T-020063

BELLSOUTH

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REGULATORY OVERSIGHT

January 18, 2002

Mr. Walter D'Haeseleer
Director, Communications Department
Florida Public Service Commission
101 East Gaines Street
Tallahassee, Florida 32301

Dear Mr. D'Haeseleer:

Pursuant to Florida Statute 364.05, we are filing herewith revision to our Access Service Tariff. Following is the page being filed:

General Subscriber Service Tariff

Section A35 - See Attachment B

Access Service Tariff

Section E2 - See Attachment B
Section E5 - See Attachment B
Section E6 - See Attachment B

With this filing, BellSouth is introducing a new offering, BellSouth CCS7 Access Arrangement. This tariff filing also restructures the GSST section A35 offering for Commercial Mobile Radio Service providers, and directs them to the equivalent CCS7 Access Arrangement to be made available in the Access Services Tariff, section E6. The tariff will enable BellSouth to maintain rate parity between intrastate and interstate jurisdictions.

In addition, Percent Interstate Usage terms and conditions are clarified to address routing of calls through the telecommunications network and BellSouth SWA Feature Group D and TSBSA 3 service descriptions are revised to reflect routing methodology on 211, 511, and 711 calls

AUS ___
CAF ___
CMP ___
COM ___
CTR ___
ECR ___
GCL ___
OPC ___
MMS ___
SEC 1
OTH ___

Executive Summary

Introduction

With this filing, BellSouth Telecommunications, Inc. is revising the Access Services Tariff to introduce BellSouth CCS7 Access Arrangement terms, conditions and rates. This tariff filing also deletes the General Subscriber Services Tariff, section A35 offering for Commercial Mobile Radio Service (CMRS) providers to for CCS7 Access and provides for the provisioning of this service for CMRS from the Access Services Tariff. At the same time, local switching rates are being reduced to reflect the introduction of usage sensitive CCS7 as revenue neutral.

In addition, Percent Interstate Usage (PIU) terms and conditions are revised to include provisions for reporting of factors associated with BellSouth CCS7 usage as well as to clarify the determination interstate and intrastate communications.

Description of Present Tariff

CCS7 Access Arrangement service is not currently available for the Access Services Tariff for intrastate use.

Description of Proposed Tariff

The CCS7 Access Arrangement service is comprised of the connection(s); termination(s) and usage associated with the call set-up or Integrated Switched Digital Network User Part (ISUP) and non-call set-up or Transaction Capabilities Application Part (TCAP) messages.

Furthermore, the GSST A35, Common Channel Signaling and ISDNUP Message Transport are deleted to provide CCS7 Signaling Connections, CCS7 Signaling Terminations and CCS7 Usage to CMRS providers via the Access Services Tariff.

In addition, Percent Interstate Usage (PIU) terms and conditions are revised to provide for the reporting of CCS7 specific factors as well as further defining calls originating and terminating within the same state as an intrastate communications.

Local Switching rates are being reduced to reflect the introduction of CCS7 usage.

Conclusion

The introduction of CCS7 Access Arrangement terms, conditions and rates will provide for the use of common channel signaling at interstate and intrastate jurisdictions. At the same time, local switching rates are reduced to reflect usage sensitive CCS7.

Attachment A provides additional supporting and explanatory information for the proposed tariff revisions. This attachment constitutes a comprehensive package, which fulfills the basic requirements for supporting data specified in Rule 25-9.05.

Attachment A - Executive Summary

Acknowledgment, date of receipt, and authority number of this filing are requested. A duplicate letter of transmittal is attached for this purpose.

Your consideration and approval will be appreciated.

Yours very truly,

Marshall M. Criser III
SH

Vice President
Regulatory Relations

Attachments

BellSouth – Florida
Attachment B

General Subscriber Service Tariff

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SUBJECT INDEX

B.

TARIFF REVISIONS
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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.1 BellSouth SWA Service Arrangements and Manner of Provision (Cont'd)

I. BellSouth SWA TSBSA

1. BellSouth SWA TSBSA 1

BellSouth SWA TSBSA 1, which is available to all ICs, provides trunk side access to Company end office switches with an associated uniform 950-0XXX or 950-1XXX access code for the IC's use in originating and terminating communications to an Interexchange Carrier's intrastate service or an IC provided intrastate communications capability. The IC must specify the Interexchange Carrier to which the BellSouth SWA TSBSA 1 service is connected or, in the alternative, specify the means by which the BellSouth SWA TSBSA 1 access communications are transported to another state. A more detailed description of BellSouth SWA TSBSA 1 is provided in E6.2.9.A.

2. BellSouth SWA TSBSA 2

BellSouth SWA TSBSA 2, which is available only to providers of MTS and WATS, provides trunk side access to Company end office switches for the IC's use in originating and terminating communications. This service is available in all end offices, which are not equipped for BellSouth SWA TSBSA 3 end office switching. Existing BellSouth SWA TSBSA 2 access will be converted to BellSouth SWA TSBSA 3 when it becomes available in an end office. A more detailed description of BellSouth SWA TSBSA 2 is provided in E6.2.9.B.

3. BellSouth SWA TSBSA 3

BellSouth SWA TSBSA 3, which is available to all ICs, provides trunk side access to Company end office switches with an associated uniform 101XXXX access code for the IC's use in originating and terminating communications. As an option, BellSouth SWA TSBSA 3 is also available, where technically feasible, with an associated uniform 950-XXXX access code for the IC's use in originating and terminating traffic. This service may be presubscribed to by a primary Interexchange Carrier. A more detailed description of BellSouth SWA TSBSA 3 is provided in E6.2.9.C.

J. Manner of Provision

BellSouth SWA Service Arrangements are furnished in either quantities of lines or trunks. BellSouth SWA FGA and BellSouth SWA LSBSA Access are furnished on a per-line basis and BellSouth SWA FGB and BellSouth SWA TSBSA 1 are furnished on a per-trunk basis. BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 and BellSouth SWA TSBSA 3 are furnished on a trunk basis as set forth in Section E5.preceding.

Trunks are differentiated by type and directionality of traffic carried over a BellSouth SWA service arrangement.

There are four major traffic types. These are: Originating, Terminating, Directory Assistance, ~~and~~ Inward Operator Services and CCS7 Access Arrangement. The originating traffic type represents access capacity within a LATA for carrying traffic from the end user to the IC; the terminating traffic type represents access capacity within a LATA for carrying traffic from the IC to the end user; the Directory Assistance traffic type represents access capacity within a LATA for carrying Directory Assistance traffic from the IC to a Directory Assistance location; and the Inward Operator Services traffic type represents access within a LATA for carrying Inward Operator Services traffic from the IC to the Inward Operator Services location. The CCS7 Access traffic type represents access for services requiring use of the Company CCS7 network. (C) ~~(C)~~

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.1 BellSouth SWA Service Arrangements and Manner of Provision (Cont'd)

J. Manner of Provision (Cont'd)

When an End User(s) orders BellSouth SWA FGB or BellSouth SWA TSBSA 1, the End User must at a minimum specify such access in terms of originating traffic type and/or terminating traffic type.

When ordering BellSouth SWA FGB, BellSouth SWA FGC, BellSouth SWA FGD, or BellSouth SWA TSBSA, the IC must at a minimum specify such access in terms of Originating traffic type and/or Terminating traffic type. Directory Assistance traffic type is as set forth in Section E9. of the Tariff ~~following~~. The Inward Operator Services traffic type is used for ordering BellSouth Inward Operator Services as set forth in Section E18. of this Tariff ~~following~~. (T) (T)

Because some ICs will wish to further segregate their originating BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 traffic into separate trunk groups, Originating traffic type is further categorized into Domestic, 500, 800, 900, and Operator. Domestic traffic type represents access for carrying only domestic traffic other than 500, 800, 900 and Operator traffic; and 500, 800, 900 and Operator traffic type represents access for carrying, respectively, only BellSouth SWA 500, BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service, BellSouth SWA 900 or Operator traffic. When ordering such types of access, the IC must specify Domestic, 500, 800, 900 or Operator traffic type.

~~(DELETED)~~ When ordering CCS7 access, the customer must order the required number of CCS7 Signaling Connections and CCS7 Signaling Terminations. ~~(D)~~ (N)

E6.1.2 BellSouth SWA WATS Service

BellSouth SWA WATS Service is provided only for use with BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 and BellSouth SWA TSBSA 3 originating and terminating. BellSouth SWA WATS Service connects an end user premises with a WATS or WATS-type serving office.

"1+" and "0" intraLATA usage carried over outward BellSouth SWA WATS Service, having both intra and interstate capability (bijurisdictional) and provided from the BellSouth Telecommunications, Inc. Tariff FCC No. 1 or other appropriate Local Exchange Carrier (LEC) interstate tariff, will be completed over LEC facilities at LEC intraLATA outward WATS rates and subject to rules and regulations applicable to LEC intraLATA outward WATS. Subscribers using a bijurisdictional access line for BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service may choose either the Company or the interexchange carrier to complete and bill intraLATA calls according to the appropriate rates, rules and regulations. The "1+" and "0" intraLATA usage will be billed to the customer (end user or IC) where the closed end of the bijurisdictional BellSouth SWA WATS Service is terminated. Customer billing information must be provided to the Company at the time the bijurisdictional WATS Access Line BellSouth SWA WATS Service is ordered when the Company is used to complete intraLATA calls. Local calling, seven digit access to originating intrastate BellSouth SWA FGA, BellSouth SWA FGB, BellSouth SWA LSBSA and BellSouth SWA TSBSA 1 service and "700" dialed access is prohibited.

E6.1.3 Rate Categories

The rate categories, which apply to Service:

- BellSouth SWA Transport (described in E6.1.3.A. following)
- Local Switching (described in E6.1.3.B. following)
- BellSouth SWA WATS Service (described in E6.1.3.C. following)
- Common Line (described in Section E3. of this Tariff ~~preceding~~) (T) (T)
- 800 Database (described in E6.1.3.E. following)
- BellSouth SWA 500 service (described in E6.1.3.D. following)

E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

7. Available Premises Interface Codes (Cont'd)

e. Dedicated Network Access Line Premises Interface Codes (Cont'd)

Interface Group Arrangement	Associated BSE	Frequency Band	Company Interface Code	Premises Interface Code
	Queuing-Call Waiting	-	02CC8	02DC8-4, 04DS9-15-L0[1,2]
	Queuing-Music After Delay	200-3500Hz	02PG-3	02PG1-3, 02PG2-3, 4DS9-15E
	Announcement	100-5000Hz	02PG-5	02PG1-5, 02PG2-5, 4DS9-15F
		50-8000Hz	02PG-8	02PG1-8, 02PG2-8, 4DS9-15G

Switched digital 56 kbps (e.g., AccuPulse® service) services switching capability transmission is provided only with BellSouth SWA FGD or BellSouth SWA TSBSA 3 using Interface Groups 6 and/or 9. Following is a matrix showing for Interface Groups 6 and 9 which premises interface codes are available as a function of the switched digital 56 kbps services level of digital transmission.

Interface Groups	Level of Transmission	Premises Interface Code
6	DS1	04DS9-15
9	DS3	04DS6-44

~~(DELETED)~~ CCS7 optional feature is available with BellSouth SWA FGD or BellSouth SWA TSBSA 3 using Interface Groups 6 and/or 9. CCS7 Signaling Connections are provided using Interface 6 and/or 9. Following is a matrix showing for Interface Groups 6 and 9 which premises interface codes are available for CCS7 Signaling Connections as a function of CCSAC level of digital transmission. ~~(D)~~ (N)

	Interface Groups	Level of Transmission	Premises Interface Code	
~~(DELETED)~~	6	DS1	04DS9-15	~~(D)~~ (N)
~~(DELETED)~~	9	DS3	04DS6-44	~~(D)~~ (N)

Note 1: When the DS interface is required, only the loop closure function is used. Voice frequency service specifications are not supported on any channel using CC or DC interfaces. Additional information may be found in TR-TSY-000335.

