble per PVC	segment for P	VCs with ban	dwidth	(0)

Note 2: The Per Increment of 64 Kbps Bandwidth Charge is applicable per PVC segment for PVCs (0) with bandwidth less than or equal to 1.536 Mbps.

(0)

(0)

Α	140. OBSOLETE SERVICE OFFERINGS – FAS	Т РАСКЕТ	TRANS	SPORT	SERVIC	ES	
A140.8	3 Asynchronous Transfer Mode (ATM) Service	(Cont'd)				(T)(O)
A140	.8.3 Rates and Charges (Cont'd)					(T)(O)
В.	PVC Feature Charges (Cont'd)						(0)
	4. Unspecified Bit Rate (UBR) Service Category						(0)
	(a) PVC Segment Charge, Per PVC Segment Per Customer Connection	Nonrecurring Charge \$70.00	Month To Month \$5.00	A 12 To 36 Months \$5.00	B 37 To 60 Months \$5.00	USOC ATAUS	(O) (O)
C.	 (b) 1.536 Mbps UBR Service Activation Charge (c) 3.072 Mbps UBR Service Activation Charge (d) 4.608 Mbps UBR Service Activation Charge (e) 6.144 Mbps UBR Service Activation Charge (f) 7.680 Mbps UBR Service Activation Charge (g) 9.216 Mbps UBR Service Activation Charge (h) 10.752 Mbps UBR Service Activation Charge (i) 12.288 Mbps UBR Service Activation Charge (j) 44.210 Mbps UBR Service Activation Charge (k) 149.760 Mbps UBR Service Activation Charge (l) 599.040 Mbps UBR Service Activation Charge Inter-Network Serving Area Link PVC Establishment Charge, 		10.00 20.00 30.00 40.00 50.00 60.00 70.00 80.00 250.00 500.00 1,000.00	10.00 20.00 30.00 40.00 50.00 60.00 70.00 80.00 250.00 500.00 1,000.00	$\begin{array}{c} 10.00\\ 20.00\\ 30.00\\ 40.00\\ 50.00\\ 60.00\\ 70.00\\ 80.00\\ 250.00\\ 500.00\\ 1,000.00\end{array}$	ATAA1 ATAA3 ATAAA ATAA6 ATAAB ATAAC ATAAD ATAAA ATAA4 ATAA4 ATAA7 ATAA9	 (O)
	Per End of Link, Per PVC (a) Per establishment 2. CBR PVC Bandwidth Charge, Per PVC		Nonre Month	curring Charge \$35.00 A	В	USOC ATALE	(O) (O)
	 (a) Per Megabit¹ Per End of Link, or (b) Per Increment of 64 Kbps², Per End of Link 3. VBR-RT PVC Bandwidth Charge, Per PVC 	Nonrecurring Charge - -	To Month \$40.00 2.60	12 To 36 Months \$40.00 2.60	37 To 60 Months \$40.00 2.60	USOC ATAJM ATAJK	(0) (0) (0)

Per Increment of 64 Kbps², Per End of Link (b)

(a)

Per Megabit¹ Per End of Link, or

4.	VBR-NRT PVC Bandwidth Charge, Per PVC						(0)
	(a) Per Megabit ¹ Per End of Link, or	-	40.00	40.00	40.00	ATAMM	(0)
	(b) Per Increment of 64 Kbps ² , Per End of Link	-	2.60	2.60	2.60	ATAMK	(0)
5.	UBR PVC Service Activation Charge, Per PVC						(0)
	(a) Per End of Link	-	40.00	40.00	40.00	ATAEA	(0)

Note 1: The Per Megabit Bandwidth Charge is applicable per End of Link for PVCs with bandwidth (O) greater than 1.536 Mbps.

40.00

2.60

40.00

2.60

40.00

2.60

ATAKM

ATAKK

Note 2: The Per Increment of 64 Kbps Bandwidth Charge is applicable per End of Link for PVCs with (O) bandwidth less than or equal to 1.536 Mbps.

