Legal Department 1

MARY K. KEYER General Attorney

BellSouth Telecommunications, Inc. 150 South Monroe Street Room 400 Tallahassee, Florida 32301 (404) 335-0729 50 AUG - 3 PH 4: 54

REPORTING

August 3, 1998

Mrs. Blanca S. Bayó
Director, Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Docket No. 980733-TL

Special Project No. 980000A - SP

Dear Ms. Bayó:

WAS \_

OTH \_\_\_

Enclosed are an original and 15 copies of BellSouth Telecommunications, Inc.'s Responses to the Data Requests served by the Public Service Commission's Division of Communications requesting an executive summary of all cost information included in BellSouth's responses to two previous data requests regarding 980000A-Undocketed Special Project, which we ask that you file in the captioned matter.

A copy of this letter is enclosed. Please mark it to indicate that the original was filed and return the copy to me. Copies have been served to the parties shown on the attached Certificate of Service.

attached Certificate of Service	Je
ACK AFA CAE CNIT / L	Mary K. Keyer (2)
Enclosures	
LEG 2 cc: All parties of record	
R. G. Beatty William J. Ellenberg II (w	/o enclosures)

DOCUMENT NUMBER-DATE

THISE-PERGRES/REPORTING

# FLORIDA 980000A-SP: UNDOCKETED SPECIALPROJECT EXECUTIVE SUMMARY

#### STATEMENT OF PURPOSE

On June 19, 1998 the Florida Public Service Commission (the Commission) Staff requested contribution analyses be provided for the following services:

"voice-grade, flat-rate residential local exchange service"

"voice-grade, flat-rate single-line business local exchange service"

ESSX/Centrex service

PBX trunk service

multi-line circuit-switched business services

intrastate switched access charges

intraLATA toll (including common line WATS/800-type services)

features

3-Way Calling

Call Waiting

Call Forwarding Busy Line

Call Forwarding Don't Answer

Call Return

Repeat Dialing

Call Selector

Preferred Call Forwarding

Caller ID Deluxe

Custom Code Restrictions

The staff data request specified that the cost studies and all associated work papers be filed with the Commission. This document contains BellSouth's Total Service Long Run Incremental Cost (TSLRIC) studies for all the services listed above except ESSX/Centrex service. The ESSX/Centrex cost studies are being filed as a separate document.

### OVERVIEW

The staff data request specified that the "cost standard should be total service long-run incremental cost (TSLRIC) per Section 364.3381(2), or a reasonably comparable measure." The cost studies filed in this document follow the TSLRIC standard per Section 364.3381(2). Additionally, these cost studies use the TELRIC Calculator®, which was introduced to the Commission in Docket Nos. 960833-TP, 960846-TP, 960757-TP, and 971140-TP.

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## VOICE-GRADE, FLAT-RATE RESIDENTIAL LOCAL EXCHANGE SERVICE

Recurring					
Rate Group		Mon	Monthly Rate		thly Cost
	1	\$	7.30	\$	47.79
	2	\$	7.70	5	58.47
	3	\$	8.10	\$	39.63
	4	5	8.40	\$	33.51
	5	\$	8.80	\$	33.16
	6	\$	9.15	\$	28.72
	7	\$	9.50	\$	26.93
	8	\$	9.80	\$	24.18
	9	\$	10.05	5	24.82
	10	\$	10.30	5	23.87
	11	\$	10.45	\$	24.23
	12	\$	10.65	\$	21.40

#### Nonrecurring

Rate Element	Mon	thly Rate	Mon	thly Cost
Line Connection - 1st	\$	40.00	\$	53.37
Line Connection - Add'l.	\$	12.00	\$	19.60
Line Change - 1st	\$	23.00	\$	7.50
Line Change - Add'i.	\$	11.00		4.92
Secondary Service Order	\$	10.00	\$	6.88
Premises Work - 1st 15 Min.	\$	25.00	\$	27.09
Premises Work - Add'l. 15 Min.	\$	9.00	5	11.68

# VOICE-GRADE, FLAT-RATE SINGLE-LINE BUSINESS LOCAL EXCHANGE SERVICE

R	ec	u	Ti	ng

Recurring					
Rate Group		Mon	Monthly Rate		thly Cost
	1	\$	19.80		27.12
	2	\$	20.80	\$	46.33
	3	\$	21.90	\$	32.45
	4	5	22.90	5	27.00
	5	\$	23.85	S	29.32
	6	\$	24.90	\$	25.10
	7	\$	25.75	5	24.67
	8	\$	26.60	5	23.58
	9	\$	27.40	5	23.48
	10	S	28.00	\$	21.59
	11	\$	28.60	5	21.75
	12	5	29.10	\$	20.39

#### Nonrecurring

Mon	thly Rate	Mon	thly Cost
\$	56.00	\$	88.37
\$	12.00	\$	46.99
\$	38.00	\$	14.04
\$	11.00	\$	9.36
5	19.00	\$	13.20
\$	28.00	\$	27.09
\$	9.00	\$	11.68
	\$ \$ \$ \$	\$ 12.00 \$ 38.00 \$ 11.00 \$ 19.00 \$ 28.00	\$ 56.00 \$ 12.00 \$ \$ 12.00 \$ \$ 38.00 \$ \$ 11.00 \$ \$ \$ 19.00 \$ \$ \$ 28.00 \$