Note 2: With the DC interface the end user provides a voltage source. A negative voltage will be provided on the tip with ground provided on the ring. The open circuit tip-to-ring voltage shall not be more negative than 52.5 VDC. The voltage source shall be able to provide at least 16 mA to an external resistance of 2000 ohms.

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

9. Optional Features (Cont'd)

c. IC Specification of Switched Transport Termination

This option allows the IC to specify, for BellSouth SWA FGB or BellSouth SWA TSBSA 1 routed directly to an end office or access tandem, a four-wire termination of the BellSouth SWA Transport at the entry switch in lieu of a Company selected two-wire termination. This option is available only when the BellSouth SWA FGB or BellSouth SWA TSBSA 1 arrangement is provided with Type B Transmission Specifications.

d. Switched Digital 56 kbps (e.g., AccuPulse® service) Services

This option allows an IC to establish a connection between the IC's premises and a suitably equipped end user premises over facilities that are capable of transmitting 56 kbps digital data. This option requires the use of Interface Groups 6 and/or 9. It is provided to suitably equipped electronic end offices or access tandems and is available only with BellSouth SWA FGD or BellSouth SWA TSBSA 3.

e. BellSouth SWA CCSAC

This option allows the customer to receive signals for call set-up out of band. This option is ~~only~~ available with BellSouth SWA FGD or BellSouth SWA TSBSA 3. ~~(C)~~ (C)

This option requires the establishment of a CCS7 Ssignaling Connections and CCS7 Signaling Terminations ~~path~~ between the customer's ~~IC's~~ signaling point of interface and the Company's ~~designated Local~~ Signal Transfer Point (STP). A minimum of one pair or quad of CCS7 Signaling Connections and Terminations is required as further described in E. following. ~~This path may also be used for the transmission of Mobile Service Providers' ISDNUP call control and T-CAP messages.~~ ~~(C)~~ (C)

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

9. Optional Features (Cont'd)

e. BellSouth SWA CCSAC (Cont'd)

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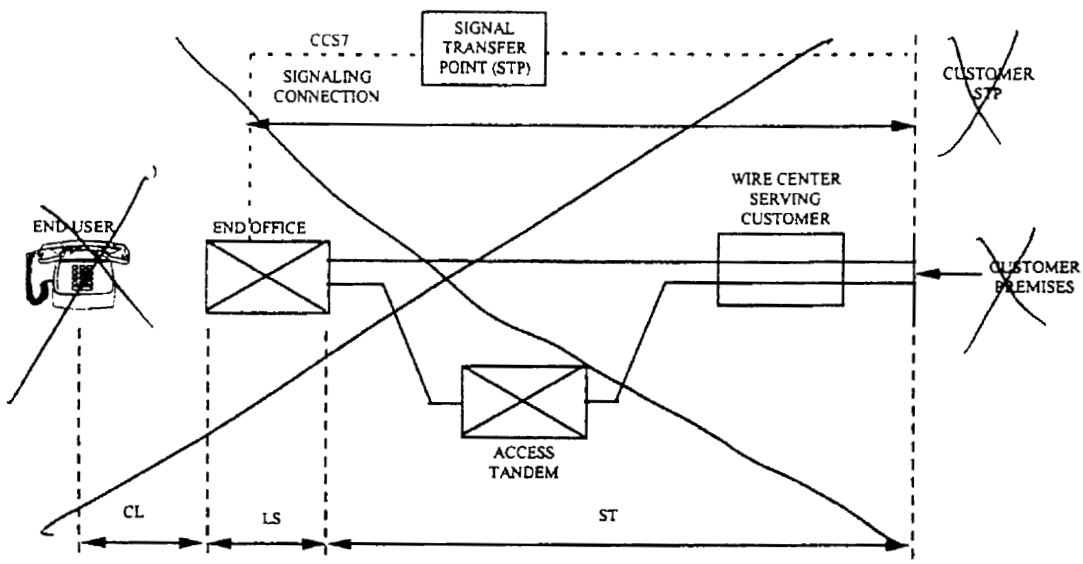


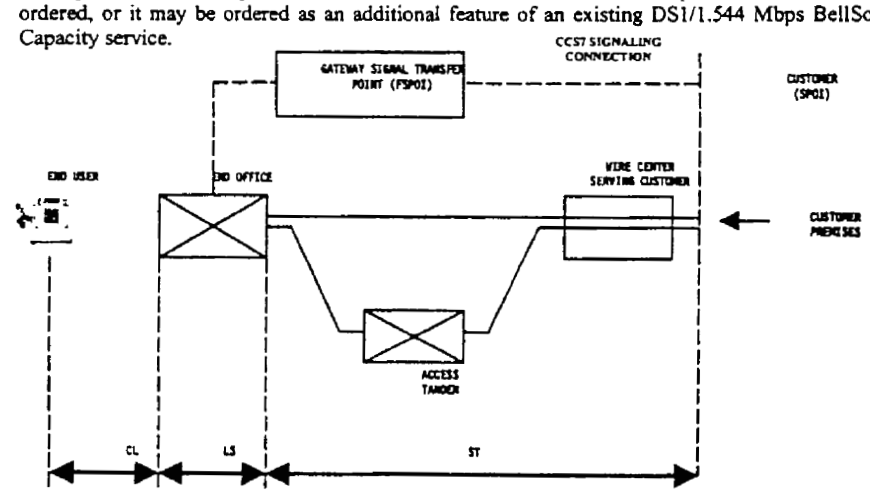
(C)

CL - Common Line
LS - Local Switching
ST - BellSouth SWA Transport

f. 64 Clear Channel Capability (CCC)

(1) Clear Channel Capability (CCC) is an arrangement that alters a DS1/1.544 Mbps signal with unconstrained information bits to meet pulse density requirements outlined in TR-NPL-000054 and TA-TSY-000342. This will allow an IC to transport an all-zero octet over a DS1/1.544 Mbps BellSouth SPA High Capacity channel and will provide an available combined maximum 1.536 Mbps data rate. This arrangement requires the IC signal at the channel interface to conform to Bipolar with eight (8) Zero Substitution (B8ZS) line code as described in Technical Reference TR-NPL-000054 and TR-INS-000342.

(2) This optional feature may be ordered at the same time the DS1/1.544 Mbps BellSouth SPA High Capacity is ordered, or it may be ordered as an additional feature of an existing DS1/1.544 Mbps BellSouth SPA High Capacity service.



6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

9. Optional Features (Cont'd)

i. BellSouth SPA High Capacity and BellSouth SWA DS0 Transport Services (Cont'd)

(4) Channelization Equipment (Cont'd)

DS3 to DS1 - An arrangement that channelizes 44.736 Mbps channel to 28 DS1 channels.

DS1 Basic Channelization System - An arrangement that channelizes a 1.544 Mbps channel to a maximum of twenty-four (24) 64 Kbps channels. A DS1 Basic Channelization System requires a Central Office Channel Interface for each channel of lesser capacity.

A DS1 that is directly terminated into a digital switch is restricted to trunk side switched traffic and cannot be used for line side connections or BellSouth SPA Circuits.

A DS1 that is directly terminated into an analog switch is restricted to trunk side switched traffic and cannot be used for line side connections or Special Access Circuits.

The Central Office Channel Interface (COCI) rate element is necessary to activate the Sub DS1 Service capable of carrying Switched Access traffic. The COCI is required in addition to the Basic Channelization System.

Rates applicable to the Channelization Systems and the applicable Central Office Channel Interfaces are provided in E6.8.1 following.

j. Channelization for Common Transport Interoffice Channels

(1) DS3 to DS1 Multiplexer

This rate element is for use of DS3 to DS1 multiplexer equipment within the Company common transport network and is required for ICs utilizing BellSouth SWA Common Transport. The rate element applies for each BellSouth SWA Common Transport minute of use between the access tandem and the end office, as well as for each minute of use between a host and remote end office, and each terminating minute of use between a host and remote end office, and each terminating minute of use between a BellSouth SWA FGA or BellSouth SWA LSBSA dial tone office and the end office. The rate for this element is found in E6.8.1 following.

(2) DS1 to VG Multiplexer

This rate element is for DS1 to VG multiplexer equipment within the Company common transport network on the end office side of analog access tandem switches. This element is required for ICs utilizing BellSouth SWA Common Transport with an analog tandem switch. The rate for this element is found in E6.8.1 following.

k. Tandem Signaling

This option provides for the automatic transmission of signaling indicators, which identify the interexchange carrier and trunk group to which the call is to be directed. This option, available with BellSouth SWA FGD, is provided on originating direct trunk groups.

Direct trunk groups equipped with tandem signaling can be arranged to overflow to other direct trunk groups equipped with tandem signaling. Direct trunk groups equipped with tandem signaling cannot be arranged to overflow to the Company's common trunk groups.

Depending on the signaling facilities available, this option will be provisioned via MF or CCS7 signaling. The CCS7 alternative requires the establishment of; 1) BellSouth SWA CCSAC as described in e. preceding and 2) CCS7 Signaling Connections and CCS7 Signaling Terminations, as further described in E. following ~~between the IC's signaling point of interface and each of the Telephone Company's STPs as further described in E. following~~. (C) ~~(C)~~

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

D. BellSouth SWA WATS Service (Cont'd)

2. Applications

a. BellSouth SWA WATS Service is provided only for use with BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 service. It is for use at the closed end of an BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service or a BellSouth SWA WATS Service or similar type service.

3. Optional Features

a. At the option of the IC, the BellSouth SWA WATS Service may be ordered with the Improved Two-Wire Voice Transmission Specifications optional feature (guaranteed specifications are set forth in E6.4.3 following). Certain other features which may be provided in connection with BellSouth SWA WATS Service are available under the Company's local and/or general exchange service tariffs. Examples are:

- End User access to a Company test line

- Speed Calling

E. ~~(DELETED)~~ BellSouth CCS7 Access Arrangement (D) (N)

1. Service Description (N)

BellSouth CCS7 Access Arrangement allows for customer interconnection to the Company at designated Signal Transfer Points (STP) for use with services that require receiving and terminating signaling information using the common channel signaling protocol. CCS7 Access is provided for use with the BellSouth SWA CCSAC option, and described in A.9.e. preceding. For each connection, the customer must order a CCS7 Access Connection and CCS7 Access Termination. The CCS7 Access Arrangement is provided as follows. (N)

a. The CCS7 Signaling Connection provides a 2-way digital 56 kbps facility, dedicated to a single customer, which originates at the customer's signaling point of interconnection in a LATA and terminates at a Company Signal Transfer Point (STP) selected by the Company. (N)

b. The CCS7 Signaling termination provides a dedicated point of interface at a Company STP for customer's CCS7 Signaling Connection. (N)

The customer is responsible for reporting to the Company the Percent Interstate Usage (PIU) for BellSouth CCS7 Access Arrangement as set forth in E2.3.14 of this Tariff. (N)

A customer will be able to obtain access from each of its Signaling Point Of Interconnection (SPOI) to the Company CCS7 network in one or more LATAs designated by the customer. This arrangement is available for use with Company Feature Group D, TSBSA 1 switched access service and queries to Company databases pursuant to this tariff. (N)

For ordering proposed, CCS7 Signaling Connections and Terminations are ordered from the customer's SPOI to one or more Facility Switching Point Of Interconnection (FSPOI) locations in the LATA. The customer must order a minimum of two CCS7 Signaling Connections and two CCS7 Signaling Terminations, if the customer's SPOI connects to a customer SSP and a minimum of four CCS7 Signaling Connections and four CCS7 Signaling Terminations, if the customer's SPOI connects to a customer STP. FSPOI locations are set forth in the NECA Tariff FCC No. 4. (N)

2. BellSouth CCS7 Access Arrangement Usage (N)

BellSouth SWA CCS7 Access Arrangement Usage provides for the use of the Company's CCS7 Access Arrangement network for the transmission of call set-up and non-call set-up traffic. The two types of usage available are as follows: (N)

a. Integrated Switched Digital Network User Part (ISUP) messages, which are used to provide the signaling set-up, supervise and release calls. ISUP usage charges will be assessed per signaling messages delivered to or from the customer, regardless of direction, through its dedicated CCS7 port connection. Specific types of ISUP messages are: (N)

ACM - Address Complete Message (N)

ANM - Answer Message (N)

CPG - Call Progress (N)

FOT - Forward Transfer Message (N)

E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

E. ~~(DELETED)~~ BellSouth CCS7 Access Arrangement (Cont'd) ~~(D)~~ (N)

2. BellSouth CCS7 Access Arrangement Usage (Cont'd) (N)

a. (Cont'd) (N)

IAM - Initial Address Message (N)

PAM - Pass Along Message (N)

REL - Release (N)

RES - Resume (N)

RLC - Release Complete Message (N)

SUS - Suspend (N)

b. Transaction Capabilities Application Part (TCAP) signaling messages are used to provide information to route calls to the appropriate service provider not related to a voice call. TCAP usage charges will be assessed per signaling message delivered to the customer, regardless of direction, for such services as Toll Free Access Service, 500 Access Service, TCAP Message Transmission, Line Information Database (LIDB) service, Enhanced Originating Line Screening (EOLS) service and LNP Query. Specific types of TCAP Messages are: (N)

ABT - Abort (N)

CON - Conversion Without Permission Message (N)

CWP - Conversion With Permission Message (N)

QUE - Query Without Permission Message (N)

QWP - Query With Permission Message (N)

RSP - Response Message (N)

UNI - Unidirectional (N)

F. BellSouth SWA 500 Service

The BellSouth SWA 500 service rate category includes the use of switch-based translations and the use of transmission facilities and functions between a Service Switching Point (SSP) equipped switch and a Service Control Point (SCP) by the Company to provide for BellSouth SWA 500 service. Rate elements and rates associated with this category are provided in E6.8.13 following.

