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February 7, 2005

Ms. Beth Salak  
Director, Division of Competitive Markets & Enforcement  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

Dear Ms. Salak:

Pursuant to Florida Statute 354.051, attached for filing, with the commission, are the following pages of the Access Services Tariff:

Access Services Tariff – See attachment

This tariff filing will introduce several new Fast Packet Access Services features and will also make some miscellaneous changes to the Fast Packet Access Tariffs. Customer Configuration Management Capability is being introduced for Exchange Access Frame Relay Service in Section E21.1. A Remote Message Interface feature is being added to the BellSouth Network Visibility Service in Section E21.6. Service Level Agreements for network performance are being introduced for Exchange Access Frame Relay Service (Section E21.1) and Exchange Access ATM Service (Section E21.3). This tariff filing will additionally relax an existing Fast Packet Service Payment Plan regulation in Section E2 of the Access Services Tariff that is applicable to Section E21 services under contract. Several miscellaneous text changes are also included for Section E21 in this filing to provide additional clarity.

Acknowledgment, date of receipt, and authority number of this filing are requested.

Your consideration and approval will be appreciated.

Yours very truly,

Marshall M. Marshall M. Criser III (slg)

Regulatory Vice President

Attachments

## Attachment A

### Tariff Pages

#### Access Services Tariff

Section E2	Second Revised Page 43
Section E21	Fourth Revised Page 1 Fourth Revised Page 2 Third Revised Page 3 Original Page 3.1 Original Page 3.2 Original Page 3.3 Sixth Revised Page 5 Original Page 5.1 Original Page 5.2 Original Page 5.3 Original Page 5.4 Sixth Revised Page 6 Third Revised Page 7 Original Page 16.1 Original Page 16.2 Original Page 16.3 First Revised Page 18 First Revised Page 21 First Revised Page 22
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## **EXECUTIVE SUMMARY**

### **Introduction**

The purpose of this filing is to introduce several new Fast Packet Access Services features and also make some miscellaneous changes to the Fast Packet Access Tariffs in Section E21 of the Access Services Tariff (AST).

### **Description/Rationale for Proposed Tariff**

Fast Packet Access Services (i.e., Exchange Access Frame Relay Service, Exchange Access ATM Service and BellSouth Network Visibility Service) are currently provided in Section E21 of the Access Services Tariff; the Fast Packet Services Payment Plan in Section E2 provides the regulations for offering these services under a contract payment plan. The purpose of this filing is to introduce several new Fast Packet Access Services features and also make some miscellaneous changes to the Fast Packet Access Tariffs.

#### **Customer Configuration Management Capability for Exchange Access Frame Relay Service**

**(XAFRS):** Customer Configuration Management Capability is being introduced as a new optional service feature for XAFRS in Section E21.1; this new capability will allow the customer to add, change and delete permanent virtual circuits (PVCs) themselves without utilizing the standard ordering and provisioning process to request BellSouth to perform these functions. The customer shall subscribe to a desired quantity of Configurable DLCI Bundles for each XAFRS Network Interface (port) with BellSouth Network Visibility Service (NVS). The customer will then have access thru the NVS system to mechanically add, change and delete configurable PVCs between such Frame Relay ports by mapping the Configurable DLCIs together. The Configurable DLCI Bundle charges billed for such ports are applicable for the configurable PVCs in lieu of the standard individual DLCI and CIR Charges in the existing XAFRS tariff for standard PVCs established by BellSouth.

#### **Remote Message Interface for BellSouth Network Visibility Service (NVS):**

A Remote Message Interface is being introduced as a new optional service feature for BellSouth Network Visibility Service in Section E21.6. Existing NVS interfaces allow the customer to access an NVS graphical interface to view fault management, on-demand statistics and performance reports on their Fast Packet (i.e., Exchange Access Frame Relay Service and Exchange Access ATM Service) network for monitoring and troubleshooting purposes. As an alternative to the information provided by the BellSouth NVS graphical interface, the new Remote Message Interface will allow a customer to access and gather the raw data underlying the NVS fault management, on-demand statistics and performance reports; with this raw data, the customer may develop their own reports and graphical representations of network performance.

**Service Level Agreements (SLA) on network performance for Exchange Access Frame Relay Service (XAFRS) and Exchange Access ATM Service (XAATMS):** Service Level Agreements for specific aspects of network performance are being introduced for XAFRS in Section E21.1 and for XAATMS in Section E21.3. SLAs are being made available for customer networks with a minimum of ten XAFRS/XAATMS Network Interfaces that also subscribe to BellSouth Network Visibility Service (NVS). NVS is the primary monitoring and reporting tool used for determining performance results and missed commitments. SLA credits are provided for missed commitments as set forth in these services' tariffs.

**Fast Packet Services Payment Plan (FPSPP):** This tariff filing will additionally relax an existing Fast Packet Service Payment Plan regulation in Section E2 of the Access Services Tariff that is applicable to Section E21 services under contract. A current FPSPP stipulation is that the completed service period of an FPSPP arrangement be the greater of 12 months or 25% of the contract period length as a condition for termination liability to not be applicable when the customer desires to disconnect to change to another service. This regulation is being relaxed such that the completed service period shall only have to be a minimum of six (6) months.

**Miscellaneous Text Changes in Section E21:** Several miscellaneous text changes are also included for Section E21 in this filing to provide additional clarity.

## **Customer Effects**

The Fast Packet Access Service features proposed in this filing were introduced in the BellSouth F.C.C. No. 1 Tariff in 2004 for interstate Fast Packet Access Services. The overall demand for basic intrastate Fast Packet Access Service is very low. It is not anticipated that there will be any demand for these features in the intrastate Access Service Tariff; however, these new service features are being introduced to provide parity between the comparable interstate and intrastate offerings and meet any un-forecasted customer needs for these features in the future.

## **Revenue/Cost Impact**

The revenue for this service will cover its cost.

## E2. GENERAL REGULATIONS

(T)

### E2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### E2.4.9 Optional Payment Plan (Cont'd)

##### B. Fast Packet Services Payment Plan (Cont'd)

##### 4. Disconnects (Cont'd)

- b. When a tariffed service under a Fast Packet SPP arrangement is disconnected prior to the expiration of a selected service period as a result of a customer requested change at the same location to either another speed of the same tariffed service or to another Fast Packet Access Service under an Optional Payment Plan, termination liability charges will not apply when:

(M)

(N)

- (1) The completed service period is ~~12 months, or 25% of the length of the originally selected Fast Packet SPP service period, whichever is greater~~ **a minimum of six (6) months**, and
- (2) The service period of the new Optional Payment Plan arrangement for the newly selected service is equal to or longer than the remaining service period of the disconnected arrangement, and
- (3) The newly selected service is a transmission speed that is either higher than the old service, or is a transmission speed that is the next lower transmission speed from the old service, and
- (4) The service orders to install the newly selected service and disconnect the old service are related together and received by the Telephone Company at the same time, and there is no lapse in service between installation of the newly selected service and disconnection of the existing service.

(C)(N)

(N)

(N)

(N)

Nonrecurring charges apply for the installation of the newly requested service. Termination liability charges may apply for changes to associated Special Access Services under an Optional Payment Plan as set forth in tariffs regulating those services.

(N)

##### 5. Moves of Service Under Fast Packet SPP

- a. Termination Liability Charges will not apply to customer requests for moves of service under Fast Packet SPP from one location to another location subject to the following:

- (1) The original and new premises locations must be in Company territory within the same state.
- (2) The move from the original location to the new location must be completed within thirty days of the original premises disconnect date.
- (3) No lapse in billing will occur for moves of service under Fast Packet SPP.
- (4) Orders to disconnect the existing service and re-establish it at the new location must be related together and received by the Company at the same time.
- (5) Any rate elements (i.e., Network Interfaces) from the original location that are not re-established at the new location will be subject to applicable Termination Liability Charges.
- (6) Any additions made at the new location will be treated as coterminous additions in accordance with E2.4.9.B.3. preceding.
- (7) All regulations and charges for changes made to the service coincident to that move shall apply.
- (8) Moves of service that involve a change of jurisdiction (e.g., interstate to intrastate) will not be treated as a disconnect of service with regard to Termination Liability Charge application. The customer must subscribe to a payment arrangement offered in the appropriate intrastate tariff which is equal to or greater than the remaining contract period.

##### 6. Requests for Changes in Length of Optional Payment Period

- a. Subsequent to the establishment of a Fast Packet SPP arrangement and prior to the completion of the selected service period for that arrangement, the Fast Packet SPP arrangement may be replaced by a new Fast Packet SPP arrangement at rates and charges in effect on the first day of service under the new Fast Packet SPP arrangement, subject to the following conditions:

- (1) No credit will be given for payments made under the original Fast Packet SPP arrangement except for credits allowed in E2.4.9.A. following.
- (2) The service period selected for the new Fast Packet SPP arrangement begins on the new Fast Packet SPP effective date but not later than the expiration date of the Fast Packet SPP being replaced.
- (3) Nonrecurring charges will not be reapplied for existing services.

Material previously appearing on this page now appears on page(s) 42 of this section.

## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service)

#### E21.1.1 Service Description

- A. Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay service) is a connection oriented packet-switched data service allowing for the interconnection of local area networks (LANs) or other compatible customer equipment. This service provides efficient throughput at various transmission speeds.

XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) allows for the transfer of variable length frames (packets). Frames are relayed by virtual connections; frames travel a fixed path through the network although bandwidth is not dedicated to each virtual connection.

This service uses Permanent Virtual Circuit (PVCs). A PVC is a logical channel from one XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) network interface to another XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) network interface. PVCs are end-to-end, bi-directional channels that are established either by the Company via the service provisioning process or by the customer using optional Customer Configuration Management Capability described in E21.1.2.A.2.c. following. (C)

The XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) standard specifies an address field called the Data Link Connection Identifier (DLCI). The DLCI specifies a connection. *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 PVCs.* (E)

XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) is comprised of a network interface component plus optional features. Connection to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) network interfaces may be accomplished through dedicated access. For intrastate dedicated access, rates, charges, and regulations for Special Access (a.k.a. BellSouth SPA) service are specified in Section E7. ~~preceding of this Tariff.~~ Only non-channelized bandwidth may terminate on an XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) network interface. (D)

There are two network interfaces available - a User Network Interface (UNI) and a Network-to-Network Interface (NNI).

The User Network Interface (UNI) is a standard interface used to connect the customer to the XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) network. It 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. The UNI is offered at transmission speeds of 56 Kbps, 64 Kbps, 1.536 Mbps, and 44.210 Mbps.

The Network-to-Network Interface (NNI) specifies how an XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) switch sends and receives data from another provider's Frame Relay switch. The NNI is offered at transmission speeds of 56 Kbps, 64 Kbps, 1.536 Mbps and 44.210 Mbps.

#### B. Technical Specifications

The provision of Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay service) requires the applicable network interface component. In addition, the customers may add optional features. Each of the components of the service are described in this Section.

All services installed after the effective date of this Tariff will conform to the transmission specification standards in the following references:

UNI Specifications for XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) are:

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, and ANSI T1.618-1991, "Integrated Services Digital Network (ISDN) - Core Aspects of Frame Relay Bearer Service", American National Standards Institute. This document is available from the American National Standards Institute, 11 West 42nd Street, New York, N.Y. 10036.

All UNI access facilities must be in conformance with ANSI standards T1.617-1991, T1.618-1991. These documents are available from the American National Standards Institute, 11 West 42nd Street, New York, New York 10036. (M)

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BY: Joseph P. Lacher, President -FL  
Miami, Florida

~~November 14, 2000~~

## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd) (T)

#### E21.1.1 Service Description (Cont'd)

##### B. Technical Specifications (Cont'd)

Document No. 001-208966, "Frame Relay Specification with Extension Based on Proposed T1S1 Standards", Digital equipment Corporation, Northern Telecom, Inc., and StrataCom, Inc. This document is available from *the* Frame Relay Forum, **39355 California Street, Suite 307, Fremont, CA 94538.** (F)

NNI Specifications for XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) are:

Frame Relay Forum Document FRF.2, Frame Relay Network-to-Network Phase 1 Implementation Agreement. This document is available from *the* Frame Relay Forum, **39355 California Street, Suite 307, Fremont, CA 94538.** (F)

~~All UNI access facilities must be in conformance with ANSI standards T1.617-1991, T1.618-1991. These documents are available from the American National Standards Institute, 11 West 42nd Street, New York, New York 10036.~~ (M)

All NNI access facilities must be in conformance with ANSI standards and *Telcordia* Technical Reference TS-TSV-001370. This document is available from *Telcordia Technologies, Direct Sales*, 8 Corporate Place, **PYA 3A-184**, Piscataway, N.J. 08854 (F)

Performance specifications and service details for XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) are provided in: (T)

BellSouth Technical Reference 73587, Frame Relay Service Interface and Performance Specifications. This document is available from BellSouth Telecommunications, Inc., Regional Documentation Coordinator, 20th Floor, 600 North 19th Street, Birmingham, AL 35203.

##### C. Interface Specifications

The following specifications are available with this service:

- Digital Packet (UNI)
- Digital Packet (NNI)

#### E21.1.2 Rate Categories

##### A. The following rate categories apply to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) :

###### 1. Network Interface

This rate category provides for the customer's termination on the Fast Packet switch. The Network Interface rate category includes the packet switching function.

###### 2. Optional Features

The Optional Features rate category provides for optional features which may be added to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) to improve its quality or utility to meet specific communications requirements.