(O)

(0)

- ATAFC

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.8 Asynchronous Transfer Mode (ATM) Service (Cont'd) (T)(O) A140.8.3 Rates and Charges (Cont'd) (T)(O) D. SVC Feature Charges (0) 1. SVC Service Activation Charge (O) Month B А Nonrecurring 12 To 36 37 To 60 То Charge Month Months Months USOC Per Customer Connection (any speed) \$35.00 - ATASA (O) (a) --SVC Bundles (Increment of 5 SVCs) 2 (O)Per Bundle, Per Customer Connection 30.00 5.00 5.00 5.00 ATASS (O) (a) SVC Bandwidth Per Customer Connection Activated for 3. (O)**SVCs** (a) Per Megabit¹ Bandwidth Charge, or 40.00 40.00 40.00 ATASM (O) Per Increment of 64 Kbps² Bandwidth Charge 2.60 ATASK (b) 2.60 2.60 (O) 4 SVC Closed User Group (CUG) (O)\$20.00 - ATASG Per Group (0) (a) 20.00 Per Entry - ATASE (0) (b)

E. Feature Change Charge

1. Per Occurrence

Note 1: The Per Megabit Bandwidth Charge is applicable per Customer Connection activated for SVCs (O) with a total bandwidth requirement greater than 1.536 Mbps.

75.00

Note 2: The Per Increment of 64 Kbps Bandwidth Charge is applicable per Customer Connection (O) activated for SVCs with a total bandwidth requirement_less than or equal to 1.536 Mbps.

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES

(M)

A140.9	9 Reserved For Future Use	(M)
A140.	10 Reserved For Future Use	(M)
A140.	11 BellSouth Video Conferencing Service	(M)
(Obso only i	bleted 12/19/2003, Type 2 – Not offered for new installations on and after December 19, 2003. Available units used for additions to or replacements of existing service at the same locations.)	(M)
A140	.11.1 General	(M)
Α.	BellSouth Video Conferencing service is a video service that provides switching and distribution processes required for interactive multipoint video conferencing based on International Telecommunications Union - Telecommunications (ITU-T) (H.320) standard codec equipment which must be provided by the customer at the endpoint locations.	(M)
	This service includes a reservations center which provides established network connections, tracks individual conference room capabilities and availability, and provides initial trouble isolations.	(M)
	Access from the customer premises to BellSouth Video Conferencing service must be purchased from other services provided by the Company.	(M)
B .	BellSouth Video Conferencing service is provided as follows; (1) Automatic, Voice Activated Mode, (2) Chairman Control Mode and (3) Broadcast/Presentation Mode.	(M)
C.	This service utilizes a network based Multipoint Control Unit (MCU) to manage and switch compressed digital video signals produced by customer owned video codec equipment at video bit rate capabilities of 1.536 Mbps, 672/768 Kbps, 336/384 Kbps, and 112/128 Kbps.	(M)
D.	BellSouth Telecommunications, Inc. services that will interface with BellSouth Video Conferencing service are Broadband Line Service, Switched 56 Kbps services, and ISDN switched services.	(T)(M)
Е.	BellSouth Video Conferencing service includes a full-time, centralized, scheduling center (twenty-four hours per day, 365 days per year) accessible to the customer either by telephone dial-in, or facsimile.	(M)

Scheduling can be established from two hours to eighteen (18) months in advance based on MCU/facility availability.

Material appearing on this page previously appeared on page(s) 6 of this section.

A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES A140.12 Customer Network Management

(Obso	eted 9/19/2011, Type B – Not available for new installations, additions or on transfers of service to new location.)	(N)		
A140	.12.1 General	(T)(O)		
А.	Customer Network Management (CNM) is available on an optional basis as a feature of Frame Relay Service and Asynchronous Transfer Mode (ATM) Service.	(0)		
В.	The CNM option provides customers a view into their BellSouth Fast Packet network for monitoring and trouble shooting purposes.	(0)		
C.	The CNM platform supports hierarchical customer names. For example, a customer defines an overall network name (usually the customer name) and then may choose to establish multiple sub-network names. A maximum of five hierarchical tiers are available (the overall network plus four sub-network tiers).	(0)		
D.	Access to CNM is via a Web interface. A dial or dedicated method available in Section A32., Integration Plus Management Services, may also be used to access CNM. Switched service and private line service used as a means of accessing FlexServ service has been obsoleted (see A132). For security reasons, customers are required to identify themselves via a username and password. The username and password are assigned at the time the account is established. Following is a description and requirements for each type of access:			
	1. Web Interface - This interface allows customers to access CNM via the Web using a standard Web browser. type of a.	(0)		
	a. (Obsoleted, See A132)	(T)(O)		
	2. (Obsoleted, See A132)	(T)(O)		
	3. (Obsoleted, See A132)	(T)(O)		
Е.	CNM is offered in packages which provide the following CNM options: Fault Management, On Demand Statistics and Performance Reporting.	(0)		
	1. Fault Management	(O)		
	The Fault Management option provides the ability to monitor fault and alarm information as network events occur. If a BellSouth network event results in automatic rerouting of customer owned PVCs on a Customer Connection within the BellSouth Fast Packet network, such that those PVCs are not service impacted, then <i>the Company</i> will not send PVC events to the customer. The following Fault Management features are available on a customer and sub-network basis:	(T)(O)		
	- <i>The Company</i> will provide to the customer, in near real time, all events, faults, and network alarms on any Customer Connection or PVC.	(T)(O)		

- The customer can determine the severity level of alarms displayed and suppress the alarms they do not wish to view. (0)

Material previously appearing on this page now appears on page(s) 17 of this section.