G. 800 Database

The 800 Database rate category includes the use of transmission facilities and functions between a Service Switching Point (SSP) equipped end office or access tandem and a Service Control Point (SCP) by the Company to provide for BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service. Rate elements and rates associated with this category are provided in E6.8.4 following.

E6.1.4 Special Facilities Routing

An IC may request that the facilities used to provide BellSouth SWA service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable Only) are set forth in Section E11. following.

E6.1.5 Design Layout Report

A. At the request of the IC, the Company will provide to the IC the makeup of the facilities and services provided from the IC's terminal location to the first point of switching. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the IC at no charge, and will be reissued or updated whenever these facilities are materially changed.

E6.1.6 Acceptance Testing

A. When analog or a combination of analog and digital services are provided at voice grade frequency, the Company will, at the IC's request, cooperatively test to the point of termination at no additional charge, the following parameters at the time of installation: loss, C-notched noise, C-message noise, 3-tone slope, d.c. continuity and operational signaling. When the BellSouth SWA Transport is provided with Interface Groups 2, 6 or 9 and the BellSouth SWA Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in BellSouth SWA Transport), balance parameters (equal level echo path loss) may also be tested.

B. When the service is provided totally via digital facilities (i.e., digital switch and digital transport), the Company will, at the IC's request, cooperatively test at the time of installation the following at no additional charge: operational signaling for each circuit provided and loss for one circuit per di-group provided.

E6. BELLSOUTH SWA SERVICE

E6.4 Transmission Specifications

Each BellSouth SWA service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the BellSouth SWA FG or BellSouth SWA Basic Serving Arrangement, the Interface Group Arrangement and whether the service is directly routed or via an access tandem. When directly routed service is equipped with the tandem signaling option, Type A transmission specifications will be the standard. In addition, the WATS Access Line (a.k.a. BellSouth SPA WATS Line) is provided with standard transmission specifications for two-wire and four-wire. The available transmission specifications are set forth in E6.4.1 following. Data Transmission Parameters are also provided with each BellSouth SWA Service transmission path and WATS Access Line (a.k.a. BellSouth SPA WATS Line). The Company will, upon notification by the IC that the data parameters set forth in E6.4.2.A, B. or C. are not being met, conduct tests independently or in cooperation with the IC, and take any necessary action to insure that the data parameters are met.

In addition, the WATS Access Line (a.k.a. BellSouth SPA WATS Line) may be optionally provided with Improved Two-Wire Voice Transmission Specifications as set forth in E6.4.3 following.

The Company will maintain existing transmission specifications on functioning service configurations installed prior to the effective date of this Tariff except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at performance levels specified in this Tariff.

The transmission specifications contained in this section are immediate action limits. Acceptance limits are set forth in Technical Reference PUB TR-NPL-000334. This Technical Reference also provides the basis for determining BellSouth SWA service maintenance limits. Transmission specifications for BellSouth SWA CCS7~~AC~~ Ssignaling Cconnections and CCS7 Signaling Terminations are set forth in the BellSouth Guidelines to Technical Publication TR-TSV-000905. Transmission Specifications for 64 CCC are set forth in the Technical Publication TR-TSV-000962. (C) (C)

E6.4.1 Standard Transmission Specifications

Following are descriptions of the three Standard Transmission Specifications available with BellSouth SWA FGs and the two Standard Transmission Specifications for WATS Access Lines (a.k.a. BellSouth SPA WATS Lines). The specific applications in terms of the BellSouth SWA FGs (and BellSouth SWA Basic Serving Arrangement) and Interface Group Arrangements with which the BellSouth SWA FG Feature Group (and BellSouth SWA Basic Serving Arrangement) Standard Transmission Specifications are provided are set forth in E6.2.1.C., E6.2.2.C., E6.2.3.C, E6.2.4.C., E6.2.8.C., E6.2.9.A.3., E6.2.9.B.3. and E6.2.9.C.3. preceding.

A. Type A Transmission Specifications

Type A Transmission Specifications are provided with the following parameters:

1. Loss Deviation

   The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is +/- 2.0 dB.

2. Attenuation Distortion

   The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to the loss at 1004 Hz is -1.0 dB to +3.0 dB.

E6. BELLSOUTH SWA SERVICE

E6.5 Obligations of the Company (Cont'd)

E6.5.2 Design and Traffic Routing of Switched Access Service

For BellSouth SWA FGA, BellSouth SWA FGB, BellSouth SWA LSBSA and BellSouth SWA TSBSA 1 and BellSouth SWA FGC /BellSouth SWA TSBSA 2 or BellSouth SWA FGD/BellSouth SWA TSBSA 3 ordered in trunks, the IC desired line or trunk directionality and /or traffic routing of the BellSouth SWA service between the IC's terminal location and the entry switch are specified on the IC's order for service. The Company will determine the optimal network configuration based on the capacity ordered. If the IC desires routing or directionality different from the optimal configuration determined by the Company, the Company will work cooperatively with the IC in determining: (1) whether the service is to be routed directly to an end office or through an access tandem switch, and (2) the directionality of the service before establishing a firm order. Additionally, for BellSouth SWA FGB or BellSouth SWA TSBSA 1 the IC may order the optional feature IC Specification of BellSouth SWA Transport Termination.

E6.5.3 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Company through its own service evaluation routines, may also be made available to the IC based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., IC equipment blockage, failure results and transmission performance. These data do not include service performance data, which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

E6.5.4 Trunk Group Measurements Reports

Subject to availability, the Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the IC based on previously agreed to intervals.

E6.5.5 Determination of Number of Transmission Paths

The following applies to switched access voice transmission paths, and does not apply to CCS7 Ssignaling Cconnections (C) (C)
and CCS7 Signaling Terminations provided ~~with the BellSouth SWA CCSAC option or other services requiring use of the SS7 Signaling Network~~. The number of transmission paths for CCS7 Ssignaling Cconnections and CCS7 Signaling Terminations will be determined jointly by the Company and the customer ~~IC~~. Any specialized routing or additional diversity requirements of the IC are provided as set forth in Section E11. of this Tariff ~~following~~.

The customer's order for BellSouth SWA FGA, and BellSouth SWA LSBSA which are ordered on a per line basis and BellSouth SWA FGB and BellSouth SWA TSBSA 1 which are ordered on a per trunk basis, and BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 which are ordered on a per trunk basis, or the BellSouth SWA Transport facilities ordered determines the number of transmission paths in the order for BellSouth SWA service. A transmission path is a communication path within the frequency bandwidth of approximately 300 to 3000 Hz or a derived communication path of a frequency bandwidth of approximately 300 Hz to 3000 Hz provided over a high frequency analog facility or high speed digital facility between an IC and a Company location.

E6.5.6 Determination of Number of End Office Transport Terminations

For analog entry switches, a termination may be provided for each transmission path provided. For digital entry switches, an equivalent termination may be provided for each transmission path provided.

E6. BELLSOUTH SWA SERVICE

E6.6 Obligations of the IC (Cont'd)

E6.6.5 Billing Data For Terminating Usage

When an IC uses the service(s) of an alternative access provider or alternative tandem service provider and as a result the Company is unable to record usage terminated via dedicated trunks with sufficient specificity to identify the access IC of record, the alternative access provider or alternative tandem service provider must provide the Company with billing data so the Company can properly measure and bill the access minutes. The record that will be used for the transmission of data is the 110120 record. A description of the record and the fields contained can be found in BellCore Publication Sr-STS-000320, Message Interface. It is the responsibility of the alternative access provider or alternative tandem service provider to provide the billing data information to the Company on a daily basis. Failure on the part of the alternative provider to comply with the requirements of this paragraph will result in the Company's billing the alternative provider all terminating access minutes.

E6.7 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for BellSouth SWA service.

E6.7.1 Description and Application of Rates and Charges

A. There are three types of rates and charges that apply to BellSouth SWA service. These are monthly recurring rates, usage rates and nonrecurring charges. These rates and charges are applied differently to the various rate elements as set forth following.

1. Monthly Rates

   Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided. Elements having a monthly "per mile" charge are charged per mile, per month. For the Switched DNAL, the applicable mileage band rate will be applied per mile, per month. For billing purposes each month is considered to have 30 days.

2. Usage Rates

   Usage rates are rates that apply only when a specific rate element is used. These are applied on a per access minute basis or on a per call basis. BellSouth SWA Common Transport transmission rates will be applied on a per minute of use, per mile basis. Usage rates are accumulated over a monthly period.

   a. BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service

      A per call charge, as specified in E6.8.4 following, applies for each 800 call utilizing BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening service for which an BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening service IC is identified.

   b. BellSouth SWA 500 Service

      A per call charge, as specified in E6.8.13 following, applies for each 500 call.

   c. ~~(DELETED)~~ BellSouth CCS7 Access Arrangement Usage ~~(D)~~ (N)

      (1) An Integrated Switched Digital Network User Part (ISUP) usage charge per signaling message applies as specified in E6.8.1 following. (N)

      (2) A Transaction Capabilities Application Part (TCAP) usage charge per signaling message applies as specified in E6.8.1 following. (N)

3. Nonrecurring Charges

   Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation of new service or change to an existing service). The types of nonrecurring charges that apply for BellSouth SWA service are: installation of new service, installation of optional features and BSEs, service rearrangements, transfer of service, BellSouth SWA 500 service, BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening service and BellSouth SWA 900 service.

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E6.7 Rate Regulations (Cont'd)

E6.7.1 Description and Application of Rates and Charges (Cont'd)

A. (Cont'd)

3. Nonrecurring Charges (Cont'd)

The following list identifies the individual BellSouth SWA service elements, for which charges are set forth in Section E6. of this Tariff, which are eligible for credit of nonrecurring charges under "Service Installation Guarantee" found in E2.4.10 of this Tariff. Customers with these services are not eligible for the Service Installation Guarantee when the requested installation, move or rearrangement service order interval is four days or less as measured from the Application Date of the order.

BellSouth SWA Transport Installation

BellSouth SWA Transport Interoffice Channel Installation

Optional Features (Installed coincident with Switched Local Channels, Switched Interoffice Channels and associated Channelization Equipment), and

Dedicated Network Access Line Service

The following list identifies the BellSouth SWA service elements not eligible for credit of nonrecurring charges under "Service Installation Guarantee" found in E2.4.10 preceding.