###### a. DLCIs per UNI or NNI

This feature provides for the assignment of Data Link Channel Identifiers (DLCIs) per UNI or NNI. One DLCI is required per UNI or NNI. When any two DLCIs are mapped together, a PVC can be created. (F)

*One Initial DLCI is applicable when DLCIs are ordered at the same time as the installation of a UNI or NNI. Only one "Initial" DLCI (either one Initial Standard DLCI or one Initial Priority DLCI) is allowed per UNI or NNI. Additional DLCIs (beyond this initial DLCI) ordered with the installation of the UNI or NNI and any DLCIs ordered subsequent to the installation of the UNI or NNI are considered Additional DLCIs. A DLCI which is not a Priority DLCI, as discussed following, is referred to as a Standard DLCI.* (F)

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 network will give precedence to the frames of a Priority PVC over frames of a Standard PVC. XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) allows the creation of Priority PVCs. Such a Priority PVC is formed by the mapping of two Priority DLCIs (as set forth in E21.1.6.B.1. following); these Priority DLCIs must have an associated CIR value of greater than zero. A request to convert an existing Standard PVC to a Priority PVC (or vice versa) shall be considered as a request to disconnect the existing DLCIs and as a request to connect the new DLCIs. (T)(F)

Individual DLCI charges are not applicable to the standard configurable DLCIs provided within a Configurable DLCI Bundle associated with optional Customer Configuration Management Capability described in E21.1.2.A.2.c. following. Configurable DLCIs are considered as additional standard DLCIs. (N)

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

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.

## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

#### E21.1.2 Rate Categories (Cont'd)

A. The following rate categories apply to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service): (Cont'd)

2. Optional Features (Cont'd)

b. 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.~~ The CIR value selected cannot exceed the minimum transmission speed of the link of XAFRS Network Interface at either end of the PVC. (The Frame Relay network's burst capability and discard eligible feature are described in TR 73587.)

(C)

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

(N)

~~3. Feature Change Charge~~

~~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 within a single network configuration on a single switch. Although multiple changes may be caused by such actions, only one Feature Change Charge will apply.~~

(M)

~~4. Transfer of Service~~

~~When a change to the customer of record is requested, transfer of service charges, as set forth in E21.1.6.C. following will apply. Charges are applied on a Billing Account Number (BAN).~~

~~Administrative changes, as identified following, will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same entity. (i.e., customer remains responsible for all outstanding indebtedness for Access Service). Administrative changes are as follows:~~

~~a. Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name — e.g., AT&T Long Lines to AT&T Communications);~~

~~b. Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment;~~

~~c. Change in billing data (name, address, or contract name or telephone number. The customer of record does not change);~~

~~d. Change of customer circuit identification;~~

~~e. Change of billing account number;~~

~~f. Change of customer test line number;~~

~~g. Change of customer or customer's end user contact name or telephone number, and~~

~~h. Change of jurisdiction.~~

~~All other service arrangements, including physical changes to existing services, will be charged as follows:~~

~~If the change involves the addition of an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.~~

Material previously appearing on this page now appears on page(s) 3.3 of this section.

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.

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BY: Joseph P. Lacher, President -FL  
Miami, Florida

## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

#### E21.1.2 Rate Categories (Cont'd)

A. The following rate categories apply to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service): (Cont'd)

2. Optional Features (Cont'd)

c. Customer Configuration Management Capability (N)

Configuration Management Capability is optionally available for an XAFRS customer to have the ability to add, change and delete PVCs for their XAFRS Network Interface themselves, without utilizing the standard ordering/provisioning process to request the Company to perform these functions. PVCs created thru the standard ordering/provisioning process by the Company are standard non-configurable PVCs and cannot be modified by the customer as described herein thru Customer Configuration Management Capability; the customer is billed the preceding DLCI and CIR rates and charges for standard non-configurable PVCs. PVCs created thru Customer Configuration Management Capability are referred to as configurable PVCs and may be created and modified by the customer as described herein; the customer is billed the charges described following for such configurable PVCs. A customer may choose to utilize one or both of these methods for establishing PVCs on a given XAFRS Network Interface. (N)

Customer Configuration Management Capability is available only for XAFRS Network Interfaces equipped with Network Visibility Service (NVS) and is available only for the customer to add, modify or delete configurable PVCs formed between similarly equipped Frame Relay service with NVS and Customer Configuration Management Capability. (N)

Customer Configuration Management Capability is established via the standard ordering/provisioning process on a per XAFRS Network Interface basis when a minimum of one Configurable DLCI Bundle is ordered. (N)

DLCIs in a Configurable DLCI Bundle will be referred to as configurable DLCIs. Two configurable DLCIs mapped thru Customer Configuration Management Capability form a configurable PVC. (N)

To utilize Customer Configuration Management Capability, each XAFRS Network Interface must have a minimum of one Configurable DLCI Bundle ordered by the customer. More than one Configurable DLCI Bundle may be ordered for a specific XAFRS Network Interface to establish the block, or total quantity, of configurable DLCIs available for that XAFRS Network Interface. The block of configurable DLCIs established are only for the use of that single XAFRS Network Interface may not be "shared" with other XAFRS Network Interfaces. (N)

A monthly rate applies for each Configurable DLCI Bundle ordered and the rate varies based upon the quantity of configurable DLCIs included in each bundle. Each Configurable DLCI Bundle provides a specific quantity of standard configurable DLCIs, each with a maximum CIR of up to 64 Kbps per configurable DLCI. Customers will order the quantity and size bundles that will provide the total quantity or block of configurable DLCIs needed for an XAFRS Network Interface. The configurable DLCI block quantity is then the customer-established limit of the number of configurable DLCIs which the customer may manage on a specific XAFRS Network Interface. The block of configurable DLCIs selected for an XAFRS Network Interface may be increased or decreased as the customer's needs change. The Configurable DLCI Block Establishment/Change Charge is the nonrecurring charge applicable for initially ordering and provisioning the Configurable DLCI Bundle(s) to establish the configurable DLCI block and for making a subsequent request to change the block size (i.e., add or delete bundles). (N)

The Configurable DLCI Block Establishment/Change Charge is a nonrecurring charge applicable to initially establish the block of configurable DLCIs for an XAFRS Network Interface. This charge is also applicable per subsequent request to change the size of the configurable DLCI block. Only one such nonrecurring charge applies per request regardless of how many Configurable DLCI Bundles are requested to initially establish the block or are requested subsequently to be added or deleted. (N)

With Customer Configuration Management Capability the customer will have the capability to add, change and/or delete configurable PVCs formed by the mapping of two configurable DLCIs. A PVC cannot be established between a configurable DLCI and a non-configurable DLCI thru either Customer Configuration Management Capability or thru the standard ordering/provisioning process. Customer Configuration Management Capability cannot be utilized to make changes to a non-configurable PVC, and the standard ordering/provisioning process cannot be utilized to create, modify or delete a configurable PVC. (N)

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## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

#### E21.1.2 Rate Categories (Cont'd)

A. The following rate categories apply to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service): (Cont'd)

2. Optional Features (Cont'd)

c. Customer Configuration Management Capability (Cont'd)

(N)

As a current technical limitation Customer Configuration Management Capability cannot be utilized for Priority PVCs. Therefore, requests for such PVCs will have to be made thru the standard ordering/provisioning process for the Company to provision and will be subject to the preceding standard rates and charges for such features.

(N)

Customer Configuration Management Capability may only be utilized to create configurable PVCs between two Frame Relay services equipped with NVS and Customer Configuration Management Capability within the same LATA.

(N)

A customer may request that some or all of the standard DLCIs associated with an existing XAFRS Network Interface with Customer Configuration Management Capability be converted to Configurable DLCIs. Only standard DLCIs that are mapped to other Network Interfaces also equipped for Customer Configuration Management can be converted (subject to any limitations set forth herein on what types of PVCs are technically compatible with Customer Configuration Management Capability). The DLCI Conversion Charge is the nonrecurring charge applicable per standard DLCI requested to be converted to a configurable DLCI. Once converted to a configurable DLCI, that DLCI will be counted against the XAFRS Network Interface configurable DLCI block quantity; monthly rates for the standard DLCI and associated CIR will concurrently no longer apply.

(N)

A customer may request that some or all of the configurable DLCIs associated with an existing XAFRS Network Interface with Customer Configuration Management Capability be converted to standard DLCIs which the customer will no longer manage. Such requests will convert the configurable DLCI "as is" to a standard DLCI (i.e., standard additional DLCI with same CIR value). The DLCI Conversion Charge is the nonrecurring charge applicable per configurable DLCI requested to be converted to a standard DLCI. Once converted to a standard DLCI, that DLCI (and associated CIR) will begin billing the standard DLCI and CIR monthly rates and will concurrently no longer count against the configurable DLCI block quantity for that XAFRS Network Interface.

(N)

After the customer has established Customer Configuration Management Capability (by ordering Configurable DLCI Bundles to establish the configurable DLCI block for each XAFRS Network Interface) for their network, the customer will have access thru the NVS system to mechanically add, change and delete configurable PVCs between these XAFRS Network Interfaces.

(N)

A Customer Configuration Management service request is made thru NVS for a specific PVC activity (e.g., add configurable PVC, change CIR or endpoint on an existing configurable PVC, delete configurable PVC, etc.) involving Frame Relay services equipped with NVS and Customer Configuration Management Capability. Each Customer Configuration Management service request will be assigned a service request number to facilitate customer questions and to enable status and tracking.

(N)

A Customer Configuration Management service request will be provisioned within minutes; however a Cancellation Window of two hours is allowed after successful provisioning during which time the customer may submit a request thru NVS to cancel or "undo" the request before the change becomes permanent. The customer may specifically request to forgo (close) the Cancellation Window during which a particular service request may be cancelled and commit that NVS make the service request provisioning become permanent immediately. When the Cancellation Window expires without the customer canceling the service request or the customer foregoes/closes the Cancellation Window, the provisioned service request is made permanent and considered a completed transaction.

(N)

Customer Configuration Management Capability effectively provides the customer near real-time processing capability to allow them to manage the provisioning and change activities for configurable PVCs within their network. However, access to Customer Configuration Management Capability is not guaranteed for customer access and use twenty-four hours a day/seven days a week. Customer access may be periodically preempted for higher priority Company network management and maintenance activities. Customer inability to access the NVS/Customer Configuration Management systems during these periods will not be considered a service outage.

(N)

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Miami, Florida

## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

#### E21.1.2 Rate Categories (Cont'd)

A. The following rate categories apply to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service): (Cont'd)

3. Feature Change Charge

(M)

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 within a single network configuration on a single switch. Although multiple changes may be caused by such actions, only one Feature Change Charge will apply.

(M)

4. Transfer of Service

(M)

When a change to the customer of record is requested, transfer of service charges, as set forth in E21.1.6.C. following will apply. Charges are applied on a Billing Account Number (BAN).

(M)

Administrative changes, as identified following, will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same entity. (i.e., customer remains responsible for all outstanding indebtedness for Access Service). Administrative changes are as follows:

(M)

a. Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name -- e.g., AT&T-Long Lines to AT&T-Communications).

(M)

b. Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment.

(M)

c. Change in billing data (name, address, or contract name or telephone number. The customer of record does not change).

(M)

d. Change of customer circuit identification.

(M)

e. Change of billing account number.

(M)

f. Change of customer test line number.

(M)

g. Change of customer or customer's end user contact name or telephone number, and

(M)

h. Change of jurisdiction.

(M)

All other service arrangements, including physical changes to existing services, will be charged as follows:

(M)

If the change involves the addition of an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.

(M)

Material appearing on this page previously appeared on page(s) 3 of this section.

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Miami, Florida

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## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

#### E21.1.5 Rate Regulations (Cont'd)

##### F. Transfer of Service

When a change in billing data (e.g., name, address, contract name, or telephone number) is requested in association with a change in the customer's record, transfer of service charges, as set forth in E21.1.6.C. following will apply. Charges are applied on a Billing Account Number (BAN).

##### G. Maintenance

In order to maintain the quality of XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service), the Company reserves the right to perform preventive maintenance and software updates to the network. This could result in XAFRS (a.k.a. BellSouth Exchange Access 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.

#### E21.1.6 Rates and Charges

(M)

##### A. Network Interface

###### 1. Per UNI

	Nonrecurring Charge	Month To Month	A— 12 to 24 Mos. Plan	B— 25 to 48 Mos. Plan	USOC
(a) 56 Kbps	\$300.00	\$62.00	\$49.00	\$44.00	XAFU5
(b) 64 Kbps	300.00	70.00	56.00	50.00	XAFU6
(c) 1.536 Mbps	410.00	294.00	234.00	210.00	XAFU1
(d) 44.210 Mbps	1,050.00	2,426.00	1,920.00	1,795.00	XAFU4

###### 2. Per NNH

(a) 56 Kbps	300.00	62.00	49.00	44.00	XAFN5
(b) 64 Kbps	300.00	70.00	56.00	50.00	XAFN6
(c) 1.536 Mbps	410.00	294.00	234.00	210.00	XAFN1
(d) 44.210 Mbps	1,050.00	2,426.00	1,920.00	1,795.00	XAFN4

##### B. Optional Features

###### 1. DLCI

	Nonrecurring Charge	Monthly Rate	USOC
(a) Initial Standard DLCI <sup>1</sup>	\$-	\$-	XAFD1
(b) Additional Standard DLCI	70.00	1.50	XAFD2 (†)
(c) Initial Priority DLCI <sup>1,2</sup>	-	5.00	XAFP1
(d) Additional Priority DLCI <sup>2</sup>	70.00	5.00	XAFP2

###### 2. Committed Information Rate (CIR) (Per DLCI) cannot exceed the minimum transmission speed of the link at either end of the PVC.

(a) 0 Bps	-	-	XAFCA
(b) 1 thru 32 Kbps	-	6.30	XAFCB (R)
(c) 33 thru 56 Kbps	-	10.80	XAFCC (R)

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

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

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## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

#### E21.1.5 Rate Regulations (Cont'd)

##### H. Service Level Agreements

Service Level Agreements (SLAs) provide the Company's service level commitments for specific aspects of its Frame Relay network's performance. SLAs are only provided for customers with at least ten Frame Relay UNIs and or NNIs. Such customers must also subscribe to Network Visibility Service (specifically NVS Fault Management, On Demand Statistics and Performance Reports) which is the primary monitoring and reporting tool used for determining performance results and missed commitments.