(O)

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES (O)A140.12 Customer Network Management (Cont'd) A140.12.1 General (Cont'd) (T)(O) E. (Cont'd) (O)**On Demand Statistics** 2 (O)CNM provides customers statistics for each Customer Connection and PVC on a customer and sub-network basis. 3. Performance Reporting (PR) (0) CNM-PR provides BellSouth Frame Relay and/or ATM Service customers network performance reports on their (\mathbf{O}) BellSouth Fast Packet network. Customers have the capability of requesting performance reports for interfaces. (Interfaces are defined as customer connections and PVCs). CNM-PR provides a measure of the level of network performance of a customer's network and individual interfaces that is called the Network Performance Level. The Network Performance Level components include Incoming Utilization, Outgoing Utilization, Discarded Frames/Cells and Congestion. The Network Performance Level is used in several reports to provide a weighted performance measure taking into account all the performance parameters mentioned above. Historical Performance reports will baseline historic network performance, trend future performance and highlight network performance problems. The following selection of reports is available: (O)

- a. Network Summary Report Provides an overview of the customer's network performance in terms of Total Frames/Cells Transmitted and Received, Percent Total Utilization, Total Frames/Cells Discarded, and Percent Frames/Cells Discarded of Total Frames/Cells Transmitted and Received.
- b. Forecast Report Provides the network interfaces that are projected to exceed customer specific thresholds of Utilization and Congestion. (O)
- c. Network Interface Performance Report Provides the Network Performance Level on a customer selectable interface (0) (customer connection or PVC).
- d. Capacity Planning Report Provides the top ten over-utilized and top ten under-utilized interfaces.
- e. Threshold Exceptions Report Provides a daily report on the top ten interfaces that exceed a customer selectable (0) threshold parameter. These parameters are Input Utilization, Output Utilization, Incoming Congestion, Outgoing Congestion, In Discards, and Out Discards.
- f. Top Ten Report Provides a daily report of the top ten interfaces with the highest volumes and the worst Network
 Performance Level. It also specifies the top ten interfaces with the greatest change in both volume and Network
 Performance Level.
- **F.** The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of (O)(T) this and other *service publications* of the Company.
- G. The rates and charges set forth for CNM provide for the furnishing of service where suitable facilities are available. (0)
- H. CNM is only available for use with Frame Relay Service described in *A140.1* and ATM service described in *A140.8*. (O)(T)

Original Page 14

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES A140.12 Customer Network Management (Cont'd)

Customer Connections in their BellSouth Fast Packet network or choose CNM for only a portion.

A customer may subscribe to CNM on a monthly basis. An account is established which will include the Customer

Connections designated by the customer to have CNM capability. Customers may choose to subscribe to CNM for all

The Company is not responsible for the installation, operation, or maintenance of any equipment provided by the

The customer is responsible for the provision and maintenance of all Customer Provided (CPE) and to ensure that

the operating characteristics of this equipment are compatible with and do not interfere with the service offered by

In order to maintain the quality of CNM, the Company reserves the right to perform preventive maintenance and

software updates. This could result in CNM being unavailable during the time period between midnight and 3:00 A.M. Eastern Time on any given Sunday morning. In addition, preventive maintenance may be performed on the Frame Relay or ATM network being monitored by CNM on any given Wednesday or Sunday between 2:00 A.M. and 4:00 A.M. Eastern Time. CNM will be unable to view these circuits while preventive maintenance is being performed. However, the Company only expects to utilize this maintenance window for any given switch on the average of once a quarter. In addition, the Company will make every reasonable effort to provide advance notice to those customers likely to be

CNM is available in three packages – Gold, Silver or Bronze. All Customer Connections within a customer's account

must be under the same package. If a customer desires to have multiple packages, a separate account must be established

CNM is not available on Back-Up Customer Connections or Intelligent PVCs.

Application testing described in A2.5.11 is not available for CNM.

for each package type. Following is a description of what is available in each package:

A140.12.2 Regulations

1.