BellSouth SWA service Rearrangements, Conversions, and/or Inside Moves,

Activation of BellSouth SWA 500, BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening service and BellSouth SWA 900 service NXX codes

The BellSouth SWA FGD CCSAC and the SS7 Signaling Connection, and the Point Code Establishment or Change, and, ~~(C)~~ (C)

Transfer of Service

BellSouth® Remote Access Service

Customers will be exempt from nonrecurring charges for the installation of new BellSouth SWA transport facilities and optional features associated with those facilities, as set forth in E6.8.1 following, when prompted by the elimination of the unitary tandem-switched rate structure, pursuant to the First Report and Order in CC Docket No. 96-262, released May 16, 1997, per the provisions of E6.7.1 of this Tariff, during the time period established therein. This exemption is applicable to the installation of new switched access facilities in connection with those rearrangements of existing switched access services which qualify for the waiver of service rearrangement nonrecurring charges as set forth in E6.7.1.

a. Installation of New Service

Nonrecurring charges apply to each BellSouth SWA service installed.

For BellSouth SWA FGA/BellSouth SWA LSBSA and BellSouth SWA FGB/BellSouth SWA TSBSA 1 service which are ordered on a per line or trunk basis respectively, and for BellSouth SWA FGD BellSouth SWA TSBSA 3 when ordered on a per trunk basis the charge is applied per line or trunk. In addition, ~~when a~~ CCS7 Ssignaling Cconnections are ~~is~~ installed ~~for use with the BellSouth SWA FGD and BellSouth SWA TSBSA 3 BellSouth SWA CCSAC option and TCAP message transmission option,~~ the charge is applied per signaling connection. ~~(C)~~ (C)

(1) Switched Local Channel

Nonrecurring charges, as set forth in E6.8.1 following, apply to each BellSouth SWA service installed. When one Switched Local Channel is ordered and installed, it is billed at the First Service installed rate. When more than one Switched Local Channel of the same type is ordered and installed at the same locations, for the same IC, at the same time, the first Switched Local Channel is billed at the "First Service" installed charge and the other Switched Local Channels are billed at the "Additional Service" installed charges. Services requested on multiple ASRs will be treated as one request when requirements, as specified in E6.1.7 are met, and will receive "First" and "Additional" treatment.

(2) BellSouth SWA Dedicated Transport

The nonrecurring charge for the BellSouth SWA Dedicated Interoffice Transport, as set forth in E6.8.1 following, will be applied each time BellSouth SWA Dedicated Interoffice Transport is ordered by the IC.

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

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E6. BELLSOUTH SWA SERVICE

E6.7 Rate Regulations (Cont'd)

E6.7.1 Description and Application of Rates and Charges (Cont'd)

A. (Cont'd)

3. Nonrecurring Charges (Cont'd)

c. Service Rearrangements (Cont'd)

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

- Change of IC name (i.e., the IC of record does not change but rather the IC of record changes its name - e.g., AT&T Long Lines to AT&T Communications),
- Change of IC or IC's end user premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number. The IC of record does not change).
- Change of agency authorization,
- Change of IC circuit identification,
- Change of billing account number,
- Change of IC test contact number,
- Change of IC or IC's end user contact name or telephone number,
- Change of jurisdiction, and
- Change of Agency Authorization.

When the BellSouth SWA CCSAC option is elected, the IC may add Calling Party Number (CPN), Charge Number (CN)/Billing Number and Carrier Selection Parameter (CSP) at no additional charge if these features/ BSEs are specified at the time the BellSouth SWA CCSAC option is ordered for existing BellSouth SWA access trunks.

~~(DELETED)~~ When a customer requests the establishment or change of point code associated with BellSouth CCS7 Access Arrangement, then a separate charge will apply for each point code as specified in E6.8.1 following (~~D~~) (N)

When the 64 CCC option is elected to upgrade an existing BellSouth SWA FGD or BellSouth SWA TSBSA 3 trunk equipped with BellSouth SWA CCSAC, the rearrangement charge as specified in E6.8.8.F. shall apply.

When the 64 CCC option is elected, the IC may select Access Transport Parameter (ATP) option at no additional charge if this feature is specified at the time the 64 CCC option is ordered for existing switched access trunks.

All other service rearrangements will be charged for as follows:

- If the change involves the addition of an optional feature or BSE which has separate nonrecurring charge, that nonrecurring charge will apply. The addition of Local Switching Optional Features or BSEs during conversion from BellSouth SWA FG service to BellSouth SWA LSBSA or BellSouth SWA TSBSA service will also incur the applicable nonrecurring charges.)

E6. BELLSOUTH SWA SERVICE

E6.7 Rate Regulations (Cont'd)

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E6.7.1 Description and Application of Rates and Charges (Cont'd)

A. (Cont'd)

3. Nonrecurring Charges (Cont'd)

c. Service Rearrangements (Cont'd)

- If the change involves rearrangement of an IC's existing lines and/or trunk groups, the addition and/or modification of an optional feature or BSE which does not have a separate nonrecurring charge, rearrangements that are accomplished via software translations changes such as those made in the common block of the switch (e.g., adding and/or changing carrier codes), and/or dialing arrangement changes to BellSouth SWA 500 service and BellSouth SWA 900 service, and or point codes associated with BellSouth CCS7 Access Arrangement Service, nonrecurring charges for service rearrangements will apply. A common charge is assessed for all changes submitted on the same ASR. Services requested on multiple ASRs will be treated as one request when requirements, as specified in E6.1.7, are met. The nonrecurring charges for service rearrangements are as specified in E6.8.8 following. (C)(C)

- If the change involves rearrangement of an IC's existing BellSouth SWA FGD or BellSouth SWA TSBSA 3 Service from direct routed to tandem routed trunks, no charge shall apply for the IC requested rearrangement as long as the following conditions are met:

  Access tandem routed access was not available to the end office at the time the end office was converted to an equal access office,

  the IC was providing service in the access tandem serving area prior to the availability of access tandem routed access, and

  the IC requests the rearrangement of its trunks from direct routed access to access tandem routed access within six months of the first availability of access tandem routed access in that area.

- If the change involves the addition of BellSouth® Remote Access Service ports, nonrecurring charges as set forth in E6.8.2.A.4 following will apply for the installation of the additional ports as well as appropriate BellSouth SWA LSBSA installation nonrecurring charges.

When an optional feature or BSE is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path). For example, if the requested option or change is common to more than one trunk and the work required will be performed in the common block of the switch, the charge specified in E6.8.8 following will be multiplied by the total number of Company central offices (access tandem and end offices) involved.

If, due to technical limitations of the Company, an IC cannot combine its BellSouth SWA 500 service or BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening service traffic with its BellSouth SWA FGD or BellSouth SWA TSBSA 3 service traffic, no charge shall apply to combine these trunk groups when it becomes technically possible.

Customers will be exempt from nonrecurring charges for Service Rearrangements, prompted by the elimination of the unitary tandem switched rate structure, as set forth in E6.8.8.A. and E6.8.8.C. following, pursuant to the First Report and Ordering CC Docket No. 96-262, released May 16, 1997, until July 1, 1999. The exemption is applicable to the replacement of access tandem routed trunks with direct end office routed trunks and to the replacement of common transport between the serving wire center and the access tandem with dedicated transport between the serving wire center and the access tandem, and to roll-overs and grooming of existing BellSouth SWA services in connection with such rearrangements. In addition, the waiver is limited to one change for a given Switched Access trunk, trunk group, or facility during the waiver period. In order for nonrecurring charges for Service rearrangements to be waived, the following conditions must be met:

- The customer must maintain the same point of presence (POP) location.
- It is the responsibility of the customer to provide all related purchase order numbers pertaining to the connect ASR on the disconnect ASR.
- The connect ASR and the disconnect ASR must be placed at the same time.
- If the number of installed trunks exceed the number of trunks to be disconnected the customer must provide, at the time the ASRs are placed, justification based upon standard engineering methods.
- When multiple ASRs are required, the ASRs must be submitted at the same time and the customer must provide related purchase order numbers pertaining to the multiple ASRs.
- The access trunk, trunk group, or facility must currently have a PIU-E percentage of zero.

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E6. BELLSOUTH SWA SERVICE

E6.8 Rates and Charges (Cont'd)

E6.8.1 BellSouth SWA Transport (Cont'd)

F. Installation of New Service

1. Line Side Service

		Nonrecurring Charge First	Nonrecurring Charge Additional	Monthly Rate	USOC	
(a)	Per Line	$285.00	$263.00	$-	TPP++	
(b)	Per Inward Only BellSouth SWA LSBSA Line for DID Service	285.00	263.00	-	TPP+1	
(c)	Per Two-way BellSouth SWA LSBSA Line for DID/DOD Service	285.00	263.00	-	TPP+2	
(d)	Per BellSouth SWA LSBSA Line with Answer Supervision	285.00	263.00	-	TPP+3	

2. Trunk Side Service

(a)	Per Trunk ~~or Signaling Connection~~	915.00	263.00	-	TPP++	(C)
~~3. Point Code Establishment Charge~~[+]						(M)(M)
~~(a)~~	~~Per Originating Point Code Established or Changed~~	~~40.00~~	~~8.00~~	–	~~CCAPO~~	(M)(M)
~~(b)~~	~~Per Destination Point Code Established or Changed~~	~~8.00~~	~~8.00~~	–	~~CCAPD~~	(M)(M)

(T)

G. Network Blocking Charge[31]

1. Nonrecurring Charge

		Rate	USOC
(a)	Per Call Blocked	$.0080	NA

H. Optional Features

1. Supervisory Signaling
   a. DX Supervisory Signaling arrangement
      - Per Transmission Path[32] (T)
   b. SF Supervisory Signaling arrangement
      - Per Transmission Path[42] (T)
   c. E&M Type I Supervisory Signaling arrangement
      - Per Transmission Path[32] (T)
   d. E&M Type II Supervisory Signaling arrangement
      - Per Transmission Path[32] (T)
   e. E&M Type III Supervisory Signaling arrangement
      - Per Transmission Path[54] (T)
   f. Tandem Supervisory Signaling arrangement
      - Per Transmission Path[65] (T)

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Note 1: ~~Applies to Signaling Connections with TCAP Message Transmission Service.~~ (C)
Applies to BellSouth SWA FGD and BellSouth SWA TSBSA 3.