SLA commitments only apply for service wholly within Company territory; SLA commitments will not apply for service which is part of a jointly provided service.

1. SLA commitments are provided for Network Availability, Network Transit Delay and Frame Delivery Rate.

2. SLA credits are provided for missed commitments, except as specified otherwise in 3. and 4. following. An SLA report is provided through the NVS system that provides details of missed commitments upon which credits will be issued; the SLA report is available on a calendar month basis. Credits are automatically issued based upon the end-of-month SLA report; such credits shall only be issued once a month. The Company's calculation of its performance through the NVS system shall be the sole determinate of the Company's obligation to provide a credit for a missed performance commitment as set forth in this tariff.

3. SLA credits for missed commitments do not apply when any commitment is not met because the Company does not have control over the circumstances causing the commitment to be missed. Situations over which the Company does not have control can be defined as, but not limited to the following:

a. 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,

b. labor difficulties, governmental orders, civil commotions, acts of civil or military authority, embargoes, epidemics, declared National Emergencies, criminal actions against the Company, war, terrorist acts, riots, insurrections, fires, explosions, nuclear accidents, power blackouts, acts of God (including, but not limited to, earthquakes, floods or unusually severe weather conditions) or other circumstances beyond the Company's control,

c. the customer's premises equipment,

d. unavailability of the customer's facilities and/or equipment, and

e. customer oversubscription of the UNI/NNI beyond 200% (i.e., the sum of the total CIR of all PVCs carried by any UNI or NNI may not be greater than 200% of the UNI/NNI Network Interface speed).

4. SLA credits for missed commitments do not apply for situations when the customer's service is out of operation as a result of scheduled maintenance windows as set forth in E21.1.5.G. preceding. Time from such maintenance activity does not count towards the time a service is considered as unavailable during a calendar month for purposes of measuring for the Network Availability SLA.

5. SLA Commitments

SLA commitments for the specific aspects of the Frame Relay network's performance set forth in 1. preceding are measured on a specific calendar month basis. The specific network performance commitments provided and how their performance is measured through the NVS system for a calendar month are as follows:

Network Availability Commitment: 99.9%

The Network Availability commitment is provided on the customer's total Frame Relay network. Network Availability will measure the percentage of time during a calendar month that the customer's Frame Relay network is available.

Network availability will be measured through the NVS system for the customer's total Frame Relay network and for each individual Frame Relay UNI/NNI for a whole calendar month.

For the purpose of measuring Network Availability, times during which a Frame Relay UNI/NNI is out of operation in association with maintenance windows (as set forth in E21.1.5.G. preceding) and in association with situations over which the Company does not have control (as set forth in E21.1.5.H.3. preceding) are counted as "available" time.

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Miami, Florida

## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

#### E21.1.5 Rate Regulations (Cont'd)

##### H. Service Level Agreements (Cont'd)

##### 5. SLA Commitments (Cont'd)

SLA commitments for the specific aspects of the Frame Relay network's performance set forth in I. preceding are measured on a specific calendar month basis. The specific network performance commitments provided and how their performance is measured through the NVS system for a calendar month are as follows: (Cont'd)

Network Availability Commitment: 99.9% (Cont'd)

Total Frame Relay Network - Network Availability: Network Availability for the customer's total network is calculated by subtracting the total unavailable time for all the Frame Relay UNI/NNIs in a specific total calendar month, from the total available time for all the Frame Relay UNI/NNIs in that specific total calendar month, and then dividing the difference by the total available time for all the Frame Relay UNI/NNIs in that specific total calendar month. If the resulting percentage is less than 99.9%, the commitment for Network Availability has been missed; the Network Availability SLA Credit will then be issued on any Frame Relay UNI/NNI whose specific individual Network Availability measurement is below 99.9%.

Individual Frame Relay UNI/NNI - Network Availability: Network Availability for an individual Frame Relay UNI/NNI is calculated by first subtracting the unavailable time from the total available time for a specific calendar month, and then dividing it by the total available time for that specific calendar month. If the Network Availability SLA commitment was missed on the customer's total network and the resulting percentage for a specific individual Frame Relay UNI/NNI is less than 99.9%, the Network Availability SLA Credit set forth in E21.1.5.H.6. following will then be issued on that specific individual Frame Relay UNI/NNI.

Network Transit Delay commitment: 60 milliseconds, one-way

The Network Transit Delay commitment is provided for each individual PVC within the customer's Frame Relay network.

Through the NVS System, Network Transit Delay will measure the average one-way transit time of a specific PVC's frames through the network within a specific calendar month. The transit time for each frame transmitted is measured from the originating Frame Relay UNI/NNI to the terminating Frame Relay UNI/NNI. The measurement for the Network Transit Delay commitment is the average transit time of a frame for a PVC, based upon all the frames transmitted for that PVC during that specific calendar month.

The average monthly Network Transit Delay for a PVC will be determined by dividing the sum of the actual transit time of each frame sent via the PVC that month by the total frames transmitted in that specific calendar month. If the resulting average transit time per frame for that PVC is greater than 60 milliseconds (one-way), the commitment has been missed for that PVC and the Network Transit Delay SLA Credit set forth in E21.1.5.H.6. following will then be issued on this Frame Relay PVC.

Frame Delivery Rate Commitment: 99.9%

The Frame Delivery Rate commitment is provided for each Frame Relay PVC that has a CIR of greater than 32 Kbps.

Through the NVS System, Frame Delivery Rate will measure the percentage of frames successfully delivered for a PVC. The Frame Delivery Rate measures the quantity of frames transmitted versus quantity of frames received during a specific calendar month between the two Frame Relay UNI/NNI's forming the PVC (i.e., the difference in frames transmitted versus received are considered "dropped").

The monthly Frame Delivery Rate for a qualifying PVC in a specific calendar month is determined by subtracting the total frames dropped from the total frames transmitted, divided by the total frames transmitted. If the resulting percentage representing the percent of frames delivered for that PVC is less than 99.9%, this commitment has been missed and the Frame Delivery Rate SLA Credit set forth in E21.1.5.H.6. following will then be issued on this Frame Relay PVC.

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Miami, Florida

## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

#### E21.1.5 Rate Regulations (Cont'd)

##### H. Service Level Agreements (Cont'd)

##### 6. Credits for Missed SLA Commitments

The following credits are provided for SLA performance commitments missed during a calendar month subject to the conditions outlined herein E21.1.5.H.

Total SLA credits issued for an individual Frame Relay UNI/NNI in a specific calendar month cannot exceed the total monthly recurring charges billed for that Frame Relay UNI/NNI (i.e., cannot exceed the sum of the monthly billing for the XAFRS Network Interface rate element plus any rate elements for features).

##### Network Availability SLA Credit:

This credit is appropriate when the Network Availability commitment for the customer's total network is missed; this credit is then applied per individual Frame Relay UNI/NNI that does not specifically meet the Network Availability commitment.

For each individual Frame Relay UNI/NNI not meeting this commitment for a specific calendar month, a credit equal to 1/30 of its monthly recurring charge for the XAFRS Network Interface rate element will be issued.

##### Network Transit Delay SLA Credit:

This credit is applied per individual Frame Relay PVC (i.e., a DLCI pair forming the PVC) that does not meet the Network Transit Delay commitment.

For each PVC not meeting this commitment for a specific calendar month, a credit equal to \$3.00 for the affected DLCI pair will be issued.

##### Frame Delivery Rate SLA Credit:

This credit is applied per individual Frame Relay PVC (i.e., a DLCI pair forming the PVC) that does not meet the Frame Delivery Rate commitment.

For each PVC not meeting this commitment for a specific calendar month, credits for the affected DLCI pair will be issued as follows:

. Recurring Charge Credit Per DLCI pair:           \$    3.00

##### . Recurring CIR Credit per DLCI pair:

<u>0 Bps CIR</u>	<u>\$    0.00</u>
<u>&gt; 0 - 32 Kbps CIR</u>	<u>6.30</u>
<u>&gt; 32 - 56 Kbps CIR</u>	<u>10.80</u>
<u>&gt; 56 - 64 Kbps CIR</u>	<u>11.70</u>
<u>&gt; 64 - 128 Kbps CIR</u>	<u>16.20</u>
<u>&gt; 128 - 256 Kbps CIR</u>	<u>21.60</u>
<u>&gt; 256 - 384 Kbps CIR</u>	<u>25.20</u>
<u>&gt; 384 - 512 Kbps CIR</u>	<u>28.80</u>
<u>&gt; 512 - 768 Kbps CIR</u>	<u>32.40</u>
<u>&gt; 768 Kbps - 1.536 Mbps CIR</u>	<u>41.25</u>
<u>&gt; 1.536 - 4 Mbps CIR</u>	<u>130.00</u>
<u>&gt; 4 - 10 Mbps CIR</u>	<u>325.00</u>
<u>&gt; 10 - 16 Mbps CIR</u>	<u>525.00</u>
<u>&gt; 16 - 34 Mbps CIR</u>	<u>1,100.00</u>
<u>&gt; 34 - 44.210 Mbps CIR</u>	<u>1,500.00</u>

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Miami, Florida

**E21. FAST PACKET ACCESS SERVICE**

**E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)**

**E21.1.6 Rates and Charges**

**A. Network Interface**

**1. Per UNI**

	<u>Nonrecurring Charge</u>	<u>Month To Month</u>	<u>A</u> <u>12 to 24</u> <u>Mos. Plan</u>	<u>B</u> <u>25 to 48</u> <u>Mos. Plan</u>	<u>USOC</u>	
(a) 56 Kbps	<u>\$300.00</u>	<u>\$62.00</u>	<u>\$49.00</u>	<u>\$44.00</u>	<u>XAFU5</u>	(M)
(b) 64 Kbps	<u>300.00</u>	<u>70.00</u>	<u>56.00</u>	<u>50.00</u>	<u>XAFU6</u>	(M)
(c) 1.536 Mbps	<u>410.00</u>	<u>294.00</u>	<u>234.00</u>	<u>210.00</u>	<u>XAFU1</u>	(M)
(d) 44.210 Mbps	<u>1,050.00</u>	<u>2,426.00</u>	<u>1,920.00</u>	<u>1,795.00</u>	<u>XAFU4</u>	(M)
<b>2. Per NNI</b>						
(a) 56 Kbps	<u>300.00</u>	<u>62.00</u>	<u>49.00</u>	<u>44.00</u>	<u>XAFN5</u>	(M)
(b) 64 Kbps	<u>300.00</u>	<u>70.00</u>	<u>56.00</u>	<u>50.00</u>	<u>XAFN6</u>	(M)
(c) 1.536 Mbps	<u>410.00</u>	<u>294.00</u>	<u>234.00</u>	<u>210.00</u>	<u>XAFN1</u>	(M)
(d) 44.210 Mbps	<u>1,050.00</u>	<u>2,426.00</u>	<u>1,920.00</u>	<u>1,795.00</u>	<u>XAFN4</u>	(M)

**B. Optional Features**

**1. DLCI<sup>1</sup>**

	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>	
(a) Initial Standard DLCI <sup>2</sup>	<u>\$-</u>	<u>\$-</u>	<u>XAFD1</u>	(T)(M)
(b) Additional Standard DLCI	<u>70.00</u>	<u>1.50</u>	<u>XAFD2</u>	(+)(M)
(c) Initial Priority DLCI <sup>1,2,3</sup>	<u>:</u>	<u>5.00</u>	<u>XAFP1</u>	(T)(M)
(d) Additional Priority DLCI <sup>2,3</sup>	<u>70.00</u>	<u>5.00</u>	<u>XAFP2</u>	(T)(M)

**2. Committed Information Rate (CIR) (Per DLCI) cannot exceed the minimum transmission speed of the ~~link~~ XAFRS Network Interface at either end of the PVC.<sup>4</sup>**

(a) 0 Bps	<u>:</u>	<u>:</u>	<u>XAFCA</u>	(M)
(b) 1 thru 32 Kbps	<u>:</u>	<u>6.30</u>	<u>XAFCB</u>	(R)(M)
(c) 33 thru 56 Kbps	<u>:</u>	<u>10.80</u>	<u>XAFCC</u>	(R)(M)

**Note 1:** These DLCI charges are not applicable for configurable DLCIs provided as part of a Configurable DLCI Bundle associated with Customer Configuration Management Capability. (N)

**Note 2:** One "Initial" DLCI is applicable when DLCIs are ordered at the same time as the installation of the Network Interface. Only one Initial DLCI (either one Initial Standard DLCI or one Initial Priority DLCI) is allowed per Network Interface. All other DLCI are considered Additional DLCIs. (T)(M)

**Note 3:** A Priority DLCI must have CIR with a value greater than 0. (T)(M)

**Note 4:** These CIR Charges are not applicable for configurable DLCIs provided within a Configurable DLCI Bundle (which include CIR of up to 64 Kbps per configurable DLCI) associated with Customer Configuration Management Capability. (N)

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## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

#### E21.1.6 Rates and Charges (Cont'd)

##### B. Optional Features (Cont'd)

##### 2. (Cont'd)<sup>1</sup>

	Nonrecurring Charges	Monthly Rate	USOC	
(d) 57 thru 64 Kbps	\$-	\$11.70	XAFCD	(R)
(e) 65 thru 128 Kbps	-	16.20	XAFCG	(R)
(f) 129 thru 256 Kbps	-	21.60	XAFCH	(R)
(g) 257 thru 384 Kbps	-	25.20	XAFCH	(R)
(h) 385 thru 512 Kbps	-	28.80	XAFCK	(R)
(i) 513 thru 768 Kbps	-	32.40	XAFCL	(R)
(j) 769 Kbps thru 1.536 Mbps	-	41.25	XAFCM	(R)
(k) 1.537 thru 4 Mbps	-	130.00	XAFCP	(+)
(l) 5 thru 10 Mbps	-	325.00	XAFCC	(+)
(m) 11 thru 16 Mbps	-	525.00	XAFCR	(+)
(n) 17 thru 34 Mbps	-	1,100.00	XAFCT	(+)
(o) 35 thru 44.210 Mbps	-	1,500.00	XAFCU	(+)