2.

3.

4.

5.

6

1.

B.

a.

b.

c.

Provision of Service

customer.

the Company.

Α.

Basis of Offering

Suspension of service is not allowed.

Obligations of Customer and Company

severely affected by such maintenance work. The minimum service period is one month.

Reporting.

(T)(O)

(O)

- (O)(T)(O) (O)
- (O)(O)

(O)

- (T)(O)
- (O)
- (O) (O)(O)

(O)

(O)

The Silver Package includes Fault Management and On Demand Statistics. The Bronze Package includes only Fault Management. (O)

The Gold Package includes all CNM options; Fault Management, On Demand Statistics and Performance

Original Page 15

A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES (O)A140.12 Customer Network Management (Cont'd) A140.12.2 Regulations (Cont'd) (T)(O) B. Provision of Service (Cont'd) (O)Customers who subscribe to CNM may choose to monitor their entire BellSouth Fast Packet network or selected 2 (O)Customer Connections. The following rates and charges are applicable for customers who subscribe to CNM: Service Establishment Charge (O) a. The Service Establishment Charge is a nonrecurring charge which applies per Frame Relay or ATM customer (O)account. If a customer is both a Frame Relay and ATM customer, only one Service Establishment Charge will apply. This charge covers the initial establishment and set-up of the CNM account for the customer. A username(s) and password(s) will be assigned for use by the customer in accessing their account. At the time the account is established, a customer may also choose to establish sub accounts. Reporting Packages - Gold, Silver, Bronze (O)A monthly charge applies for each Customer Connection the customer has chosen to monitor. A nonrecurring (O) charge is applicable per Customer Connection at the time of installation. C. Subsequent Modification Charge (O)The Subsequent Modification Charge is a nonrecurring charge which applies per Customer Connection when a (O)CNM customer requests that existing CNM Customer Connections, or PVC's on the Customer Connection, be modified. Examples of this charge include change of customer name and movement between packages. This charge is not applicable: when a new PVC is added to an existing CNM Customer Connection and CNM is requested for the (O) new PVC, or for a request to change a password. (O)d. Management Access Interface (O)All customers must have a Management Access Interface. This connection allows the customer to monitor their (O) network. A monthly charge applies for each Web Interface. A nonrecurring charge is applicable per web access at the time of installation. A Security Card described below is required for each web access. See A32.1.2 for a dial or dedicated access option. Security Card – The Security Card charge specified in AI40.12.3.B will apply for the initial card or (T)(O)for the issuance of additional cards for additional users or to replace a lost, damaged or expired card. C. Contract Plans (O) Contract plans are available under conditions specified in the Fast Packet Services Payment Plan in A40.10 with contract 1. (T)(O) periods described as follows: a. Term Payment Plan A - payment periods may be selected from 12 to 36 months. (O)b. Term Payment Plan B - payment periods may be selected from 37 to 60 months. (O)

GENERAL SUBSCRIBER SERVICE TARIFF

Miami, Florida A140. OBSOLETE SERVICE OFFERINGS – FAST PACKET TRANSPORT SERVICES

A140.12 Customer Network Management (Cont'd)

A140.12.3 Rates and Charges

(T)(O) (O)

(O)

(0)