Note 2: Available with Interface Groups 1 and 2. (D)

Note 3: Available with Interface Groups 2, 6 and/or 9. (D)

Note 4: Available with Interface Groups 1 and 2 for BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 and TSBSA 3. (D)

Note 5: Available with Interface Group 2 for BellSouth SWA FGA and BellSouth SWA LSBSA. (D)

(M)

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E6. BELLSOUTH SWA SERVICE

E6.8 Rates and Charges (Cont'd)

E6.8.1 BellSouth SWA Transport (Cont'd)

J. Switched Local Channel - per Local Channel - Independent Telephone Companies (Cont'd)

4 End-Office Based Private Network

	Monthly Rate	Nonrecurring Charge	USOC	
(a) Per Local Channel	$4.75	$18.43	TEFHK	

K. ~~(DELETED)~~ BellSouth CCS7 Signaling Connections, CCS7 Signaling Terminations and CCS7 Access Arrangement Usage ~~(D)~~(N)

1. CCS7 Signaling Connection (N)

(a) Per 56 kbps facility	$155.00	$150.00	TPP++	(N)

2. CCS7 Signaling Termination (N)

(a) Per STP port	337.05	:	PT8SX	(N)

3. CCS7 Signaling Usage (N)

	Rate	USOC	
(a) Call Set-Up, per message (ISUP)	$0.000035	NA	(N)
(b) TCAP, per message	0.000123	NA	(N)

4. CCS7 Point Code Establishment or Change (M) ~~(C)~~

	Nonrecurring Charge First	Nonrecurring Charge Additional	USOC	
(a) Originating Point Code, Established or Changed	$40.00	$8.00	NA	(M)
(b) Per Destination Point Code, Established or Changed	8.00	8.00	NA	(M)

~~K~~ L. Switched Interoffice Channel - Switched Dedicated Transport - Independent Telephone Companies

1. Voice Grade			
(a) Per mile	1.90	-	1L5XF
(b) Facility Termination	23.30	79.85	NA
2. DSO - 56/64 Kbps			
(a) Per mile	3.95	-	1L5XK
(b) Facility Termination	38.37	24.01	NA
3. DS1 - 1.544 Mbps			
(a) Per mile	16.75	-	1L5XL
(b) Facility Termination	59.75	100.49	NA
4. DS3 - 44.736 Mbps			
(a) Per mile	175.00	-	1L5XM
(b) Facility Termination	1,200.00	67.19	NA

L. Switched Interoffice Channel - Switched Common Transport - Independent Telephone Companies

1. Per Mile

	Rate Per Access Minute	USOC
(a) Premium	$.00004	NA
2. Facilities Termination		
(a) Premium	.00036	NA

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E6. BELLSOUTH SWA SERVICE

E6.8 Rates and Charges (Cont'd)

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E6.8.2 Local Switching

A. Local Switching Rates and Optional Features

1. Usage Sensitive Rates

		Rate Per Access Minute	USOC	
(a)	LS1 - BellSouth Telecommunications, Inc. BellSouth SWA FGA and BellSouth SWA FGB	$.008661 ~~76~~	NA	(R)
(b)	LS2 - BellSouth Telecommunications, Inc. BellSouth SWA FGC and BellSouth SWA FGD	.00866~~176~~	NA	(R)
(c)	LS3 - BellSouth Telecommunications, Inc. BellSouth SWA LSBSA and BellSouth SWA TSBSA 1	.00864~~174~~	NA	(R)
(d)	LS4 - BellSouth Telecommunications, Inc. BellSouth SWA TSBSA 2 and TSBSA 3	.00864~~174~~	NA	(R)
(e)	LS1 – ITS Telecommunications Systems, Inc. - Feature Groups A and B	.01150	NA	~~(I)~~
(f)	LS2 – ITS Telecommunications Systems, Inc. - Feature Groups C and D	.01150	NA	~~(I)~~
(g)	LS3 - ITS Telecommunications Systems, Inc. - LSBSA and TSBSA Technical Option 1	.01147	NA	~~(I)~~
(h)	LS4 - ITS Telecommunications Systems, Inc. - TSBSA Technical Options 2 and 3	.01147	NA	
(i)	For all other Independent Companies concurring in this Tariff	.01770	NA	
(j)	Common Trunk Port Service per Each Common Transport Trunk Termination	.000800	NA	

2. Dedicated End Office Trunk Port Service

		Monthly Rate	USOC	
(a)	Per dedicated DS0/VG trunk port required	$9.47	TDE0P	~~(I)~~
(b)	Per dedicated DS1 trunk port required	139.98	TDE1P	(I)

3. Common Switching Optional Features (BellSouth SWA FG Customers Only) [1]

a. Hunt Group Arrangement, available with BellSouth SWA FGA
Per Transmission Path Group

b. Uniform Call Distribution Arrangement, available with BellSouth SWA FGA
Per Transmission Path Group

c. Nonhunting Numbers for use with Hunt Group Arrangements or Uniform Call Distribution Arrangement available with BellSouth SWA FGA
Per Transmission Path

d. Automatic Number Identification /Charge Number,[2] available with BellSouth SWA FGB, BellSouth SWA FGC and BellSouth SWA FGD
Per Transmission Path Group

Note 1: These Common Switching Optional Features are not available for BellSouth SWA Basic Serving Arrangement. See E6.8.2 for the appropriate BSE.

Note 2: Charge number is applicable only to BellSouth SWA FGD.

E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.1 BellSouth SWA Service Arrangements and Manner of Provision (Cont'd)

I. BellSouth SWA TSBSA

1. BellSouth SWA TSBSA 1

BellSouth SWA TSBSA 1, which is available to all ICs, provides trunk side access to Company end office switches with an associated uniform 950-0XXX or 950-1XXX access code for the IC's use in originating and terminating communications to an Interexchange Carrier's intrastate service or an IC provided intrastate communications capability. The IC must specify the Interexchange Carrier to which the BellSouth SWA TSBSA 1 service is connected or, in the alternative, specify the means by which the BellSouth SWA TSBSA 1 access communications are transported to another state. A more detailed description of BellSouth SWA TSBSA 1 is provided in E6.2.9.A.

2. BellSouth SWA TSBSA 2

BellSouth SWA TSBSA 2, which is available only to providers of MTS and WATS, provides trunk side access to Company end office switches for the IC's use in originating and terminating communications. This service is available in all end offices, which are not equipped for BellSouth SWA TSBSA 3 end office switching. Existing BellSouth SWA TSBSA 2 access will be converted to BellSouth SWA TSBSA 3 when it becomes available in an end office. A more detailed description of BellSouth SWA TSBSA 2 is provided in E6.2.9.B.

3. BellSouth SWA TSBSA 3

BellSouth SWA TSBSA 3, which is available to all ICs, provides trunk side access to Company end office switches with an associated uniform 101XXXX access code for the IC's use in originating and terminating communications. As an option, BellSouth SWA TSBSA 3 is also available, where technically feasible, with an associated uniform 950-XXXX access code for the IC's use in originating and terminating traffic. This service may be presubscribed to by a primary Interexchange Carrier. A more detailed description of BellSouth SWA TSBSA 3 is provided in E6.2.9.C.

J. Manner of Provision

BellSouth SWA Service Arrangements are furnished in either quantities of lines or trunks. BellSouth SWA FGA and BellSouth SWA LSBSA Access are furnished on a per-line basis and BellSouth SWA FGB and BellSouth SWA TSBSA 1 are furnished on a per-trunk basis. BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 and BellSouth SWA TSBSA 3 are furnished on a trunk basis as set forth in Section E5.preceding.

Trunks are differentiated by type and directionality of traffic carried over a BellSouth SWA service arrangement.

There are four major traffic types. These are: Originating, Terminating, Directory Assistance, Inward Operator Services and ***CCS7 Access Arrangement.*** The originating traffic type represents access capacity within a LATA for carrying traffic from the end user to the IC; the terminating traffic type represents access capacity within a LATA for carrying traffic from the IC to the end user; the Directory Assistance traffic type represents access capacity within a LATA for carrying Directory Assistance traffic from the IC to a Directory Assistance location; and the Inward Operator Services traffic type represents access within a LATA for carrying Inward Operator Services traffic from the IC to the Inward Operator Services location. ***The CCS7 Access traffic type represents access for services requiring use of the Company CCS7 network.*** (C)

E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.1 BellSouth SWA Service Arrangements and Manner of Provision (Cont'd)

J. Manner of Provision (Cont'd)

When an End User(s) orders BellSouth SWA FGB or BellSouth SWA TSBSA 1, the End User must at a minimum specify such access in terms of originating traffic type and/or terminating traffic type.

When ordering BellSouth SWA FGB, BellSouth SWA FGC, BellSouth SWA FGD, or BellSouth SWA TSBSA, the IC must at a minimum specify such access in terms of Originating traffic type and/or Terminating traffic type. Directory Assistance traffic type is as set forth in Section E9. ***of this Tariff.*** The Inward Operator Services traffic type is used for ordering BellSouth Inward Operator Services as set forth in Section E18. ***of this Tariff.*** (T)

Because some ICs will wish to further segregate their originating BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 traffic into separate trunk groups, Originating traffic type is further categorized into Domestic, 500, 800, 900, and Operator. Domestic traffic type represents access for carrying only domestic traffic other than 500, 800, 900 and Operator traffic: and 500, 800, 900 and Operator traffic type represents access for carrying, respectively, only BellSouth SWA 500, BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service, BellSouth SWA 900 or Operator traffic. When ordering such types of access, the IC must specify Domestic, 500, 800, 900 or Operator traffic type.

When ordering CCS7 access, the customer must order the required number of CCS7 Signaling Connections and CCS7 Signaling Terminations. (N)

E6.1.2 BellSouth SWA WATS Service

BellSouth SWA WATS Service is provided only for use with BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 and BellSouth SWA TSBSA 3 originating and terminating. BellSouth SWA WATS Service connects an end user premises with a WATS or WATS-type serving office.

"1+" and "0" intraLATA usage carried over outward BellSouth SWA WATS Service, having both intra and interstate capability (bijurisdictional) and provided from the BellSouth Telecommunications, Inc. Tariff FCC No. 1 or other appropriate Local Exchange Carrier (LEC) interstate tariff, will be completed over LEC facilities at LEC intraLATA outward WATS rates and subject to rules and regulations applicable to LEC intraLATA outward WATS. Subscribers using a bijurisdictional access line for BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service may choose either the Company or the interexchange carrier to complete and bill intraLATA calls according to the appropriate rates, rules and regulations. The "1+" and "0" intraLATA usage will be billed to the customer (end user or IC) where the closed end of the bijurisdictional BellSouth SWA WATS Service is terminated. Customer billing information must be provided to the Company at the time the bijurisdictional WATS Access Line BellSouth SWA WATS Service is ordered when the Company is used to complete intraLATA calls. Local calling, seven digit access to originating intrastate BellSouth SWA FGA, BellSouth SWA FGB, BellSouth SWA LSBSA and BellSouth SWA TSBSA 1 service and "700" dialed access is prohibited.

E6.1.3 Rate Categories

The rate categories which apply to Service:

- BellSouth SWA Transport (described in E6.1.3.A. following)
- Local Switching (described in E6.1.3.B. following)
- BellSouth SWA WATS Service (described in E6.1.3.C. following)
- Common Line (described in Section E3. ***of this Tariff***) (T)
- 800 Database (described in E6.1.3.E. following)
- BellSouth SWA 500 service (described in E6.1.3.D. following)

E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

7. Available Premises Interface Codes (Cont'd)

e. Dedicated Network Access Line Premises Interface Codes (Cont'd)

Interface Group Arrangement	Associated BSE	Frequency Band	Company Interface Code	Premises Interface Code
	Queuing-Call Waiting	-	02CC8	02DC8-4, 04DS9-15-L0[1,2]
	Queuing-Music After Delay	200-3500Hz	02PG-3	02PG1-3, 02PG2-3, 4DS9-15E
	Announcement	100-5000Hz	02PG-5	02PG1-5, 02PG2-5, 4DS9-15F
		50-8000Hz	02PG-8	02PG1-8, 02PG2-8, 4DS9-15G

Switched digital 56 kbps (e.g., AccuPulse® service) services switching capability transmission is provided only with BellSouth SWA FGD or BellSouth SWA TSBSA 3 using Interface Groups 6 and/or 9. Following is a matrix showing for Interface Groups 6 and 9 which premises interface codes are available as a function of the switched digital 56 kbps services level of digital transmission.

Interface Groups	Level of Transmission	Premises Interface Code
6	DS1	04DS9-15
9	DS3	04DS6-44

CCS7 optional feature is available with BellSouth SWA FGD or BellSouth SWA TSBSA 3 using Interface Groups 6 and/or 9. CCS7 Signaling Connections are provided using Interface 6 and/or 9. Following is a matrix showing for Interface Groups 6 and 9 which premises interface codes are available for CCS7 Signaling Connections as a function of CCSAC level of digital transmission. (N)

Interface Groups	Level of Transmission	Premises Interface Code	
6	DS1	04DS9-15	(N)
9	DS3	04DS6-44	(N)

Note 1: When the DS interface is required, only the loop closure function is used. Voice frequency service specifications are not supported on any channel using CC or DC interfaces. Additional information may be found in TR-TSY-000335.

Note 2: With the DC interface the end user provides a voltage source. A negative voltage will be provided on the tip with ground provided on the ring. The open circuit tip-to-ring voltage shall not be more negative than 52.5 VDC. The voltage source shall be able to provide at least 16 mA to an external resistance of 2000 ohms.