3. Customer Configuration Management Capability - Rate elements following for Customer Configuration Management Capability are applicable for DLCIs and CIR associated with configurable PVCs provisioned by the customer; these rates and charges apply in lieu of those preceding for DLCI and CIR rate elements applicable for standard PVCs provisioned by the Company. (N)

(a) Configurable DLCI Bundles - Each bundle provides the specified quantity of configurable DLCIs, with up to 64 Kbps CIR per DLCI. Multiple bundles may be selected to secure the total quantity, or block, of configurable DLCIs for an XAFRS Network Interface. (N)

	Monthly Rate	USOC	
<u>- 2 DLCI Bundle</u>	<u>\$ 16.50</u>	<u>XAFKA</u>	(N)
<u>- 5 DLCI Bundle</u>	<u>41.00</u>	<u>XAFKB</u>	(N)
<u>- 15 DLCI Bundle</u>	<u>121.00</u>	<u>XAFKC</u>	(N)
<u>- 25 DLCI Bundle</u>	<u>197.00</u>	<u>XAFKD</u>	(N)
<u>- 35 DLCI Bundle</u>	<u>270.00</u>	<u>XAFKE</u>	(N)
<u>- 50 DLCI Bundle</u>	<u>373.00</u>	<u>XAFKF</u>	(N)
<u>- 100 DLCI Bundle</u>	<u>664.00</u>	<u>XAFKG</u>	(N)
<u>- 200 DLCI Bundle</u>	<u>1,162.00</u>	<u>XAFKH</u>	(N)
<u>- 300 DLCI Bundle</u>	<u>1,494.00</u>	<u>XAFKJ</u>	(N)
<u>- 400 DLCI Bundle</u>	<u>1,660.00</u>	<u>XAFKK</u>	(N)

(b) Configurable DLCI Block Establishment/Change Charge - This nonrecurring charge is applicable to initially establish the block of configurable DLCIs for an XAFRS Network Interface. This charge is also applicable per subsequent request to change the size of the block of configurable DLCIs. Only one such nonrecurring charge applies per request regardless of how many Configurable DLCI Bundles are requested to initially establish the block or are requested subsequently to be added or deleted. (N)

- Per Request 45.00 XAFKY (N)

(c) DLCI Conversion Charge - This nonrecurring charge is applicable per standard DLCI requested to be converted to a configurable DLCI and per configurable DLCI requested to be converted to a standard DLCI. (N)

- Per DLCI 16.00 XAFKZ (N)

##### C. Service Modification (M)

##### 1. Feature Change Charge

(a) Per Occurrence, Per Feature 50.00 - XAFFC (+)

##### 2. Transfer of Service

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BELLSOUTH  
TELECOMMUNICATIONS, INC.  
FLORIDA

ACCESS SERVICES TARIFF

~~Fifth~~ Sixth Revised Page 6  
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~~Fourth~~  
EFFECTIVE: March 9, 2005  
~~January 19, 2002~~

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BY: Joseph P. Lacher, President -FL  
Miami, Florida

(a) ~~Per Billing Account Number~~ 65.00 - XAFF

**E21.2 (DELETED)**

Note 1: These CIR Charges are not applicable for configurable DLCIs provided within a Configurable (N)  
DLCI Bundle (which include CIR of up to 64 Kbps per configurable DLCI) associated with  
Customer Configuration Management Capability.

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**E21. FAST PACKET ACCESS SERVICE**

**E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)**

**E21.1.6 Rates and Charges (Cont'd)**

**C. Service Modification**

**1. Feature Change Charge**

- (a) Per Occurrence, Per Feature
- 2. Transfer of Service
  - (a) Per Billing Account Number

<u>Nonrecurring Charges</u>	<u>Monthly Rate</u>	<u>USOC</u>	
<u>50.00</u>	:	<u>XAFC</u>	(M)
			<del>(M)</del>
<u>65.00</u>	:	<u>XATF</u>	(M)

**E21.2 (DELETED) (Cont'd)**

(T)~~(D)~~

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## E21. FAST PACKET ACCESS SERVICE

### E21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS) (Cont'd)

#### E21.3.5 Rate Regulations (Cont'd)

##### G. Service Level Agreements

Service Level Agreements (SLAs) provide the Company's service level commitments for specific aspects of its ATM network's performance. SLAs are only provided for customers with at least ten ATM UNIs. Such customers must also subscribe to Network Visibility Service (specifically NVS Fault Management, On Demand Statistics and Performance Reports) which is the primary monitoring and reporting tool used for determining performance results and missed commitments.

SLA commitments only apply for service wholly within Company territory; SLA commitments will not apply for service which is part of a jointly provided service.

1. SLA commitments are provided for Network Availability, Cell Delivery Rate and Cell Loss Ratio.

2. SLA credits are provided for missed commitments, except as specified otherwise in 3. and 4. following. An SLA report is provided through the NVS system that provides details of missed commitments upon which credits will be issued; the SLA report is available on a calendar month basis. Credits are automatically issued based upon the end-of-month SLA report; such credits shall only be issued once a month. The Company's calculation of its performance through the NVS system shall be the sole determinate of the Company's obligation to provide a credit for a missed performance commitment as set forth in this tariff.

3. SLA credits for missed commitments do not apply when any commitment is not met because the Company does not have control over the circumstances causing the commitment to be missed. Situations over which the Company does not have control can be defined as, but not limited to the following:

a. 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,

b. labor difficulties, governmental orders, civil commotions, acts of civil or military authority, embargoes, epidemics, declared National Emergencies, criminal actions against the Company, war, terrorist acts, riots, insurrections, fires, explosions, nuclear accidents, power blackouts, acts of God (including, but not limited to, earthquakes, floods or unusually severe weather conditions) or other circumstances beyond the Company's control,

c. the customer's premises equipment,

d. unavailability of the customer's facilities and/or equipment, and

e. customer oversubscription of the ATM UNI beyond 200%, calculated as the total VBR equivalent bandwidth on all PVCs carried by the ATM UNI (after the CBR bandwidth is subtracted) may not be greater than 200% of the ATM UNI Network Interface speed.

4. SLA credits for missed commitments do not apply for situations when the customer's service is out of operation as a result of scheduled maintenance windows as set forth in E21.3.5.F. preceding. Time from such maintenance activity does not count towards the time a service is considered as unavailable during a calendar month for purposes of measuring for the Network Availability SLA.

##### 5. Service Level Commitments

SLA commitments for the specific aspects of the ATM network's performance set forth in 1. preceding are measured on a specific calendar month basis. The specific network performance commitments provided and how their performance is measured through the NVS system for a calendar month are as follows:

Network Availability Commitment: 99.9%

The Network Availability commitment is provided on the customer's total ATM network. Network Availability will measure the percentage of time during a calendar month that the customer's ATM network is available.

Network availability will be measured through the NVS system for the customer's total ATM network and for each individual ATM UNI for a whole calendar month.

For the purpose of measuring Network Availability, times during which an ATM UNI is out of operation in association with maintenance windows (as set forth in E21.3.5.F. preceding) and in association with situations over which the Company does not have control (as set forth in E21.3.5.G.3. preceding) are counted as "available" time.

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BY: Joseph P. Lacher, President -FL  
Miami, Florida

## E21. FAST PACKET ACCESS SERVICE

### E21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS) (Cont'd)

#### E21.3.5 Rate Regulations (Cont'd)

##### G. Service Level Agreements (Cont'd)

##### 5. Service Level Commitments (Cont'd)

SLA commitments for the specific aspects of the ATM network's performance set forth in 1. preceding are measured on a specific calendar month basis. The specific network performance commitments provided and how their performance is measured through the NVS system for a calendar month are as follows: (Cont'd)

Network Availability Commitment: 99.9% (Cont'd)

Total ATM Network - Network Availability: Network Availability for the customer's total network is calculated by subtracting the total unavailable time for all the ATM UNIs in a specific total calendar month, from the total available time for all the ATM UNIs in that specific total calendar month, and then dividing the difference by the total available time for all the ATM UNIs in that specific total calendar month. If the resulting percentage is less than 99.9%, the commitment for Network Availability has been missed; the Network Availability SLA Credit will then be issued on any ATM UNI whose specific individual Network Availability measurement is below 99.9%.

Individual ATM UNI - Network Availability: Network Availability for an individual ATM UNI is calculated by first subtracting the unavailable time from the total available time for a specific calendar month, and then dividing it by the total available time for that specific calendar month. If the Network Availability SLA commitment was missed on the customer's total network and the resulting percentage for a specific individual ATM UNI is less than 99.9%, the Network Availability SLA Credit set forth in E21.3.5.G.6. following will then be issued on that specific individual ATM UNI.

Cell Delivery Rate Commitment: by PVC Category of Service

A Cell Delivery Rate commitment is provided on a per PVC basis for each ATM PVC with one of the following classes of service: CBR, VBR-RT and VBR-NRT. (A Cell Delivery Rate commitment is not provided for ATM PVCs with a UBR class of service).

The specific commitment for Cell Delivery Rate for a PVC with a CBR class of service is 99.99%.

The specific commitment for Cell Delivery Rate for a PVC with a VBR-RT class of service is 99.9%.

The specific commitment for Cell Delivery Rate for a PVC with a VBR-NRT class of service is 99.5%.

Through the NVS System, Cell Delivery Rate will measure the percentage of cells successfully delivered for a CBR or VBR PVC during a specific calendar month. The Cell Delivery Rate measures the quantity of cells received versus quantity of cells transmitted during a specific calendar month between the two ATM UNIs forming the PVC (i.e., the difference in cells transmitted versus received are considered "lost").

The monthly Cell Delivery Rate for a qualifying PVC in a specific calendar month is determined by subtracting the total cells lost from the total cells transmitted, divided by the total cells transmitted. If the resulting percentage representing the percent of cells delivered for that PVC is less than the specific commitment for that PVC class of service, this commitment has been missed and the Cell Delivery Rate SLA Credit set forth in E21.3.5.G.6. following will then be issued on this ATM PVC.

Cell Loss Ratio Commitment: 1%

A Cell Loss Ratio commitment is provided on a per PVC basis for every ATM PVC.

Through the NVS system, Cell Loss Ratio will measure the percentage of transmitted cells not delivered (or lost) for a PVC during a specific calendar month. The Cell Loss Ratio measures the quantity of cells lost versus the quantity of cells transmitted during a specific calendar month between the two ATM UNIs forming the PVC (i.e., the difference in cells transmitted versus received are considered "lost").

The monthly Cell Loss Ratio for a PVC in a specific calendar month is determined by dividing the quantity of cells lost (determined by subtracting the quantity of cells received from the quantity of cells transmitted) by the quantity of cells transmitted during that calendar month. If the resulting percentage representing the percent of cells lost for the PVC is greater than 1%, this commitment has been missed and the Cell Delivery Rate SLA Credit set forth in E21.3.5.G.6. following will then be issued on this ATM PVC based upon its category of service.

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Miami, Florida

## E21. FAST PACKET ACCESS SERVICE

### E21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS) (Cont'd)

#### E21.3.5 Rate Regulations (Cont'd)

##### G. Service Level Agreements (Cont'd)

##### 6. Credits for Missed SLA Commitments

The following credits are provided for SLA performance commitments missed during a calendar month subject to the conditions outlined herein E21.3.5.G.

Total SLA credits issued for an individual ATM UNI in a specific calendar month cannot exceed the total monthly recurring charges billed for that ATM UNI (i.e., cannot exceed the sum of the monthly billing for the XAATMS Network Interface rate element plus any rate elements for features).

##### Network Availability SLA Credit:

This credit is appropriate when the Network Availability commitment for the customer's total network is missed; this credit is then applied per individual ATM UNI that does not specifically meet the Network Availability commitment.

For each individual ATM UNI not meeting this commitment for a specific calendar month, a credit equal to 1/30 of its monthly recurring charge for the XAATMS Network Interface rate element will be issued.

##### Cell Delivery Rate SLA Credit:

This credit is applied per individual ATM PVC (i.e., PVC Segment pair forming the PVC) that does not meet the Cell Delivery Rate commitment.

For each PVC not meeting this commitment for a specific calendar month, a credit equal to \$5.00 for each PVC Segment will be issued.

##### Cell Loss Ratio SLA Credit:

This credit is applied per individual ATM PVC (i.e., PVC Segment pair forming the PVC) that does not meet the Cell Loss Ratio commitment.

For each PVC not meeting this commitment for a specific calendar month, a credit equal to \$5.00 for each PVC Segment will be issued.