- A. CNM Performance Reporting
 - 1. CNM Service Establishment Charge

]	Nonrecurring			
						Charge		USOC	
		(a)	Per Customer			\$250.00		CNMSE	(0)
	2.	Gold Reportin	ıgʻ						(0)
					Month	Α	В		
				Nonrecurring	То	12 to 36	37 to 60		
				Charge	Month	Months	Months	USOC	
		(a)	Per Frame Relay Service Customer	r \$95.00	0.00	0.00	0.00	CNMGF	(0)
			Connection	05.00	0.00	0.00	0.00	CDD 4C 4	
		(b)	Per ATM Service Customer	95.00	0.00	0.00	0.00	CNMGA	(O)
	2	Cilver Denert	Connection $\frac{1}{2}$						
	5.	Silver Report							(0)
		(a)	Per Frame Relay Service Customer	r 90.00	0.00	0.00	0.00	CNMSF	(0)
			Connection	00.00	0.00	0.00	0.00	CNIMEA	
		(b)	Per AIM Service Customer	90.00	0.00	0.00	0.00	CINIISA	(0)
	4	Bronza Danor	ting ³						(0)
	4.	Biolize Repoi		95.00	0.00	0.00	0.00	CNIMPE	(0)
		(a)	Per Frame Relay Service Customer	r 85.00	0.00	0.00	0.00	CINIMBF	(0)
		(b)	Connection Per ATM Service Customer	85.00	0.00	0.00	0.00	CNMBA	(0)
		(0)	Connection	05.00	0.00	0.00	0.00	CIVIDA	(0)
	5	Subsequent M	Indification Charge						(0)
	5.	Bubbequent	lounieuton charge			Nonroourring			(-)
						Charge		USOC	
		(a)	Per Customer Connection			\$75.00		CNMSM	(0)
B.	Mar	nagement Acces	ss Interface ⁴			<i><i><i>ϕ</i>ic<i>ic<i>icicicicicicicicicicicicicicicicicic<i>icicicic<i>cicicicicicicic<i>icicicicic<i>icicicicic<i>icicicicic<i>icicic<i>icicicic<i>icicic<i>ciccic<i>ciccic<i>ciccici</i></i></i></i></i></i></i></i></i></i></i></i></i></i></i>			(0)
2.	1	Web Interface							(0)
	1.	web interface					P		(0)
				N	Month	A 12 42 26	B 27.45.60		
				Nonrecurring	10 Month	12 to 30 Months	37 to 60 Months	USOC	
		(2)	Fach	\$125.00	\$25.00	\$18 75	\$15.00	CNMWE	(0)
	2	(a) Security Card	Each	φ125.00	φ23.00	φ10.72	φ15.00	CIUNIVE	(0)
	2.	Security Card		NT					(0)
				Nonrecurring				USOC	
		(a)	Fach	\$100.00				CNMSC	(0)
		(a)	Each	\$100.00				cruise	(0)
			Note 1: Includes Fault Managem	nent, On Demand Sta	atistics and Pe	erformance Rep	orts.		(0)
			Note 2: Includes Fault Managem	ent and On Demand	Statistics.				(0)
			Note 3: Includes only Fault Man	agement.					(0)
			Note 4: See A32.1.2 for a dial or	dedicated access or	ntion				() ())
			Note 4: See A32.1.2 for a dial or	dedicated access op	otion.				(0)
A140. OBSOLETE SERVICE OFFERINGS - FAST PACKET TRANSPORT SERVICES

 (\mathbf{M})

(M)

(M)

(M)

 (\mathbf{M})

 (\mathbf{M})

 (\mathbf{M})

(M)

 (\mathbf{M})

(M)

(M)

 (\mathbf{M})

 (\mathbf{M})

<u>a</u> n

A140.13 BellSouth Metro Ethernet Service (Obsoleted January 31, 2011, Type B - Dedicated Arrangements are not available for new installations, additions or on transfers of service to new locations.) A140.13.1 General - see A40.13.1 A140.13.2 Regulations A. Explanation of Terms 1. Reserved For Future Use 2. Reserved For Future Use 3. Reserved For Future Use 4. Reserved For Future Use 5. Reserved For Future Use 6. Dedicated BellSouth Metro Ethernet Service Connection Provides 100 Mbps and 1 Gbps point-to-point Ethernet capabilities that are a part of a BellSouth Metro Ethernet Service network within a metropolitan area. A Dedicated BellSouth Metro Ethernet Service Connection operating at any of these speeds is only capable of interconnecting with one other Dedicated BellSouth Metro Ethernet Service Connection in the same metropolitan area. A Dedicated BellSouth Metro Ethernet Service Connection provides data channel transport that connects customer premises that are 10 miles or less in distance from the BellSouth Metro Ethernet Service wire center associated with the

A140.13.3 Rates and Charges

A140	1.15.5 Kates and Charges						(101)
А.	Reserved For Future Use						(M)
B .	Reserved For Future Use						(M)
C.	Dedicated BellSouth Metro Ethernet Service Arrangeme	ents					(M)
		Nonrecurring Charge	Month to Month	12 to 36 Months	37 to 60 Months	USOC	(M)
	1 100 Mbps Dedicated Connection (a) per connection	\$1,500.00	\$2,160.00	\$1,730.00	\$1,560.00	MTEDB	(M) (M)
	2. 1 Gbps Dedicated Connection						(M)
	(a) per connection	2,000.00	4,310.00	3,450.00	3,110.00	MTEDC	(M)

Dedicated BellSouth Metro Ethernet Service Connection. Customer locations greater than 10 miles from the Dedicated BellSouth Metro Ethernet Service wire center require BellSouth Metro Ethernet Service Additional Mileage charges.

Material appearing on this page previously appeared on page(s) 12 of this section.