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

9. Optional Features (Cont'd)

c. IC Specification of Switched Transport Termination

This option allows the IC to specify, for BellSouth SWA FGB or BellSouth SWA TSBSA 1 routed directly to an end office or access tandem, a four-wire termination of the BellSouth SWA Transport at the entry switch in lieu of a Company selected two-wire termination. This option is available only when the BellSouth SWA FGB or BellSouth SWA TSBSA 1 arrangement is provided with Type B Transmission Specifications.

d. Switched Digital 56 kbps (e.g., AccuPulse® service) Services

This option allows an IC to establish a connection between the IC's premises and a suitably equipped end user premises over facilities that are capable of transmitting 56 kbps digital data. This option requires the use of Interface Groups 6 and/or 9. It is provided to suitably equipped electronic end offices or access tandems and is available only with BellSouth SWA FGD or BellSouth SWA TSBSA 3.

e. BellSouth SWA CCSAC

This option allows the customer to receive signals for call set-up out of band. This option is available with BellSouth SWA FGD or BellSouth SWA TSBSA 3. (C)

This option requires the establishment of ~~a~~ CCS7 Signaling Connections ***and CCS7 Signaling Terminations*** between the customer's signaling point of interface and the Company Signal Transfer Point (STP). ***A minimum of one pair or quad of CCS7 Signaling Connections and Terminations is required as further described in E. following.*** (C)

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E6. BELLSOUTH SWA SERVICE

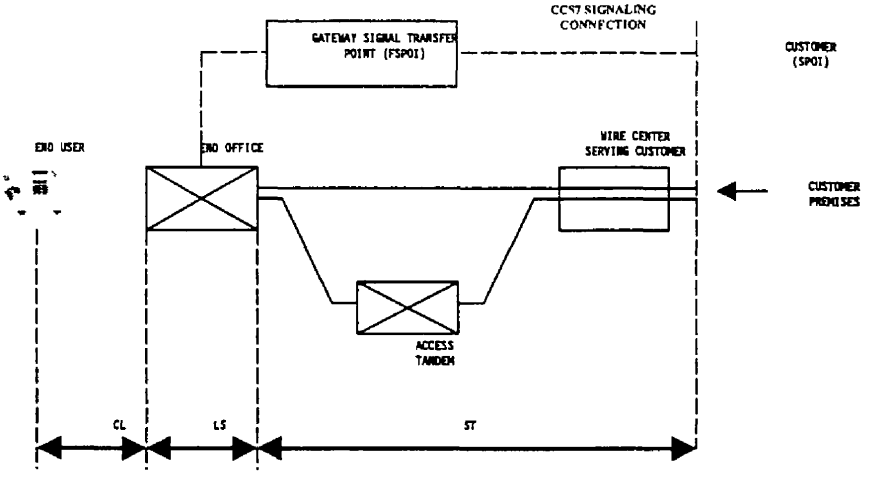
E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

9. Optional Features (Cont'd)

e. BellSouth SWA CCSAC (Cont'd)



(C)

CL - Common Line
LS - Local Switching
ST - BellSouth SWA Transport

f. 64 Clear Channel Capability (CCC)

(1) Clear Channel Capability (CCC) is an arrangement that alters a DS1/1.544 Mbps signal with unconstrained information bits to meet pulse density requirements outlined in TR-NPL-000054 and TA-TSY-000342. This will allow an IC to transport an all-zero octet over a DS1/1.544 Mbps BellSouth SPA High Capacity channel and will provide an available combined maximum 1.536 Mbps data rate. This arrangement requires the IC signal at the channel interface to conform to Bipolar with eight (8) Zero Substitution (B8ZS) line code as described in Technical Reference TR-NPL-000054 and TR-INS-000342.

(2) This optional feature may be ordered at the same time the DS1/1.544 Mbps BellSouth SPA High Capacity is ordered, or it may be ordered as an additional feature of an existing DS1/1.544 Mbps BellSouth SPA High Capacity service.

6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

A. BellSouth SWA Transport (Cont'd)

9. Optional Features (Cont'd)

i. BellSouth SPA High Capacity and BellSouth SWA DS0 Transport Services (Cont'd)

(4) Channelization Equipment (Cont'd)

DS3 to DS1 - An arrangement that channelizes 44.736 Mbps channel to 28 DS1 channels.

DS1 Basic Channelization System - An arrangement that channelizes a 1.544 Mbps channel to a maximum of twenty-four (24) 64 Kbps channels. A DS1 Basic Channelization System requires a Central Office Channel Interface for each channel of lesser capacity.

A DS1 that is directly terminated into a digital switch is restricted to trunk side switched traffic and cannot be used for line side connections or BellSouth SPA Circuits.

A DS1 that is directly terminated into an analog switch is restricted to trunk side switched traffic and cannot be used for line side connections or Special Access Circuits.

The Central Office Channel Interface (COCI) rate element is necessary to activate the Sub DS1 Service capable of carrying Switched Access traffic. The COCI is required in addition to the Basic Channelization System.

Rates applicable to the Channelization Systems and the applicable Central Office Channel Interfaces are provided in E6.8.1 following.

j. Channelization for Common Transport Interoffice Channels

(1) DS3 to DS1 Multiplexer

This rate element is for use of DS3 to DS1 multiplexer equipment within the Company common transport network and is required for ICs utilizing BellSouth SWA Common Transport. The rate element applies for each BellSouth SWA Common Transport minute of use between the access tandem and the end office, as well as for each minute of use between a host and remote end office, and each terminating minute of use between a host and remote end office, and each terminating minute of use between a BellSouth SWA FGA or BellSouth SWA LSBSA dial tone office and the end office. The rate for this element is found in E6.8.1 following.

(2) DS1 to VG Multiplexer

This rate element is for DS1 to VG multiplexer equipment within the Company common transport network on the end office side of analog access tandem switches. This element is required for ICs utilizing BellSouth SWA Common Transport with an analog tandem switch. The rate for this element is found in E6.8.1 following.

k. Tandem Signaling

This option provides for the automatic transmission of signaling indicators, which identify the interexchange carrier and trunk group to which the call is to be directed. This option, available with BellSouth SWA FGD, is provided on originating direct trunk groups.

Direct trunk groups equipped with tandem signaling can be arranged to overflow to other direct trunk groups equipped with tandem signaling. Direct trunk groups equipped with tandem signaling cannot be arranged to overflow to the Company's common trunk groups.

Depending on the signaling facilities available, this option will be provisioned via MF or CCS7 signaling. The CCS7 alternative requires the establishment of; 1) BellSouth SWA CCSAC as described in e. preceding and 2) CCS7 Signaling Connections and CCS7 Signaling Terminations, ***as further described in E. following.*** (C)

E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

D. BellSouth SWA WATS Service (Cont'd)

2. Applications

a. BellSouth SWA WATS Service is provided only for use with BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 service. It is for use at the closed end of an BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service or a BellSouth SWA WATS Service or similar type service.

3. Optional Features

a. At the option of the IC, the BellSouth SWA WATS Service may be ordered with the Improved Two-Wire Voice Transmission Specifications optional feature (guaranteed specifications are set forth in E6.4.3 following). Certain other features which may be provided in connection with BellSouth SWA WATS Service are available under the Company's local and/or general exchange service tariffs. Examples are:

- End User access to a Company test line
- Speed Calling

E. BellSouth CCS7 Access Arrangement (N)

1. Service Description

BellSouth CCS7 Access Arrangement allows for customer interconnection to the Company at designated Signal Transfer Points (STP) for use with services that require receiving and terminating signaling information using the common channel signaling protocol. CCS7 Access is provided for use with the BellSouth SWA CCSAC option, and described in A.9.e. preceding. For each connection, the customer must order a CCS7 Access Connection and CCS7 Access Termination. The CCS7 Access Arrangement is provided as follows. (N)

a. The CCS7 Signaling Connection provides a 2-way digital 56 kbps facility, dedicated to a single customer, which originates at the customer's signaling point of interconnection in a LATA and terminates at a Company Signal Transfer Point (STP) selected by the Company. (N)

b. The CCS7 Signaling termination provides a dedicated point of interface at a Company STP for customer's CCS7 Signaling Connection. (N)

The customer is responsible for reporting to the Company the Percent Interstate Usage (PIU) for BellSouth CCS7 Access Arrangement as set forth in E2.3.14 of this Tariff. (N)

A customer will be able to obtain access from each of its Signaling Point Of Interconnection (SPOI) to the Company CCS7 network in one or more LATAs designated by the customer. This arrangement is available for use with Company Feature Group D, TSBSA 1 switched access service and queries to Company databases pursuant to this tariff. (N)

For ordering proposed, CCS7 Signaling Connections and Terminations are ordered from the customer's SPOI to one or more Facility Switching Point Of Interconnection (FSPOI) locations in the LATA. The customer must order a minimum of two CCS7 Signaling Connections and two CCS7 Signaling Terminations, if the customer's SPOI connects to a customer SSP and a minimum of four CCS7 Signaling Connections and four CCS7 Signaling Terminations, if the customer's SPOI connects to a customer STP. FSPOI locations are set forth in the NECA Tariff FCC No. 4. (N)

2. BellSouth CCS7 Access Arrangement Usage

BellSouth SWA CCS7 Access Arrangement Usage provides for the use of the Company's CCS7 Access Arrangement network for the transmission of call set-up and non-call set-up traffic. The two types of usage available are as follows: (N)

a. Integrated Switched Digital Network User Part (ISUP) messages, which are used to provide the signaling set-up, supervise and release calls. ISUP usage charges will be assessed per signaling messages delivered to or from the customer, regardless of direction, through its dedicated CCS7 port connection. Specific types of ISUP messages are: (N)

ACM - Address Complete Message (N)

ANM - Answer Message (N)

CPG - Call Progress (N)

FOT - Forward Transfer Message (N)

E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.1.3 Rate Categories (Cont'd)

E. BellSouth CCS7 Access Arrangement (Cont'd) (N)

2. BellSouth CCS7 Access Arrangement Usage (Cont'd)

a. (Cont'd) (N)

IAM - Initial Address Message (N)

PAM - Pass Along Message (N)

REL - Release (N)

RES - Resume (N)

RLC - Release Complete Message (N)

SUS - Suspend (N)

b. Transaction Capabilities Application Part (TCAP) signaling messages are used to provide information to route calls to the appropriate service provider not related to a voice call. TCAP usage charges will be assessed per signaling message delivered to the customer, regardless of direction, for such services as Toll Free Access Service, 500 Access Service, TCAP Message Transmission, Line Information Database (LIDB) service, Enhanced Originating Line Screening (EOLS) service and LNP Query. Specific types of TCAP Messages are: (N)

ABT - Abort (N)

CON - Conversion Without Permission Message (N)

CWP - Conversion With Permission Message (N)

QUE - Query Without Permission Message (N)

QWP - Query With Permission Message (N)

RSP - Response Message (N)

UNI - Unidirectional (N)

F. BellSouth SWA 500 Service

The BellSouth SWA 500 service rate category includes the use of switch based translations and the use of transmission facilities and functions between a Service Switching Point (SSP) equipped switch and a Service Control Point (SCP) by the Company to provide for BellSouth SWA 500 service. Rate elements and rates associated with this category are provided in E6.8.13 following.

G. 800 Database

The 800 Database rate category includes the use of transmission facilities and functions between a Service Switching Point (SSP) equipped end office or access tandem and a Service Control Point (SCP) by the Company to provide for BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service. Rate elements and rates associated with this category are provided in E6.8.4 following.

E6.1.4 Special Facilities Routing

An IC may request that the facilities used to provide BellSouth SWA service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable Only) are set forth in Section E11. following.

E6.1.5 Design Layout Report

A. At the request of the IC, the Company will provide to the IC the makeup of the facilities and services provided from the IC's terminal location to the first point of switching. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the IC at no charge, and will be reissued or updated whenever these facilities are materially changed.

E6.1.6 Acceptance Testing

A. When analog or a combination of analog and digital services are provided at voice grade frequency, the Company will, at the IC's request, cooperatively test to the point of termination at no additional charge, the following parameters at the time of installation: loss, C-notched noise, C-message noise, 3-tone slope, d.c. continuity and operational signaling. When the BellSouth SWA Transport is provided with Interface Groups 2, 6 or 9 and the BellSouth SWA Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in BellSouth SWA Transport), balance parameters (equal level echo path loss) may also be tested.