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~~December 21, 2002~~

## E21. FAST PACKET ACCESS SERVICE

### E21.4 Reserved For Future Use

(N)

### E21.5 Reserved For Future Use

(N)

### E21.6 BellSouth Network Visibility Service

(N)

#### E21.6.1 General

(N)

- A. BellSouth Network Visibility Service (NVS) is available on an optional basis as a feature of Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) and BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS). (N)
- B. BellSouth NVS is a customer network management tool that provides customers a view into their BellSouth Fast Packet network for monitoring and trouble shooting purposes. The following BellSouth NVS options are available for XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) and BellSouth XAATMS: Fault Management, On Demand Statistics and Performance Reports. (N)
- C. BellSouth NVS 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). (N)
- D. Access to the BellSouth NVS graphical interface is via a Web interface; alternatively, a—A dial or dedicated method described in Section A32. of the General Subscriber Service Tariff may also be used to access the NVS graphical interface. Additionally, NVS may be accessed via a Remote Message Interface for the collection of raw data. 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 Management Access Interface access. (C)(N)
1. Web Interface - This interface allows customers to access the BellSouth NVS graphical interface via the Web using a standard Web browser. This type of access requires a Security Card. (T)(N)
    - a. Security Card – This card provides the customer a unique password identification code which will electronically change periodically. (N)

If the customer has purchased a Security Card in conjunction with another feature or service offered by BellSouth, that Security Card may also be used in conjunction with BellSouth NVS. It is the customer's responsibility to notify BellSouth of an existing Security Card so BellSouth can ensure that the card is validated for multiple features and/or services. (N)
  2. Dial or Dedicated Interface access to the BellSouth NVS graphical interface – See A32.1.2 of the General Subscriber Service Tariff. (T)(N)
  3. Remote Message Interface – This interface will allow SSH-IP connectivity to BellSouth NVS from other compatible Network Management systems for the collection of raw data. The customer must have SSH access to the NVS platform. Connectivity must be via a Frame Relay PVC to the Company network. Technical details and limitations on the Remote Message Interface can be found in BellSouth Technical Reference TR-73587. (N)
- E. The customer is responsible for providing and maintaining all terminal equipment necessary to access BellSouth NVS. (N)
- F. A customer may subscribe to BellSouth NVS on a monthly basis. An account is established which will include the XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) and BellSouth XAATMS Network Interfaces designated by the customer to have BellSouth NVS capability. Customers may choose to subscribe to BellSouth NVS for all Network Interfaces in their BellSouth Fast Packet network or choose BellSouth NVS for only a portion. (N)

## E21. FAST PACKET ACCESS SERVICE

### E21.6 BellSouth Network Visibility Service (Cont'd)

#### E21.6.3 Rate Categories

The following rate categories apply to BellSouth NVS:

**A. Service Establishment Charge**

The Service Establishment Charge is a nonrecurring charge which applies per XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) or BellSouth XAATMS customer account. If a customer is both a XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) and BellSouth XAATMS customer, only one Service Establishment Charge will apply. This charge covers the initial establishment and set-up of the customer account in the BellSouth NVS database. 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. Fault Management and On Demand Statistics**

A monthly charge applies for each Network Interface in the customer's network with BellSouth NVS capability. A nonrecurring charge is applicable per Network Interface at the time of installation.

**C. Fault Management, On Demand Statistics and Performance Reports**

A monthly charge applies for each Network Interface in the customer's network with BellSouth NVS capability. A nonrecurring charge is applicable per Network Interface at the time of installation.

**D. Subsequent Modification Charge**

The Subsequent Modification Charge is a nonrecurring charge which applies per Network Interface when a BellSouth NVS customer requests that existing BellSouth NVS Network Interfaces, or PVC's on the Network Interface, 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 BellSouth NVS Network Interface and BellSouth NVS is requested for the new PVC, or
- for a request to change a password.

**E. 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 and each Remote Message Interface; a nonrecurring charge is applicable per ~~web access~~ Web Interface and per Remote Message Interface at the time of installation. A Security Card described below is required for each web access. See A32.1.2 of the General Subscriber Service Tariff for a dial or dedicated access option.

- Security Card – The Security Card charge specified in E21.6.4 E. 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.

**E21. FAST PACKET ACCESS SERVICE**

**E21.6 BellSouth Network Visibility Service (Cont'd)**

**E21.6.4 Rates and Charges**

**A. Service Establishment Charge**

1. Per Customer

**Nonrecurring  
 Charge  
 \$250.00**

**USOC  
 NVSSE**

- (a) Each

**B. Fault Management and On Demand Statistics**

1. Per XAFRS Network Interface

**Nonrecurring  
 Charge**

**Monthly  
 Rate**

**USOC**

- (a) Per DS0

**\$75.00**

**\$12.00**

**NVSFO**

- (b) Per DS1

**75.00**

**12.00**

**NVSF1**

- (c) Per DS3

**75.00**

**12.00**

**NVSF3**

2. Per BellSouth XAATMS Network Interface

- (a) Per DS1

**75.00**

**12.00**

**NVSA1**

- (b) Per DS3

**75.00**

**12.00**

**NVSA3**

- (c) Per OC3

**75.00**

**12.00**

**NVSAC**

- (d) Per OC12

**75.00**

**12.00**

**NVSA2**

**C. Fault Management, On Demand Statistics and Performance Reports**

1. Per XAFRS Network Interface

- (a) Per DS0

**75.00**

**14.00**

**NVSR0**

- (b) Per DS1

**75.00**

**14.00**

**NVSR1**

- (c) Per DS3

**75.00**

**14.00**

**NVSR3**

2. Per BellSouth XAATMS Network Interface

- (a) Per DS1

**75.00**

**14.00**

**NVST1**

- (b) Per DS3

**75.00**

**14.00**

**NVST3**

- (c) Per OC3

**75.00**

**14.00**

**NVSTC**

- (d) Per OC12

**75.00**

**14.00**

**NVST2**

**D. Subsequent Modification Charge**

1. Per Network Interface

**Nonrecurring  
 Charge  
 \$70.00**

**USOC  
 NVSSM**

- (a) Each

**E. Management Access Interface<sup>1</sup>**

1. Web Interface

**Nonrecurring  
 Charge  
 \$125.00**

**Monthly  
 Rate  
 \$25.00**

**USOC  
 NVSW1**

- (a) Each

2. Remote Message Interface

- (a) Each

**\$125.00**

**\$25.00**

**NSVRM**

**F. Security Card**

1. Per Card

**Nonrecurring  
 Charge  
 \$100.00**

**USOC  
 NVSSC**

- (a) Each

**Note 1:** See A32.1.2 of the General Subscriber Service Tariff for a dial or dedicated access option.

## E21. FAST PACKET ACCESS SERVICE

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## E2. GENERAL REGULATIONS

### E2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### E2.4.9 Optional Payment Plan (Cont'd)

##### B. Fast Packet Services Payment Plan (Cont'd)

##### 4. Disconnects (Cont'd)

- b. When a tariffed service under a Fast Packet SPP arrangement is disconnected prior to the expiration of a selected service period as a result of a customer requested change at the same location to either another speed of the same tariffed service or to another Fast Packet Access Service under an Optional Payment Plan, termination liability charges will not apply when:

- (1) The completed service period is *a minimum of six (6) months*, and
- (2) The service period of the new Optional Payment Plan arrangement for the newly selected service is equal to or longer than the remaining service period of the disconnected arrangement, and
- (3) The newly selected service is a transmission speed that is either higher than the old service, or is a transmission speed that is the next lower transmission speed from the old service, and
- (4) The service orders to install the newly selected service and disconnect the old service are related together and received by the Telephone Company at the same time, and there is no lapse in service between installation of the newly selected service and disconnection of the existing service.

(C)

Nonrecurring charges apply for the installation of the newly requested service. Termination liability charges may apply for changes to associated Special Access Services under an Optional Payment Plan as set forth in tariffs regulating those services.

##### 5. Moves of Service Under Fast Packet SPP

- a. Termination Liability Charges will not apply to customer requests for moves of service under Fast Packet SPP from one location to another location subject to the following:

- (1) The original and new premises locations must be in Company territory within the same state.
- (2) The move from the original location to the new location must be completed within thirty days of the original premises disconnect date.
- (3) No lapse in billing will occur for moves of service under Fast Packet SPP.
- (4) Orders to disconnect the existing service and re-establish it at the new location must be related together and received by the Company at the same time.
- (5) Any rate elements (i.e., Network Interfaces) from the original location that are not re-established at the new location will be subject to applicable Termination Liability Charges.
- (6) Any additions made at the new location will be treated as coterminous additions in accordance with E2.4.9.B.3. preceding.
- (7) All regulations and charges for changes made to the service coincident to that move shall apply.
- (8) Moves of service that involve a change of jurisdiction (e.g., interstate to intrastate) will not be treated as a disconnect of service with regard to Termination Liability Charge application. The customer must subscribe to a payment arrangement offered in the appropriate intrastate tariff which is equal to or greater than the remaining contract period.

##### 6. Requests for Changes in Length of Optional Payment Period

- a. Subsequent to the establishment of a Fast Packet SPP arrangement and prior to the completion of the selected service period for that arrangement, the Fast Packet SPP arrangement may be replaced by a new Fast Packet SPP arrangement at rates and charges in effect on the first day of service under the new Fast Packet SPP arrangement, subject to the following conditions:

- (1) No credit will be given for payments made under the original Fast Packet SPP arrangement except for credits allowed in E2.4.9.9.A. following.
- (2) The service period selected for the new Fast Packet SPP arrangement begins on the new Fast Packet SPP effective date but not later than the expiration date of the Fast Packet SPP being replaced.
- (3) Nonrecurring charges will not be reapplied for existing services.

## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service)

#### E21.1.1 Service Description

- A. Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay service) is a connection oriented packet-switched data service allowing for the interconnection of local area networks (LANs) or other compatible customer equipment. This service provides efficient throughput at various transmission speeds.

XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) allows for the transfer of variable length frames (packets). Frames are relayed by virtual connections; frames travel a fixed path through the network although bandwidth is not dedicated to each virtual connection.

This service uses Permanent Virtual Circuit (PVCs). A PVC is a logical channel from one XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) network interface to another XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) network interface. PVCs are end-to-end, bi-directional channels that are established either *by the Company* via the service provisioning process *or by the customer using optional Customer Configuration Management Capability described in E21.1.2.A.2.c. following.* (C)

The XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) standard specifies an address field called the Data Link Connection Identifier (DLCI). The DLCI specifies a connection. 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 PVCs.

XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) is comprised of a network interface component plus optional features. Connection to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) network interfaces may be accomplished through dedicated access. For intrastate dedicated access, rates, charges, and regulations for Special Access (a.k.a. BellSouth SPA) service are specified in Section E7. *of this Tariff.* Only non-channelized bandwidth may terminate on an XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) network interface. (T)

There are two network interfaces available - a User Network Interface (UNI) and a Network-to-Network Interface (NNI).

The User Network Interface (UNI) is a standard interface used to connect the customer to the XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) network. It 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. The UNI is offered at transmission speeds of 56 Kbps, 64 Kbps, 1.536 Mbps, and 44.210 Mbps.

The Network-to-Network Interface (NNI) specifies how an XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) switch sends and receives data from another provider's Frame Relay switch. The NNI is offered at transmission speeds of 56 Kbps, 64 Kbps, 1.536 Mbps and 44.210 Mbps.

#### B. Technical Specifications

The provision of Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay service) requires the applicable network interface component. In addition, the customers may add optional features. Each of the components of the service are described in this Section.

All services installed after the effective date of this Tariff will conform to the transmission specification standards in the following references:

UNI Specifications for XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) are:

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, and ANSI T1.618-1991, "Integrated Services Digital Network (ISDN) - Core Aspects of Frame Relay Bearer Service", American National Standards Institute. This document is available from the American National Standards Institute, 11 West 42nd Street, New York, N.Y. 10036.

All UNI access facilities must be in conformance with ANSI standards T1.617-1991, T1.618-1991. These documents are available from the American National Standards Institute, 11 West 42nd Street, New York, New York 10036. (M)

## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd) (T)

#### E21.1.1 Service Description (Cont'd)

##### B. Technical Specifications (Cont'd)

Document No. 001-208966, "Frame Relay Specification with Extension Based on Proposed T1S1 Standards", Digital equipment Corporation, Northern Telecom, Inc., and StrataCom, Inc. This document is available from the Frame Relay Forum, 39355 California Street, Suite 307, Fremont, CA 94538.

NNI Specifications for XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) are:

Frame Relay Forum Document FRF.2, Frame Relay Network-to-Network Phase 1 Implementation Agreement. This document is available from the Frame Relay Forum, 39355 California Street, Suite 307, Fremont, CA 94538.

All NNI access facilities must be in conformance with ANSI standards and Telcordia Technical Reference TS-TSV-001370. This document is available from Telcordia Technologies, Direct Sales, 8 Corporate Place, PYA 3A-184, Piscataway, N.J. 08854 (M)

Performance specifications *and service details* for XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) are *provided in:* (T)

BellSouth Technical Reference 73587, Frame Relay Service Interface and Performance Specifications. This document is available from BellSouth Telecommunications, Inc., Regional Documentation Coordinator, 20th Floor, 600 North 19th Street, Birmingham, AL 35203.

##### C. Interface Specifications

The following specifications are available with this service:

Digital Packet (UNI)

Digital Packet (NNI)

#### E21.1.2 Rate Categories

##### A. The following rate categories apply to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) :

###### 1. Network Interface

This rate category provides for the customer's termination on the Fast Packet switch. The Network Interface rate category includes the packet switching function.

###### 2. Optional Features

The Optional Features rate category provides for optional features which may be added to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) to improve its quality or utility to meet specific communications requirements.

###### a. DLCIs per UNI or NNI

This feature provides for the assignment of Data Link Channel Identifiers (DLCIs) per UNI or NNI. One DLCI is required per UNI or NNI. When any two DLCIs are mapped together, a PVC can be created.

One Initial DLCI is applicable when DLCIs are ordered at the same time as the installation of a UNI or NNI. Only one "Initial" DLCI (either one Initial Standard DLCI or one Initial Priority DLCI) is allowed per UNI or NNI. Additional DLCIs (beyond this initial DLCI) ordered with the installation of the UNI or NNI and any DLCIs ordered subsequent to the installation of the UNI or NNI are considered Additional DLCIs. A DLCI which is not a Priority DLCI, as discussed following, is referred to as a Standard DLCI.