B. When the service is provided totally via digital facilities (i.e., digital switch and digital transport), the Company will, at the IC's request, cooperatively test at the time of installation the following at no additional charge: operational signaling for each circuit provided and loss for one circuit per di-group provided.

E6. BELLSOUTH SWA SERVICE

E6.4 Transmission Specifications

Each BellSouth SWA service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the BellSouth SWA FG or BellSouth SWA Basic Serving Arrangement, the Interface Group Arrangement and whether the service is directly routed or via an access tandem. When directly routed service is equipped with the tandem signaling option, Type A transmission specifications will be the standard. In addition, the WATS Access Line (a.k.a. BellSouth SPA WATS Line) is provided with standard transmission specifications for two-wire and four-wire. The available transmission specifications are set forth in E6.4.1 following. Data Transmission Parameters are also provided with each BellSouth SWA Service transmission path and WATS Access Line (a.k.a. BellSouth SPA WATS Line). The Company will, upon notification by the IC that the data parameters set forth in E6.4.2.A, B. or C. are not being met, conduct tests independently or in cooperation with the IC, and take any necessary action to insure that the data parameters are met.

In addition, the WATS Access Line (a.k.a. BellSouth SPA WATS Line) may be optionally provided with Improved Two-Wire Voice Transmission Specifications as set forth in E6.4.3 following.

The Company will maintain existing transmission specifications on functioning service configurations installed prior to the effective date of this Tariff except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at performance levels specified in this Tariff.

The transmission specifications contained in this section are immediate action limits. Acceptance limits are set forth in Technical Reference PUB TR-NPL-000334. This Technical Reference also provides the basis for determining BellSouth SWA service maintenance limits. Transmission specifications for BellSouth CCS7 *S*ignaling *C*onnections ***and CCS7 Signaling Terminations*** are set forth in the BellSouth Guidelines to Technical Publication TR-TSV-000905. Transmission Specifications for 64 CCC are set forth in the Technical Publication TR-TSV-000962. (C)

E6.4.1 Standard Transmission Specifications

Following are descriptions of the three Standard Transmission Specifications available with BellSouth SWA FGs and the two Standard Transmission Specifications for WATS Access Lines (a.k.a. BellSouth SPA WATS Lines). The specific applications in terms of the BellSouth SWA FGs (and BellSouth SWA Basic Serving Arrangement) and Interface Group Arrangements with which the BellSouth SWA FG Feature Group (and BellSouth SWA Basic Serving Arrangement) Standard Transmission Specifications are provided are set forth in E6.2.1.C., E6.2.2.C., E6.2.3.C, E6.2.4.C., E6.2.8.C., E6.2.9.A.3., E6.2.9.B.3. and E6.2.9.C.3. preceding.

A. Type A Transmission Specifications

Type A Transmission Specifications are provided with the following parameters:

1. Loss Deviation

   The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is +/- 2.0 dB.

2. Attenuation Distortion

   The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to the loss at 1004 Hz is -1.0 dB to +3.0 dB.

E6. BELLSOUTH SWA SERVICE

E6.5 Obligations of the Company (Cont'd)

E6.5.2 Design and Traffic Routing of Switched Access Service

For BellSouth SWA FGA, BellSouth SWA FGB, BellSouth SWA LSBSA and BellSouth SWA TSBSA 1 and BellSouth SWA FGC /BellSouth SWA TSBSA 2 or BellSouth SWA FGD/BellSouth SWA TSBSA 3 ordered in trunks, the IC desired line or trunk directionality and /or traffic routing of the BellSouth SWA service between the IC's terminal location and the entry switch are specified on the IC's order for service. The Company will determine the optimal network configuration based on the capacity ordered. If the IC desires routing or directionality different from the optimal configuration determined by the Company, the Company will work cooperatively with the IC in determining: (1) whether the service is to be routed directly to an end office or through an access tandem switch, and (2) the directionality of the service before establishing a firm order. Additionally, for BellSouth SWA FGB or BellSouth SWA TSBSA 1 the IC may order the optional feature IC Specification of BellSouth SWA Transport Termination.

E6.5.3 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Company through its own service evaluation routines, may also be made available to the IC based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., IC equipment blockage, failure results and transmission performance. These data do not include service performance data, which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

E6.5.4 Trunk Group Measurements Reports

Subject to availability, the Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the IC based on previously agreed to intervals.

E6.5.5 Determination of Number of Transmission Paths

The following applies to switched access voice transmission paths, and does not apply to CCS7 *S*ignaling *C*onnections ***and CCS7 Signaling Terminations*** provided. The number of transmission paths for ***CCS7 S***ignaling *C*onnections ***and CCS7 Signaling Terminations*** will be determined jointly by the Company and the ***customer***. Any specialized routing or additional diversity requirements of the IC are provided as set forth in Section E11. ***of this Tariff***. (C)

The customer's order for BellSouth SWA FGA, and BellSouth SWA LSBSA which are ordered on a per line basis and BellSouth SWA FGB and BellSouth SWA TSBSA 1 which are ordered on a per trunk basis, and BellSouth SWA FGC, BellSouth SWA FGD or BellSouth SWA TSBSA 2 or BellSouth SWA TSBSA 3 which are ordered on a per trunk basis, or the BellSouth SWA Transport facilities ordered determines the number of transmission paths in the order for BellSouth SWA service. A transmission path is a communication path within the frequency bandwidth of approximately 300 to 3000 Hz or a derived communication path of a frequency bandwidth of approximately 300 Hz to 3000 Hz provided over a high frequency analog facility or high speed digital facility between an IC and a Company location.

E6.5.6 Determination of Number of End Office Transport Terminations

For analog entry switches, a termination may be provided for each transmission path provided. For digital entry switches, an equivalent termination may be provided for each transmission path provided.

E6. BELLSOUTH SWA SERVICE

E6.6 Obligations of the IC (Cont'd)

E6.6.5 Billing Data For Terminating Usage

When an IC uses the service(s) of an alternative access provider or alternative tandem service provider and as a result the Company is unable to record usage terminated via dedicated trunks with sufficient specificity to identify the access IC of record, the alternative access provider or alternative tandem service provider must provide the Company with billing data so the Company can properly measure and bill the access minutes. The record that will be used for the transmission of data is the 110120 record. A description of the record and the fields contained can be found in BellCore Publication Sr-STS-000320, Message Interface. It is the responsibility of the alternative access provider or alternative tandem service provider to provide the billing data information to the Company on a daily basis. Failure on the part of the alternative provider to comply with the requirements of this paragraph will result in the Company's billing the alternative provider all terminating access minutes.

E6.7 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for BellSouth SWA service.

E6.7.1 Description and Application of Rates and Charges

A. There are three types of rates and charges that apply to BellSouth SWA service. These are monthly recurring rates, usage rates and nonrecurring charges. These rates and charges are applied differently to the various rate elements as set forth following.

1. Monthly Rates

   Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided. Elements having a monthly "per mile" charge are charged per mile, per month. For the Switched DNAL, the applicable mileage band rate will be applied per mile, per month. For billing purposes each month is considered to have 30 days.

2. Usage Rates

   Usage rates are rates that apply only when a specific rate element is used. These are applied on a per access minute basis or on a per call basis. BellSouth SWA Common Transport transmission rates will be applied on a per minute of use, per mile basis. Usage rates are accumulated over a monthly period.

   a. BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service

      A per call charge, as specified in E6.8.4 following, applies for each 800 call utilizing BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening service for which an BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening service IC is identified.

   b. BellSouth SWA 500 Service

      A per call charge, as specified in E6.8.13 following, applies for each 500 call.

   c. BellSouth CCS7 Access Arrangement Usage (N)

      (1) An Integrated Switched Digital Network User Part (ISUP) usage charge per signaling message applies as specified in E6.8.1 following. (N)

      (2) A Transaction Capabilities Application Part (TCAP) usage charge per signaling message applies as specified in E6.8.1 following. (N)

3. Nonrecurring Charges

   Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation of new service or change to an existing service). The types of nonrecurring charges that apply for BellSouth SWA service are: installation of new service, installation of optional features and BSEs, service rearrangements, transfer of service, BellSouth SWA 500 service, BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening service and BellSouth SWA 900 service.

E6. BELLSOUTH SWA SERVICE

E6.7 Rate Regulations (Cont'd)

E6.7.1 Description and Application of Rates and Charges (Cont'd)

A. (Cont'd)

3. Nonrecurring Charges (Cont'd)

The following list identifies the individual BellSouth SWA service elements, for which charges are set forth in Section E6. of this Tariff, which are eligible for credit of nonrecurring charges under "Service Installation Guarantee" found in E2.4.10 of this Tariff. Customers with these services are not eligible for the Service Installation Guarantee when the requested installation, move or rearrangement service order interval is four days or less as measured from the Application Date of the order.

BellSouth SWA Transport Installation

BellSouth SWA Transport Interoffice Channel Installation

Optional Features (Installed coincident with Switched Local Channels, Switched Interoffice Channels and associated Channelization Equipment), and

Dedicated Network Access Line Service

The following list identifies the BellSouth SWA service elements not eligible for credit of nonrecurring charges under "Service Installation Guarantee" found in E2.4.10 preceding.

BellSouth SWA service Rearrangements, Conversions, and/or Inside Moves,

Activation of BellSouth SWA 500, BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening service and BellSouth SWA 900 service NXX codes

The BellSouth SWA FGD CCSAC and the SS7 Signaling Connection, and the Point Code Establishment or Change, and, (C)

Transfer of Service

BellSouth® Remote Access Service

Customers will be exempt from nonrecurring charges for the installation of new BellSouth SWA transport facilities and optional features associated with those facilities, as set forth in E6.8.1 following, when prompted by the elimination of the unitary tandem-switched rate structure, pursuant to the First Report and Order in CC Docket No. 96-262, released May 16, 1997, per the provisions of E6.7.1 of this Tariff, during the time period established therein. This exemption is applicable to the installation of new switched access facilities in connection with those rearrangements of existing switched access services which qualify for the waiver of service rearrangement nonrecurring charges as set forth in E6.7.1.

a. Installation of New Service

Nonrecurring charges apply to each BellSouth SWA service installed.

For BellSouth SWA FGA/BellSouth SWA LSBSA and BellSouth SWA FGB/BellSouth SWA TSBSA 1 service which are ordered on a per line or trunk basis respectively, and for BellSouth SWA FGD /BellSouth SWA TSBSA 3 when ordered on a per trunk basis the charge is applied per line or trunk. In addition, a ***CCS7 S***ignaling ***C***onnections are installed ***the charge is applied per signaling connection.*** (C)

(1) Switched Local Channel

Nonrecurring charges, as set forth in E6.8.1 following, apply to each BellSouth SWA service installed. When one Switched Local Channel is ordered and installed, it is billed at the First Service installed rate. When more than one Switched Local Channel of the same type is ordered and installed at the same locations, for the same IC, at the same time, the first Switched Local Channel is billed at the "First Service" installed charge and the other Switched Local Channels are billed at the "Additional Service" installed charges. Services requested on multiple ASRs will be treated as one request when requirements, as specified in E6.1.7 are met, and will receive "First" and "Additional" treatment.

(2) BellSouth SWA Dedicated Transport

The nonrecurring charge for the BellSouth SWA Dedicated Interoffice Transport, as set forth in E6.8.1 following, will be applied each time BellSouth SWA Dedicated Interoffice Transport is ordered by the IC.

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E6. BELLSOUTH SWA SERVICE

E6.7 Rate Regulations (Cont'd)

E6.7.1 Description and Application of Rates and Charges (Cont'd)

A. (Cont'd)

3. Nonrecurring Charges (Cont'd)

c. Service Rearrangements (Cont'd)

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

- Change of IC name (i.e., the IC of record does not change but rather the IC of record changes its name - e.g., AT&T Long Lines to AT&T Communications),
- Change of IC or IC's end user premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number. The IC of record does not change).
- Change of agency authorization,
- Change of IC circuit identification,
- Change of billing account number,
- Change of IC test contact number,
- Change of IC or IC's end user contact name or telephone number,
- Change of jurisdiction, and
- Change of Agency Authorization.

When the BellSouth SWA CCSAC option is elected, the IC may add Calling Party Number (CPN), Charge Number (CN)/Billing Number and Carrier Selection Parameter (CSP) at no additional charge if these features/ BSEs are specified at the time the BellSouth SWA CCSAC option is ordered for existing BellSouth SWA access trunks.

When a customer requests the establishment or change of point code associated with BellSouth CCS7 Access Arrangement, then a separate charge will apply for each point code as specified in E6.8.1 following (N)

When the 64 CCC option is elected to upgrade an existing BellSouth SWA FGD or BellSouth SWA TSBSA 3 trunk equipped with BellSouth SWA CCSAC, the rearrangement charge as specified in E6.8.8.F. shall apply.

When the 64 CCC option is elected, the IC may select Access Transport Parameter (ATP) option at no additional charge if this feature is specified at the time the 64 CCC option is ordered for existing switched access trunks.

All other service rearrangements will be charged for as follows:

- If the change involves the addition of an optional feature or BSE which has separate nonrecurring charge, that nonrecurring charge will apply. The addition of Local Switching Optional Features or BSEs during conversion from BellSouth SWA FG service to BellSouth SWA LSBSA or BellSouth SWA TSBSA service will also incur the applicable nonrecurring charges.)

E6. BELLSOUTH SWA SERVICE

E6.7 Rate Regulations (Cont'd)

E6.7.1 Description and Application of Rates and Charges (Cont'd)

A. (Cont'd)

3. Nonrecurring Charges (Cont'd)

c. Service Rearrangements (Cont'd)

- If the change involves rearrangement of an IC's existing lines and/or trunk groups, the addition and/or modification of an optional feature or BSE which does not have a separate nonrecurring charge, rearrangements that are accomplished via software translations changes such as those made in the common block of the switch (e.g., adding and/or changing carrier codes), and/or dialing arrangement changes to BellSouth SWA 500 service and BellSouth SWA 900 service, ***and or point codes associated with BellSouth CCS7 Access Arrangement Service,*** nonrecurring charges for service rearrangements will apply. A common charge is assessed for all changes submitted on the same ASR. Services requested on multiple ASRs will be treated as one request when requirements, as specified in E6.1.7, are met. The nonrecurring charges for service rearrangements are as specified in E6.8.8 following. (C)

- If the change involves rearrangement of an IC's existing BellSouth SWA FGD or BellSouth SWA TSBSA 3 Service from direct routed to tandem routed trunks, no charge shall apply for the IC requested rearrangement as long as the following conditions are met:

  Access tandem routed access was not available to the end office at the time the end office was converted to an equal access office,

  the IC was providing service in the access tandem serving area prior to the availability of access tandem routed access, and

  the IC requests the rearrangement of its trunks from direct routed access to access tandem routed access within six months of the first availability of access tandem routed access in that area.

- If the change involves the addition of BellSouth® Remote Access Service ports, nonrecurring charges as set forth in E6.8.2.A.4 following will apply for the installation of the additional ports as well as appropriate BellSouth SWA LSBSA installation nonrecurring charges.

When an optional feature or BSE is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path). For example, if the requested option or change is common to more than one trunk and the work required will be performed in the common block of the switch, the charge specified in E6.8.8 following will be multiplied by the total number of Company central offices (access tandem and end offices) involved.

If, due to technical limitations of the Company, an IC cannot combine its BellSouth SWA 500 service or BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening service traffic with its BellSouth SWA FGD or BellSouth SWA TSBSA 3 service traffic, no charge shall apply to combine these trunk groups when it becomes technically possible.

Customers will be exempt from nonrecurring charges for Service Rearrangements, prompted by the elimination of the unitary tandem switched rate structure, as set forth in E6.8.8.A. and E6.8.8.C. following, pursuant to the First Report and Ordering CC Docket No. 96-262, released May 16, 1997, until July 1, 1999. The exemption is applicable to the replacement of access tandem routed trunks with direct end office routed trunks and to the replacement of common transport between the serving wire center and the access tandem with dedicated transport between the serving wire center and the access tandem, and to roll-overs and grooming of existing BellSouth SWA services in connection with such rearrangements. In addition, the waiver is limited to one change for a given Switched Access trunk, trunk group, or facility during the waiver period. In order for nonrecurring charges for Service rearrangements to be waived, the following conditions must be met:

- The customer must maintain the same point of presence (POP) location.
- It is the responsibility of the customer to provide all related purchase order numbers pertaining to the connect ASR on the disconnect ASR.
- The connect ASR and the disconnect ASR must be placed at the same time.
- If the number of installed trunks exceed the number of trunks to be disconnected the customer must provide, at the time the ASRs are placed, justification based upon standard engineering methods.
- When multiple ASRs are required, the ASRs must be submitted at the same time and the customer must provide related purchase order numbers pertaining to the multiple ASRs.
- The access trunk, trunk group, or facility must currently have a PIU-E percentage of zero.

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E6. BELLSOUTH SWA SERVICE

E6.8 Rates and Charges (Cont'd)

E6.8.1 BellSouth SWA Transport (Cont'd)

F. Installation of New Service

1. Line Side Service

		Nonrecurring Charge First	Nonrecurring Charge Additional	Monthly Rate	USOC	
(a)	Per Line	$285.00	$263.00	$-	TPP++	
(b)	Per Inward Only BellSouth SWA LSBSA Line for DID Service	285.00	263.00	-	TPP+1	
(c)	Per Two-way BellSouth SWA LSBSA Line for DID/DOD Service	285.00	263.00	-	TPP+2	
(d)	Per BellSouth SWA LSBSA Line with Answer Supervision	285.00	263.00	-	TPP+3	

2. Trunk Side Service

(a)	Per Trunk	915.00	263.00	-	TPP++	(C)

G. Network Blocking Charge[1] (T)

1. Nonrecurring Charge

		Rate	USOC
(a)	Per Call Blocked	$.0080	NA

H. Optional Features

1. Supervisory Signaling

a. DX Supervisory Signaling arrangement

- Per Transmission Path[2] (T)

b. SF Supervisory Signaling arrangement

- Per Transmission Path[3] (T)

c. E&M Type I Supervisory Signaling arrangement

- Per Transmission Path[2] (T)

d. E&M Type II Supervisory Signaling arrangement

- Per Transmission Path[2] (T)

e. E&M Type III Supervisory Signaling arrangement

- Per Transmission Path[4] (T)

f. Tandem Supervisory Signaling arrangement

- Per Transmission Path[4] (T)

Note 1: Applies to BellSouth SWA FGD and BellSouth SWA TSBSA 3 (C)

Note 2: Available with Interface Groups 1 and 2. (T)

Note 3: Available with Interface Groups 2, 6 and/or 9. (T)

Note 4: Available with Interface Groups 1 and 2 for BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2 and TSBSA 3. (T)

Note 5: Available with Interface Group 2 for BellSouth SWA FGA and BellSouth SWA LSBSA. (T)

(M)

Material previously appearing on this page now appears on page(s) 115 of this section.

E6. BELLSOUTH SWA SERVICE

E6.8 Rates and Charges (Cont'd)

E6.8.1 BellSouth SWA Transport (Cont'd)

J. Switched Local Channel - per Local Channel - Independent Telephone Companies (Cont'd)

4. End-Office Based Private Network

	Monthly Rate	Nonrecurring Charge	USOC	
(a) Per Local Channel	$4.75	$18.43	TEFHK	

K. BellSouth CCS7 Signaling Connections, CCS7 Signaling Terminations and CCS7 Access Arrangement Usage (N)

1. CCS7 Signaling Connection (N)

(a) Per 56 kbps facility	$155.00	$150.00	TPP++	(N)

2. CCS7 Signaling Termination (N)

(a) Per STP port	337.05	-	PT8SX	(N)

3. CCS7 Signaling Usage

	Rate	USOC	
(a) Call Set-Up, per message (ISUP)	$0.000035	NA	(N)
(b) TCAP, per message	0.000123	NA	(N)

4. CCS7 Point Code Establishment or Change (M)

	Nonrecurring Charge First	Nonrecurring Charge Additional	USOC	
(a) Originating Point Code, Established or Changed	$40.00	$8.00	NA	(M)
(b) Per Destination Point Code, Established or Changed	8.00	8.00	NA	(M)

L. Switched Interoffice Channel - Switched Dedicated Transport - Independent Telephone Companies

1. Voice Grade

(a) Per mile	1.90	-	1L5XF
(b) Facility Termination	23.30	79.85	NA

2. DSO - 56/64 Kbps

(a) Per mile	3.95	-	1L5XK
(b) Facility Termination	38.37	24.01	NA

3. DS1 - 1.544 Mbps

(a) Per mile	16.75	-	1L5XL
(b) Facility Termination	59.75	100.49	NA

4. DS3 - 44.736 Mbps

(a) Per mile	175.00	-	1L5XM
(b) Facility Termination	1,200.00	67.19	NA

M. Switched Interoffice Channel - Switched Common Transport - Independent Telephone Companies

1. Per Mile

	Rate Per Access Minute	USOC
(a) Premium	$.00004	NA

2. Facilities Termination

(a) Premium	.00036	NA

Material now appearing on this page previously appeared on page(s) 110 of this section.

E6. BELLSOUTH SWA SERVICE

E6.8 Rates and Charges (Cont'd)

E6.8.2 Local Switching

A. Local Switching Rates and Optional Features

1. Usage Sensitive Rates

		Rate Per Access Minute	USOC	
(a)	LS1 - BellSouth Telecommunications, Inc. BellSouth SWA FGA and BellSouth SWA FGB	$.008661	NA	(R)
(b)	LS2 - BellSouth Telecommunications, Inc. BellSouth SWA FGC and BellSouth SWA FGD	.008661	NA	(R)
(c)	LS3 - BellSouth Telecommunications, Inc. BellSouth SWA LSBSA and BellSouth SWA TSBSA 1	.008641	NA	(R)
(d)	LS4 - BellSouth Telecommunications, Inc. BellSouth SWA TSBSA 2 and TSBSA 3	.008641	NA	(R)
(e)	LS1 – ITS Telecommunications Systems, Inc. - Feature Groups A and B	.01150	NA	
(f)	LS2 – ITS Telecommunications Systems, Inc. - Feature Groups C and D	.01150	NA	
(g)	LS3 - ITS Telecommunications Systems, Inc. - LSBSA and TSBSA Technical Option 1	.01147	NA	
(h)	LS4 - ITS Telecommunications Systems, Inc. - TSBSA Technical Options 2 and 3	.01147	NA	
(i)	For all other Independent Companies concurring in this Tariff	.01770	NA	
(j)	Common Trunk Port Service per Each Common Transport Trunk Termination	.000800	NA	

2. Dedicated End Office Trunk Port Service

		Monthly Rate	USOC
(a)	Per dedicated DS0/VG trunk port required	$9.47	TDE0P
(b)	Per dedicated DS1 trunk port required	139.98	TDE1P

3. Common Switching Optional Features (BellSouth SWA FG Customers Only) [1]

a. Hunt Group Arrangement, available with BellSouth SWA FGA
Per Transmission Path Group

b. Uniform Call Distribution Arrangement, available with BellSouth SWA FGA
Per Transmission Path Group

c. Nonhunting Numbers for use with Hunt Group Arrangements or Uniform Call Distribution Arrangement available with BellSouth SWA FGA
Per Transmission Path

d. Automatic Number Identification /Charge Number,[2] available with BellSouth SWA FGB, BellSouth SWA FGC and BellSouth SWA FGD
Per Transmission Path Group

Note 1: These Common Switching Optional Features are not available for BellSouth SWA Basic Serving Arrangement. See E6.8.2 for the appropriate BSE.

Note 2: Charge number is applicable only to BellSouth SWA FGD.