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 network will give precedence to the frames of a Priority PVC over frames of a Standard PVC. XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service) allows the creation of Priority PVCs. Such a Priority PVC is formed by the mapping of two Priority DLCIs (as set forth in E21.1.6.B.1. *following*); these Priority DLCIs must have an associated CIR value of greater than zero. A request to convert an existing Standard PVC to a Priority PVC (or vice versa) shall be considered as a request to disconnect the existing DLCIs and as a request to connect the new DLCIs. (T)

Individual DLCI charges are not applicable to the standard configurable DLCIs provided within a Configurable DLCI Bundle associated with optional Customer Configuration Management Capability described in E21.1.2.A.2.c. following. Configurable DLCIs are considered as additional standard DLCIs. (N)

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

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## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

#### E21.1.2 Rate Categories (Cont'd)

- A. The following rate categories apply to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service): (Cont'd)
2. Optional Features (Cont'd)
  - b. 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. The CIR value selected cannot exceed the minimum transmission speed of the *XAFRS Network Interface at* either end of the PVC. *(The Frame Relay network's burst capability and discard eligible feature are described in TR 73587.)* (C)

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

(M)

Material previously appearing on this page now appears on page(s) 3.3 of this section.

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## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

#### E21.1.2 Rate Categories (Cont'd)

A. The following rate categories apply to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service): (Cont'd)

2. Optional Features (Cont'd)

c. Customer Configuration Management Capability

(N)

Configuration Management Capability is optionally available for an XAFRS customer to have the ability to add, change and delete PVCs for their XAFRS Network Interface themselves, without utilizing the standard ordering/provisioning process to request the Company to perform these functions. PVCs created thru the standard ordering/provisioning process by the Company are standard non-configurable PVCs and cannot be modified by the customer as described herein thru Customer Configuration Management Capability; the customer is billed the preceding DLCI and CIR rates and charges for standard non-configurable PVCs. PVCs created thru Customer Configuration Management Capability are referred to as configurable PVCs and may be created and modified by the customer as described herein; the customer is billed the charges described following for such configurable PVCs. A customer may choose to utilize one or both of these methods for establishing PVCs on a given XAFRS Network Interface.

(N)

Customer Configuration Management Capability is available only for XAFRS Network Interfaces equipped with Network Visibility Service (NVS) and is available only for the customer to add, modify or delete configurable PVCs formed between similarly equipped Frame Relay service with NVS and Customer Configuration Management Capability.

(N)

Customer Configuration Management Capability is established via the standard ordering/provisioning process on a per XAFRS Network Interface basis when a minimum of one Configurable DLCI Bundle is ordered.

(N)

DLCIs in a Configurable DLCI Bundle will be referred to as configurable DLCIs. Two configurable DLCIs mapped thru Customer Configuration Management Capability form a configurable PVC.

(N)

To utilize Customer Configuration Management Capability, each XAFRS Network Interface must have a minimum of one Configurable DLCI Bundle ordered by the customer. More than one Configurable DLCI Bundle may be ordered for a specific XAFRS Network Interface to establish the block, or total quantity, of configurable DLCIs available for that XAFRS Network Interface. The block of configurable DLCIs established are only for the use of that single XAFRS Network Interface may not be "shared" with other XAFRS Network Interfaces.

(N)

A monthly rate applies for each Configurable DLCI Bundle ordered and the rate varies based upon the quantity of configurable DLCIs included in each bundle. Each Configurable DLCI Bundle provides a specific quantity of standard configurable DLCIs, each with a maximum CIR of up to 64 Kbps per configurable DLCI. Customers will order the quantity and size bundles that will provide the total quantity or block of configurable DLCIs needed for an XAFRS Network Interface. The configurable DLCI block quantity is then the customer-established limit of the number of configurable DLCIs which the customer may manage on a specific XAFRS Network Interface. The block of configurable DLCIs selected for an XAFRS Network Interface may be increased or decreased as the customer's needs change. The Configurable DLCI Block Establishment/Change Charge is the nonrecurring charge applicable for initially ordering and provisioning the Configurable DLCI Bundle(s) to establish the configurable DLCI block and for making a subsequent request to change the block size (i.e., add or delete bundles).

(N)

The Configurable DLCI Block Establishment/Change Charge is a nonrecurring charge applicable to initially establish the block of configurable DLCIs for an XAFRS Network Interface. This charge is also applicable per subsequent request to change the size of the configurable DLCI block. Only one such nonrecurring charge applies per request regardless of how many Configurable DLCI Bundles are requested to initially establish the block or are requested subsequently to be added or deleted.

(N)

With Customer Configuration Management Capability the customer will have the capability to add, change and/or delete configurable PVCs formed by the mapping of two configurable DLCIs. A PVC cannot be established between a configurable DLCI and a non-configurable DLCI thru either Customer Configuration Management Capability or thru the standard ordering/provisioning process. Customer Configuration Management Capability cannot be utilized to make changes to a non-configurable PVC, and the standard ordering/provisioning process cannot be utilized to create, modify or delete a configurable PVC.

(N)

## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

#### E21.1.2 Rate Categories (Cont'd)

A. The following rate categories apply to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service): (Cont'd)

2. Optional Features (Cont'd)

c. Customer Configuration Management Capability (Cont'd)

As a current technical limitation Customer Configuration Management Capability cannot be utilized for Priority PVCs. Therefore, requests for such PVCs will have to be made thru the standard ordering/provisioning process for the Company to provision and will be subject to the preceding standard rates and charges for such features. (N)

Customer Configuration Management Capability may only be utilized to create configurable PVCs between two Frame Relay services equipped with NVS and Customer Configuration Management Capability within the same LATA. (N)

A customer may request that some or all of the standard DLCIs associated with an existing XAFRS Network Interface with Customer Configuration Management Capability be converted to Configurable DLCIs. Only standard DLCIs that are mapped to other Network Interfaces also equipped for Customer Configuration Management can be converted (subject to any limitations set forth herein on what types of PVCs are technically compatible with Customer Configuration Management Capability). The DLCI Conversion Charge is the nonrecurring charge applicable per standard DLCI requested to be converted to a configurable DLCI. Once converted to a configurable DLCI, that DLCI will be counted against the XAFRS Network Interface configurable DLCI block quantity; monthly rates for the standard DLCI and associated CIR will concurrently no longer apply. (N)

A customer may request that some or all of the configurable DLCIs associated with an existing XAFRS Network Interface with Customer Configuration Management Capability be converted to standard DLCIs which the customer will no longer manage. Such requests will convert the configurable DLCI "as is" to a standard DLCI (i.e., standard additional DLCI with same CIR value). The DLCI Conversion Charge is the nonrecurring charge applicable per configurable DLCI requested to be converted to a standard DLCI. Once converted to a standard DLCI, that DLCI (and associated CIR) will begin billing the standard DLCI and CIR monthly rates and will concurrently no longer count against the configurable DLCI block quantity for that XAFRS Network Interface. (N)

After the customer has established Customer Configuration Management Capability (by ordering Configurable DLCI Bundles to establish the configurable DLCI block for each XAFRS Network Interface) for their network, the customer will have access thru the NVS system to mechanically add, change and delete configurable PVCs between these XAFRS Network Interfaces. (N)

A Customer Configuration Management service request is made thru NVS for a specific PVC activity (e.g., add configurable PVC, change CIR or endpoint on an existing configurable PVC, delete configurable PVC, etc.) involving Frame Relay services equipped with NVS and Customer Configuration Management Capability. Each Customer Configuration Management service request will be assigned a service request number to facilitate customer questions and to enable status and tracking. (N)

A Customer Configuration Management service request will be provisioned within minutes; however a Cancellation Window of two hours is allowed after successful provisioning during which time the customer may submit a request thru NVS to cancel or "undo" the request before the change becomes permanent. The customer may specifically request to forgo (close) the Cancellation Window during which a particular service request may be cancelled and commit that NVS make the service request provisioning become permanent immediately. When the Cancellation Window expires without the customer canceling the service request or the customer foregoes/closes the Cancellation Window, the provisioned service request is made permanent and considered a completed transaction. (N)

Customer Configuration Management Capability effectively provides the customer near real-time processing capability to allow them to manage the provisioning and change activities for configurable PVCs within their network. However, access to Customer Configuration Management Capability is not guaranteed for customer access and use twenty-four hours a day/seven days a week. Customer access may be periodically preempted for higher priority Company network management and maintenance activities. Customer inability to access the NVS/Customer Configuration Management systems during these periods will not be considered a service outage. (N)

## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

#### E21.1.2 Rate Categories (Cont'd)

- A. The following rate categories apply to XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service): (Cont'd)
3. Feature Change Charge (M)  
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 within a single network configuration on a single switch. Although multiple changes may be caused by such actions, only one Feature Change Charge will apply. (M)
  4. Transfer of Service (M)  
When a change to the customer of record is requested, transfer of service charges, as set forth in E21.1.6.C. following will apply. Charges are applied on a Billing Account Number (BAN). (M)  
Administrative changes, as identified following, will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same entity. (i.e., customer remains responsible for all outstanding indebtedness for Access Service). Administrative changes are as follows: (M)
    - a. Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name -- e.g., AT&T-Long Lines to AT&T-Communications), (M)
    - b. Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment, (M)
    - c. Change in billing data (name, address, or contract name or telephone number. The customer of record does not change), (M)
    - d. Change of customer circuit identification, (M)
    - e. Change of billing account number, (M)
    - f. Change of customer test line number, (M)
    - g. Change of customer or customer's end user contact name or telephone number, and (M)
    - h. Change of jurisdiction. (M)All other service arrangements, including physical changes to existing services, will be charged as follows: (M)  
If the change involves the addition of an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply. (M)

Material appearing on this page previously appeared on page(s) 3 of this section.

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## **E21. FAST PACKET ACCESS SERVICE**

### **E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)**

#### **E21.1.5 Rate Regulations (Cont'd)**

**F. Transfer of Service**

When a change in billing data (e.g., name, address, contract name, or telephone number) is requested in association with a change in the customer's record, transfer of service charges, as set forth in E21.1.6.C. following will apply. Charges are applied on a Billing Account Number (BAN).

**G. Maintenance**

In order to maintain the quality of XAFRS (a.k.a. BellSouth Exchange Access Frame Relay service), the Company reserves the right to perform preventive maintenance and software updates to the network. This could result in XAFRS (a.k.a. BellSouth Exchange Access 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.

(M)

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## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

#### E21.1.5 Rate Regulations (Cont'd)

##### H. Service Level Agreements

Service Level Agreements (SLAs) provide the Company's service level commitments for specific aspects of its Frame Relay network's performance. SLAs are only provided for customers with at least ten Frame Relay UNIs and or NNIs. Such customers must also subscribe to Network Visibility Service (specifically NVS Fault Management, On Demand Statistics and Performance Reports) which is the primary monitoring and reporting tool used for determining performance results and missed commitments. (N)

SLA commitments only apply for service wholly within Company territory; SLA commitments will not apply for service which is part of a jointly provided service. (N)

1. SLA commitments are provided for Network Availability, Network Transit Delay and Frame Delivery Rate. (N)
2. SLA credits are provided for missed commitments, except as specified otherwise in 3. and 4. following. An SLA report is provided through the NVS system that provides details of missed commitments upon which credits will be issued; the SLA report is available on a calendar month basis. Credits are automatically issued based upon the end-of-month SLA report; such credits shall only be issued once a month. The Company's calculation of its performance through the NVS system shall be the sole determinate of the Company's obligation to provide a credit for a missed performance commitment as set forth in this tariff. (N)
3. SLA credits for missed commitments do not apply when any commitment is not met because the Company does not have control over the circumstances causing the commitment to be missed. Situations over which the Company does not have control can be defined as, but not limited to the following: (N)
  - a. 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, (N)
  - b. labor difficulties, governmental orders, civil commotions, acts of civil or military authority, embargoes, epidemics, declared National Emergencies, criminal actions against the Company, war, terrorist acts, riots, insurrections, fires, explosions, nuclear accidents, power blackouts, acts of God (including, but not limited to, earthquakes, floods or unusually severe weather conditions) or other circumstances beyond the Company's control, (N)
  - c. the customer's premises equipment, (N)
  - d. unavailability of the customer's facilities and/or equipment, and (N)
  - e. customer oversubscription of the UNI/NNI beyond 200% (i.e., the sum of the total CIR of all PVCs carried by any UNI or NNI may not be greater than 200% of the UNI/NNI Network Interface speed). (N)
4. SLA credits for missed commitments do not apply for situations when the customer's service is out of operation as a result of scheduled maintenance windows as set forth in E21.1.5.G. preceding. Time from such maintenance activity does not count towards the time a service is considered as unavailable during a calendar month for purposes of measuring for the Network Availability SLA. (N)
5. SLA Commitments (N)

SLA commitments for the specific aspects of the Frame Relay network's performance set forth in 1. preceding are measured on a specific calendar month basis. The specific network performance commitments provided and how their performance is measured through the NVS system for a calendar month are as follows: (N)

Network Availability Commitment: 99.9% (N)

The Network Availability commitment is provided on the customer's total Frame Relay network. Network Availability will measure the percentage of time during a calendar month that the customer's Frame Relay network is available. (N)

Network availability will be measured through the NVS system for the customer's total Frame Relay network and for each individual Frame Relay UNI/NNI for a whole calendar month. (N)

For the purpose of measuring Network Availability, times during which a Frame Relay UNI/NNI is out of operation in association with maintenance windows (as set forth in E21.1.5.G. preceding) and in association with situations over which the Company does not have control (as set forth in E21.1.5.H.3. preceding) are counted as "available" time. (N)

## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

#### E21.1.5 Rate Regulations (Cont'd)

##### H. Service Level Agreements (Cont'd)

##### 5. SLA Commitments (Cont'd)

SLA commitments for the specific aspects of the Frame Relay network's performance set forth in 1. preceding are measured on a specific calendar month basis. The specific network performance commitments provided and how their performance is measured through the NVS system for a calendar month are as follows: (Cont'd)

Network Availability Commitment: 99.9% (Cont'd)

Total Frame Relay Network - Network Availability: Network Availability for the customer's total network is calculated by subtracting the total unavailable time for all the Frame Relay UNI/NNIs in a specific total calendar month, from the total available time for all the Frame Relay UNI/NNIs in that specific total calendar month, and then dividing the difference by the total available time for all the Frame Relay UNI/NNIs in that specific total calendar month. If the resulting percentage is less than 99.9%, the commitment for Network Availability has been missed; the Network Availability SLA Credit will then be issued on any Frame Relay UNI/NNI whose specific individual Network Availability measurement is below 99.9%.

Individual Frame Relay UNI/NNI - Network Availability: Network Availability for an individual Frame Relay UNI/NNI is calculated by first subtracting the unavailable time from the total available time for a specific calendar month, and then dividing it by the total available time for that specific calendar month. If the Network Availability SLA commitment was missed on the customer's total network and the resulting percentage for a specific individual Frame Relay UNI/NNI is less than 99.9%, the Network Availability SLA Credit set forth in E21.1.5.H.6. following will then be issued on that specific individual Frame Relay UNI/NNI.

Network Transit Delay commitment: 60 milliseconds, one-way

The Network Transit Delay commitment is provided for each individual PVC within the customer's Frame Relay network.

Through the NVS System, Network Transit Delay will measure the average one-way transit time of a specific PVC's frames through the network within a specific calendar month. The transit time for each frame transmitted is measured from the originating Frame Relay UNI/NNI to the terminating Frame Relay UNI/NNI. The measurement for the Network Transit Delay commitment is the average transit time of a frame for a PVC, based upon all the frames transmitted for that PVC during that specific calendar month.

The average monthly Network Transit Delay for a PVC will be determined by dividing the sum of the actual transit time of each frame sent via the PVC that month by the total frames transmitted in that specific calendar month. If the resulting average transit time per frame for that PVC is greater than 60 milliseconds (one-way), the commitment has been missed for that PVC and the Network Transit Delay SLA Credit set forth in E21.1.5.H.6. following will then be issued on this Frame Relay PVC.

Frame Delivery Rate Commitment: 99.9%

The Frame Delivery Rate commitment is provided for each Frame Relay PVC that has a CIR of greater than 32 Kbps.

Through the NVS System, Frame Delivery Rate will measure the percentage of frames successfully delivered for a PVC. The Frame Delivery Rate measures the quantity of frames transmitted versus quantity of frames received during a specific calendar month between the two Frame Relay UNI/NNI's forming the PVC (i.e., the difference in frames transmitted versus received are considered "dropped").

The monthly Frame Delivery Rate for a qualifying PVC in a specific calendar month is determined by subtracting the total frames dropped from the total frames transmitted, divided by the total frames transmitted. If the resulting percentage representing the percent of frames delivered for that PVC is less than 99.9%, this commitment has been missed and the Frame Delivery Rate SLA Credit set forth in E21.1.5.H.6. following will then be issued on this Frame Relay PVC.

## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

#### E21.1.5 Rate Regulations (Cont'd)

##### H. Service Level Agreements (Cont'd)

##### 6. Credits for Missed SLA Commitments

The following credits are provided for SLA performance commitments missed during a calendar month subject to the conditions outlined herein E21.1.5.H.

Total SLA credits issued for an individual Frame Relay UNI/NNI in a specific calendar month cannot exceed the total monthly recurring charges billed for that Frame Relay UNI/NNI (i.e., cannot exceed the sum of the monthly billing for the XAFRS Network Interface rate element plus any rate elements for features).

##### Network Availability SLA Credit:

This credit is appropriate when the Network Availability commitment for the customer's total network is missed; this credit is then applied per individual Frame Relay UNI/NNI that does not specifically meet the Network Availability commitment.

For each individual Frame Relay UNI/NNI not meeting this commitment for a specific calendar month, a credit equal to 1/30 of its monthly recurring charge for the XAFRS Network Interface rate element will be issued.

##### Network Transit Delay SLA Credit:

This credit is applied per individual Frame Relay PVC (i.e., a DLCI pair forming the PVC) that does not meet the Network Transit Delay commitment.

For each PVC not meeting this commitment for a specific calendar month, a credit equal to \$3.00 for the affected DLCI pair will be issued.

##### Frame Delivery Rate SLA Credit:

This credit is applied per individual Frame Relay PVC (i.e., a DLCI pair forming the PVC) that does not meet the Frame Delivery Rate commitment.

For each PVC not meeting this commitment for a specific calendar month, credits for the affected DLCI pair will be issued as follows:

. Recurring Charge Credit Per DLCI pair: \$ 3.00

. Recurring CIR Credit per DLCI pair:

0 Bps CIR	\$ 0.00
> 0 - 32 Kbps CIR	6.30
> 32 - 56 Kbps CIR	10.80
> 56 - 64 Kbps CIR	11.70
> 64 - 128 Kbps CIR	16.20
> 128 - 256 Kbps CIR	21.60
> 256 - 384 Kbps CIR	25.20
> 384 - 512 Kbps CIR	28.80
> 512 - 768 Kbps CIR	32.40
> 768 Kbps - 1.536 Mbps CIR	41.25
> 1.536 - 4 Mbps CIR	130.00
> 4 - 10 Mbps CIR	325.00
> 10 - 16 Mbps CIR	525.00
> 16 - 34 Mbps CIR	1,100.00
> 34 - 44.210 Mbps CIR	1,500.00

FLORIDA  
ISSUED: February 7, 2005  
BY: Joseph P. Lacher, President -FL  
Miami, Florida

EFFECTIVE: March 9, 2005

## E21. FAST PACKET ACCESS SERVICE

### E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)

#### E21.1.6 Rates and Charges

##### A. Network Interface

##### 1. Per UNI

		Nonrecurring Charge	Month To Month	A 12 to 24 Mos. Plan	B 25 to 48 Mos. Plan	USOC	
(a)	56 Kbps	\$300.00	\$62.00	\$49.00	\$44.00	XAFU5	(M)
(b)	64 Kbps	300.00	70.00	56.00	50.00	XAFU6	(M)
(c)	1.536 Mbps	410.00	294.00	234.00	210.00	XAFU1	(M)
(d)	44.210 Mbps	1,050.00	2,426.00	1,920.00	1,795.00	XAFU4	(M)

##### 2. Per NNI

(a)	56 Kbps	300.00	62.00	49.00	44.00	XAFN5	(M)
(b)	64 Kbps	300.00	70.00	56.00	50.00	XAFN6	(M)
(c)	1.536 Mbps	410.00	294.00	234.00	210.00	XAFN1	(M)
(d)	44.210 Mbps	1,050.00	2,426.00	1,920.00	1,795.00	XAFN4	(M)

##### B. Optional Features

##### 1. DLCI<sup>1</sup>

		Nonrecurring Charge	Monthly Rate	USOC	
(a)	Initial Standard DLCI <sup>2</sup>	\$-	\$-	XAFD1	(T)(M)
(b)	Additional Standard DLCI	70.00	1.50	XAFD2	(M)
(c)	Initial Priority DLCI <sup>2,3</sup>	-	5.00	XAFP1	(T)(M)
(d)	Additional Priority DLCI <sup>3</sup>	70.00	5.00	XAFP2	(T)(M)

##### 2. Committed Information Rate (CIR) (Per DLCI) cannot exceed the minimum transmission speed of the XAFRS Network Interface at either end of the PVC.<sup>4</sup>

(a)	0 Bps	-	-	XAFCA	(M)
(b)	1 thru 32 Kbps	-	6.30	XAFCB	(M)
(c)	33 thru 56 Kbps	-	10.80	XAFCC	(M)

**Note 1:** These DLCI charges are not applicable for configurable DLCIs provided as part of a Configurable DLCI Bundle associated with Customer Configuration Management Capability. (N)

**Note 2:** One "Initial" DLCI is applicable when DLCIs are ordered at the same time as the installation of the Network Interface. Only one Initial DLCI (either one Initial Standard DLCI or one Initial Priority DLCI) is allowed per Network Interface. All other DLCI are considered Additional DLCIs. (T)(M)

**Note 3:** A Priority DLCI must have CIR with a value greater than 0. (T)(M)

**Note 4:** These CIR Charges are not applicable for configurable DLCIs provided within a Configurable DLCI Bundle (which include CIR of up to 64 Kbps per configurable DLCI) associated with Customer Configuration Management Capability. (N)

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**E21. FAST PACKET ACCESS SERVICE**

**E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)**

**E21.1.6 Rates and Charges (Cont'd)**

**B. Optional Features (Cont'd)**

2. (Cont'd)<sup>f</sup>

	Nonrecurring Charges	Monthly Rate	USOC
(d) 57 thru 64 Kbps	\$-	\$11.70	XAFCD
(e) 65 thru 128 Kbps	-	16.20	XAFCG
(f) 129 thru 256 Kbps	-	21.60	XAFCH
(g) 257 thru 384 Kbps	-	25.20	XAFCH
(h) 385 thru 512 Kbps	-	28.80	XAFCK
(i) 513 thru 768 Kbps	-	32.40	XAFCL
(j) 769 Kbps thru 1.536 Mbps	-	41.25	XAFCM
(k) 1.537 thru 4 Mbps	-	130.00	XAFCP
(l) 5 thru 10 Mbps	-	325.00	XAFCC
(m) 11 thru 16 Mbps	-	525.00	XAFCR
(n) 17 thru 34 Mbps	-	1,100.00	XAFCT
(o) 35 thru 44.210 Mbps	-	1,500.00	XAFCU

3. Customer Configuration Management Capability - Rate elements following for Customer Configuration Management Capability are applicable for DLCIs and CIR associated with configurable PVCs provisioned by the customer; these rates and charges apply in lieu of those preceding for DLCI and CIR rate elements applicable for standard PVCs provisioned by the Company. (N)

(a) Configurable DLCI Bundles - Each bundle provides the specified quantity of configurable DLCIs, with up to 64 Kbps CIR per DLCI. Multiple bundles may be selected to secure the total quantity, or block, of configurable DLCIs for an XAFRS Network Interface. (N)

	Monthly Rate	USOC
- 2 DLCI Bundle	\$ 16.50	XAFKA (N)
- 5 DLCI Bundle	41.00	XAFKB (N)
- 15 DLCI Bundle	121.00	XAFKC (N)
- 25 DLCI Bundle	197.00	XAFKD (N)
- 35 DLCI Bundle	270.00	XAFKE (N)
- 50 DLCI Bundle	373.00	XAFKF (N)
- 100 DLCI Bundle	664.00	XAFKG (N)
- 200 DLCI Bundle	1,162.00	XAFKH (N)
- 300 DLCI Bundle	1,494.00	XAFKJ (N)
- 400 DLCI Bundle	1,660.00	XAFKK (N)

(b) Configurable DLCI Block Establishment/Change Charge - This nonrecurring charge is applicable to initially establish the block of configurable DLCIs for an XAFRS Network Interface. This charge is also applicable per subsequent request to change the size of the block of configurable DLCIs. Only one such nonrecurring charge applies per request regardless of how many Configurable DLCI Bundles are requested to initially establish the block or are requested subsequently to be added or deleted. (N)

- Per Request 45.00 XAFKY (N)

(c) DLCI Conversion Charge - This nonrecurring charge is applicable per standard DLCI requested to be converted to a configurable DLCI and per configurable DLCI requested to be converted to a standard DLCI. (N)

- Per DLCI 16.00 XAFKZ (N)

**Note 1:** These CIR Charges are not applicable for configurable DLCIs provided within a Configurable DLCI Bundle (which include CIR of up to 64 Kbps per configurable DLCI) associated with Customer Configuration Management Capability. (N)

Material previously appearing on this page now appears on page(s) 7 of this section.

**E21. FAST PACKET ACCESS SERVICE**

**E21.1 Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) (Cont'd)**

**E21.1.6 Rates and Charges (Cont'd)**

C.	Service Modification				(M)
1.	Feature Change Charge				(M)
		<b>Nonrecurring Charges</b>	<b>Monthly Rate</b>	<b>USOC</b>	
	(a) Per Occurrence, Per Feature	<b>50.00</b>	-	<b>XAFFC</b>	(M)
2.	Transfer of Service				(M)
	(a) Per Billing Account Number	<b>65.00</b>	-	<b>XAFTF</b>	(M)

**E21.2 (DELETED)** (T)

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## E21. FAST PACKET ACCESS SERVICE

### E21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS) (Cont'd)

#### E21.3.5 Rate Regulations (Cont'd)

##### G. Service Level Agreements

Service Level Agreements (SLAs) provide the Company's service level commitments for specific aspects of its ATM network's performance. SLAs are only provided for customers with at least ten ATM UNIs. Such customers must also subscribe to Network Visibility Service (specifically NVS Fault Management, On Demand Statistics and Performance Reports) which is the primary monitoring and reporting tool used for determining performance results and missed commitments.

SLA commitments only apply for service wholly within Company territory; SLA commitments will not apply for service which is part of a jointly provided service.

1. SLA commitments are provided for Network Availability, Cell Delivery Rate and Cell Loss Ratio.
2. SLA credits are provided for missed commitments, except as specified otherwise in 3. and 4. following. An SLA report is provided through the NVS system that provides details of missed commitments upon which credits will be issued; the SLA report is available on a calendar month basis. Credits are automatically issued based upon the end-of-month SLA report; such credits shall only be issued once a month. The Company's calculation of its performance through the NVS system shall be the sole determinate of the Company's obligation to provide a credit for a missed performance commitment as set forth in this tariff.
3. SLA credits for missed commitments do not apply when any commitment is not met because the Company does not have control over the circumstances causing the commitment to be missed. Situations over which the Company does not have control can be defined as, but not limited to the following:
  - a. 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,
  - b. labor difficulties, governmental orders, civil commotions, acts of civil or military authority, embargoes, epidemics, declared National Emergencies, criminal actions against the Company, war, terrorist acts, riots, insurrections, fires, explosions, nuclear accidents, power blackouts, acts of God (including, but not limited to, earthquakes, floods or unusually severe weather conditions) or other circumstances beyond the Company's control,
  - c. the customer's premises equipment,
  - d. unavailability of the customer's facilities and/or equipment, and
  - e. customer oversubscription of the ATM UNI beyond 200%, calculated as the total VBR equivalent bandwidth on all PVCs carried by the ATM UNI (after the CBR bandwidth is subtracted) may not be greater than 200% of the ATM UNI Network Interface speed.
4. SLA credits for missed commitments do not apply for situations when the customer's service is out of operation as a result of scheduled maintenance windows as set forth in E21.3.5.F. preceding. Time from such maintenance activity does not count towards the time a service is considered as unavailable during a calendar month for purposes of measuring for the Network Availability SLA.

##### 5. Service Level Commitments

SLA commitments for the specific aspects of the ATM network's performance set forth in 1. preceding are measured on a specific calendar month basis. The specific network performance commitments provided and how their performance is measured through the NVS system for a calendar month are as follows:

Network Availability Commitment: 99.9%

The Network Availability commitment is provided on the customer's total ATM network. Network Availability will measure the percentage of time during a calendar month that the customer's ATM network is available.

Network availability will be measured through the NVS system for the customer's total ATM network and for each individual ATM UNI for a whole calendar month.

For the purpose of measuring Network Availability, times during which an ATM UNI is out of operation in association with maintenance windows (as set forth in E21.3.5.F. preceding) and in association with situations over which the Company does not have control (as set forth in E21.3.5.G.3. preceding) are counted as "available" time.

## E21. FAST PACKET ACCESS SERVICE

### E21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS) (Cont'd)

#### E21.3.5 Rate Regulations (Cont'd)

##### G. Service Level Agreements (Cont'd)

##### 5. Service Level Commitments (Cont'd)

SLA commitments for the specific aspects of the ATM network's performance set forth in 1. preceding are measured on a specific calendar month basis. The specific network performance commitments provided and how their performance is measured through the NVS system for a calendar month are as follows: (Cont'd)

Network Availability Commitment: 99.9% (Cont'd)

Total ATM Network - Network Availability: Network Availability for the customer's total network is calculated by subtracting the total unavailable time for all the ATM UNIs in a specific total calendar month, from the total available time for all the ATM UNIs in that specific total calendar month, and then dividing the difference by the total available time for all the ATM UNIs in that specific total calendar month. If the resulting percentage is less than 99.9%, the commitment for Network Availability has been missed; the Network Availability SLA Credit will then be issued on any ATM UNI whose specific individual Network Availability measurement is below 99.9%.

Individual ATM UNI - Network Availability: Network Availability for an individual ATM UNI is calculated by first subtracting the unavailable time from the total available time for a specific calendar month, and then dividing it by the total available time for that specific calendar month. If the Network Availability SLA commitment was missed on the customer's total network and the resulting percentage for a specific individual ATM UNI is less than 99.9%, the Network Availability SLA Credit set forth in E21.3.5.G.6. following will then be issued on that specific individual ATM UNI.

Cell Delivery Rate Commitment: by PVC Category of Service

A Cell Delivery Rate commitment is provided on a per PVC basis for each ATM PVC with one of the following classes of service: CBR, VBR-RT and VBR-NRT. (A Cell Delivery Rate commitment is not provided for ATM PVCs with a UBR class of service).

The specific commitment for Cell Delivery Rate for a PVC with a CBR class of service is 99.99%.

The specific commitment for Cell Delivery Rate for a PVC with a VBR-RT class of service is 99.9%.

The specific commitment for Cell Delivery Rate for a PVC with a VBR-NRT class of service is 99.5%.

Through the NVS System, Cell Delivery Rate will measure the percentage of cells successfully delivered for a CBR or VBR PVC during a specific calendar month. The Cell Delivery Rate measures the quantity of cells received versus quantity of cells transmitted during a specific calendar month between the two ATM UNIs forming the PVC (i.e., the difference in cells transmitted versus received are considered "lost").

The monthly Cell Delivery Rate for a qualifying PVC in a specific calendar month is determined by subtracting the total cells lost from the total cells transmitted, divided by the total cells transmitted. If the resulting percentage representing the percent of cells delivered for that PVC is less than the specific commitment for that PVC class of service, this commitment has been missed and the Cell Delivery Rate SLA Credit set forth in E21.3.5.G.6. following will then be issued on this ATM PVC.

Cell Loss Ratio Commitment: 1%

A Cell Loss Ratio commitment is provided on a per PVC basis for every ATM PVC.

Through the NVS system, Cell Loss Ratio will measure the percentage of transmitted cells not delivered (or lost) for a PVC during a specific calendar month. The Cell Loss Ratio measures the quantity of cells lost versus the quantity of cells transmitted during a specific calendar month between the two ATM UNIs forming the PVC (i.e., the difference in cells transmitted versus received are considered "lost").

The monthly Cell Loss Ratio for a PVC in a specific calendar month is determined by dividing the quantity of cells lost (determined by subtracting the quantity of cells received from the quantity of cells transmitted) by the quantity of cells transmitted during that calendar month. If the resulting percentage representing the percent of cells lost for the PVC is greater than 1%, this commitment has been missed and the Cell Delivery Rate SLA Credit set forth in E21.3.5.G.6. following will then be issued on this ATM PVC based upon its category of service.

## E21. FAST PACKET ACCESS SERVICE

### E21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS) (Cont'd)

#### E21.3.5 Rate Regulations (Cont'd)

##### G. Service Level Agreements (Cont'd)

##### 6. Credits for Missed SLA Commitments

The following credits are provided for SLA performance commitments missed during a calendar month subject to the conditions outlined herein E21.3.5.G. (N)

Total SLA credits issued for an individual ATM UNI in a specific calendar month cannot exceed the total monthly recurring charges billed for that ATM UNI (i.e., cannot exceed the sum of the monthly billing for the XAATMS Network Interface rate element plus any rate elements for features). (N)

Network Availability SLA Credit: (N)

This credit is appropriate when the Network Availability commitment for the customer's total network is missed; this credit is then applied per individual ATM UNI that does not specifically meet the Network Availability commitment. (N)

For each individual ATM UNI not meeting this commitment for a specific calendar month, a credit equal to 1/30 of its monthly recurring charge for the XAATMS Network Interface rate element will be issued. (N)

Cell Delivery Rate SLA Credit: (N)

This credit is applied per individual ATM PVC (i.e., PVC Segment pair forming the PVC) that does not meet the Cell Delivery Rate commitment. (N)

For each PVC not meeting this commitment for a specific calendar month, a credit equal to \$5.00 for each PVC Segment will be issued. (N)

Cell Loss Ratio SLA Credit: (N)

This credit is applied per individual ATM PVC (i.e., PVC Segment pair forming the PVC) that does not meet the Cell Loss Ratio commitment. (N)

For each PVC not meeting this commitment for a specific calendar month, a credit equal to \$5.00 for each PVC Segment will be issued. (N)

## E21. FAST PACKET ACCESS SERVICE

### E21.4 Reserved For Future Use

### E21.5 Reserved For Future Use

### E21.6 BellSouth Network Visibility Service

#### E21.6.1 General

- A. BellSouth Network Visibility Service (NVS) is available on an optional basis as a feature of Exchange Access Frame Relay Service (XAFRS) (a.k.a. BellSouth Exchange Access Frame Relay Service) and BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS).
- B. BellSouth NVS is a customer network management tool that provides customers a view into their BellSouth Fast Packet network for monitoring and trouble shooting purposes. The following BellSouth NVS options are available for XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) and BellSouth XAATMS: Fault Management, On Demand Statistics and Performance Reports.
- C. BellSouth NVS 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 *the* BellSouth NVS *graphical interface* is via a Web interface; *alternatively*, a dial or dedicated method described in Section A32. of the General Subscriber Service Tariff may also be used to access *the* NVS *graphical interface*. *Additionally, NVS may be accessed via a Remote Message Interface for the collection of raw data.* 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 *Management Access Interface*.
  1. Web Interface - This interface allows customers to access *the* BellSouth NVS *graphical interface* via the Web using a standard Web browser. This type of access requires a Security Card.
    - a. Security Card – This card provides the customer a unique password identification code which will electronically change periodically.

If the customer has purchased a Security Card in conjunction with another feature or service offered by BellSouth, that Security Card may also be used in conjunction with BellSouth NVS. It is the customer's responsibility to notify BellSouth of an existing Security Card so BellSouth can ensure that the card is validated for multiple features and/or services.
  2. Dial or Dedicated Interface *access to the BellSouth NVS graphical interface* – See A32.1.2 of the General Subscriber Service Tariff.
  3. Remote Message Interface – This interface will allow SSH-IP connectivity to BellSouth NVS from other compatible Network Management systems for the collection of raw data. The customer must have SSH access to the NVS platform. Connectivity must be via a Frame Relay PVC to the Company network. Technical details and limitations on the Remote Message Interface can be found in BellSouth Technical Reference TR-73587.
- E. The customer is responsible for providing and maintaining all terminal equipment necessary to access BellSouth NVS.
- F. A customer may subscribe to BellSouth NVS on a monthly basis. An account is established which will include the XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) and BellSouth XAATMS Network Interfaces designated by the customer to have BellSouth NVS capability. Customers may choose to subscribe to BellSouth NVS for all Network Interfaces in their BellSouth Fast Packet network or choose BellSouth NVS for only a portion.

## E21. FAST PACKET ACCESS SERVICE

### E21.6 BellSouth Network Visibility Service (Cont'd)

#### E21.6.3 Rate Categories

The following rate categories apply to BellSouth NVS:

**A. Service Establishment Charge**

The Service Establishment Charge is a nonrecurring charge which applies per XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) or BellSouth XAATMS customer account. If a customer is both a XAFRS (a.k.a. BellSouth Exchange Access Frame Relay Service) and BellSouth XAATMS customer, only one Service Establishment Charge will apply. This charge covers the initial establishment and set-up of the customer account in the BellSouth NVS database. 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. Fault Management and On Demand Statistics**

A monthly charge applies for each Network Interface in the customer's network with BellSouth NVS capability. A nonrecurring charge is applicable per Network Interface at the time of installation.

**C. Fault Management, On Demand Statistics and Performance Reports**

A monthly charge applies for each Network Interface in the customer's network with BellSouth NVS capability. A nonrecurring charge is applicable per Network Interface at the time of installation.

**D. Subsequent Modification Charge**

The Subsequent Modification Charge is a nonrecurring charge which applies per Network Interface when a BellSouth NVS customer requests that existing BellSouth NVS Network Interfaces, or PVC's on the Network Interface, 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 BellSouth NVS Network Interface and BellSouth NVS is requested for the new PVC, or
- for a request to change a password.

**E. 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 *and each Remote Message Interface*; a nonrecurring charge is applicable per *Web Interface and per Remote Message Interface* at the time of installation. A Security Card described below is required for each web access. See A32.1.2 of the General Subscriber Service Tariff for a dial or dedicated access option. (C)

- Security Card – The Security Card charge specified in E21.6.4 E. 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.

**E21. FAST PACKET ACCESS SERVICE**

**E21.6 BellSouth Network Visibility Service (Cont'd)**

**E21.6.4 Rates and Charges**

**A. Service Establishment Charge**

1. Per Customer

<b>Nonrecurring Charge</b>	<b>USOC</b>
<b>\$250.00</b>	<b>NVSSE</b>

- (a) Each

**B. Fault Management and On Demand Statistics**

1. Per XAFRS Network Interface

<b>Nonrecurring Charge</b>	<b>Monthly Rate</b>	<b>USOC</b>
<b>\$75.00</b>	<b>\$12.00</b>	<b>NVSFO</b>
<b>75.00</b>	<b>12.00</b>	<b>NVSF1</b>
<b>75.00</b>	<b>12.00</b>	<b>NVSF3</b>

- (a) Per DS0

- (b) Per DS1

- (c) Per DS3

2. Per BellSouth XAATMS Network Interface

- (a) Per DS1

- (b) Per DS3

- (c) Per OC3

- (d) Per OC12

<b>75.00</b>	<b>12.00</b>	<b>NVSA1</b>
<b>75.00</b>	<b>12.00</b>	<b>NVSA3</b>
<b>75.00</b>	<b>12.00</b>	<b>NVSAC</b>
<b>75.00</b>	<b>12.00</b>	<b>NVSA2</b>

**C. Fault Management, On Demand Statistics and Performance Reports**

1. Per XAFRS Network Interface

- (a) Per DS0

- (b) Per DS1

- (c) Per DS3

<b>75.00</b>	<b>14.00</b>	<b>NVSRO</b>
<b>75.00</b>	<b>14.00</b>	<b>NVSR1</b>
<b>75.00</b>	<b>14.00</b>	<b>NVSR3</b>

2. Per BellSouth XAATMS Network Interface

- (a) Per DS1

- (b) Per DS3

- (c) Per OC3

- (d) Per OC12

<b>75.00</b>	<b>14.00</b>	<b>NVST1</b>
<b>75.00</b>	<b>14.00</b>	<b>NVST3</b>
<b>75.00</b>	<b>14.00</b>	<b>NVSTC</b>
<b>75.00</b>	<b>14.00</b>	<b>NVST2</b>

**D. Subsequent Modification Charge**

1. Per Network Interface

<b>Nonrecurring Charge</b>	<b>USOC</b>
<b>\$70.00</b>	<b>NVSSM</b>

- (a) Each

**E. Management Access Interface<sup>1</sup>**

1. Web Interface

<b>Nonrecurring Charge</b>	<b>Monthly Rate</b>	<b>USOC</b>
<b>\$125.00</b>	<b>\$25.00</b>	<b>NVSW1</b>

- (a) Each

2. Remote Message Interface

- (a) Each

<b>125.00</b>	<b>25.00</b>	<b>NVSRM</b>
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**F. Security Card**

1. Per Card

<b>Nonrecurring Charge</b>	<b>USOC</b>
<b>\$100.00</b>	<b>NVSSC</b>

- (a) Each

(N)  
(N)  
(T)  
(N)

**Note 1:** See A32.1.2 of the General Subscriber Service Tariff for a dial or dedicated access option.

## E21. FAST PACKET ACCESS SERVICE

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