#### ESSX/CENTREX SERVICE

Recurring				
Service	T	otal Revenue		Total Cost
ESSX* Service	\$	4,346,631.83	\$	2,643,715.18
MultiServ** Service	5	1,577,509.88	5	1,309,390.00
Total ESSX/Centrex	\$	5,924,141.71	\$	3,953,105.18

Nonrecurring	g
Service	
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Service	Tol	tal Revenue		Total Cost
ESSX* Service	\$	27,304.60	\$	12,971.67
MultiServ** Service	\$	24,247.65	5	19,656 50
Total ESSX/Centrex	\$	51 552 25	5	32 628 17

<sup>\*</sup> Registered Service Mark of BellSouth Corporation

## PBX TRUNK SERVICE

Flat Rate Trunks with Hunting

Recurring Rate Group

Monthly Rate		Monthly Cost		
1	5	40.06	\$	34.48
2	\$	42.09	\$	53.69
3	\$	44.31	\$	39.81
4	\$	46.34	\$	34.36
5	\$	48.26	\$	36.68
6	\$	50.38	\$	32.46
7	\$	52.11	\$	32.03
8	\$	53.82	5	30.94
9	\$	55.44	\$	30.84
10	\$	56.66	\$	28.95
11	\$	57.87	\$	29.11
12	\$	58.88	\$	27.75

# Flat Rate Trunks without Hunting

Recurring Rate Group

Monthly Rate		Monthly Cost			
1	\$	33.66	\$	34.38	
2	\$	35.36	\$	53.59	
3	\$	37.23	5	39.71	
4	5	38.93	\$	34.26	
5	\$	40.55	5	35.58	
6	\$	42.33	S	32.36	
7	\$	43.78	\$	31.93	
8	\$	45.22	5	30.84	
9	\$	46.58	5	30.74	
10	\$	47.60	\$	28.85	
11	\$	48.62	5	29.01	
12	S	49.47	5	27.65	

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## Nonrecurring

Rate Element	Mon	thly Rate	Mon	thly Cost
Line Connection - 1st	\$	56.00	5	88 37
Line Connection - Add'l.	S	12.00	5	46 99
Line Change - 1st	\$	38.00	\$	14.04
Line Change - Add'l.	\$	11.00	5	9 36
Secondary Service Order	\$	19.00	\$	13 20
Premises Work - 1st 15 Min.	\$	28.00	5	27.09
Premises Work - Add'l. 15 Min.	\$	9.00	\$	11.68

Monthly rates do not include the following Subscriber Line Charges: Primary Residence \$3.50 Non-Primary Residence \$5.00 Business-Single Line \$3.50 Business-Multiline \$8.14 Additionally, ESSX/Centrex revenues do not include Subscriber Line Charges

<sup>\*\*</sup> Service Mark of BeltSouth Corporation

#### MULTI-LINE CIRCUIT-SWITCHED BUSINESS SERVICE Flat Rate Multi-line Business with Hunting Recurring

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	Mon	thly Rate	Mon	thly Cost
1	\$	26.20		27.22
2	\$	27.53	5	46.43
3	\$	28.98	5	32 55
4	S	30.31	5	27.10
5	\$	31.56	5	29.42
6	\$	32.95	5	25.20
7	\$	34.08	\$	24.77
8	\$	35.20	5	23.68
9	\$	36.26	5	23.58
10	\$	37.06	5	21.69
11	\$	37.85	\$	21.85
12	5	38.51	5	20 49

# Flat Rate Multi-line Business without Hunting

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	Mon	thly Rate	Mon	thly Cost
1	5	19.80	\$	27.12
2	\$	20.80	\$	46.33
3	\$	21.90	5	32.45
4	5	22 90	\$	27.00
5	\$	23.85	\$	29 32
6	5	24.90	\$	25.10
7	S	25.75	\$	24.67
8	\$	26.60	\$	23.58
9	\$	27.40	5	23 48
10	\$	28.00	S	21.59
11	\$	28.60	\$	21.75
12	S	29.10	\$	20.39

# Nonrecurring

Rate Element	Mon	thly Rate	Mon	thly Cost
Line Connection - 1st	\$	56.00	5	88.37
Line Connection - Add'l.	\$	12.00	\$	46 99
Line Change - 1st	\$	38.00	S	14 04
Line Change - AddT.	\$	11.00	5	9.36
Secondary Service Order	\$	19.00	5	13 20
Premises Work - 1st 15 Min.	\$	28.00	\$	27.09
Premises Work - Add'l. 15 Min.	\$	9.00	\$	11.68

INTRASTATE SWITCHED ACCESS CHAP	ROFS	
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Rate Element		Rate		Cost
Common Transport Facility, minute miles	5	0.0000400	\$	0.0000207
Common Transport Termination, minutes	\$	0.0003600	\$	0.0002429
Access Tandem Switching MOU	\$	0.0005000	5	0.0011548
Local Switching 1 - Premium	5	0.0087600	5	0.0025008
Local Switching 2 - Premium	\$	0.0087600	5	0.0025008
Local Switching FGs - Transitional	5	0.0056940	5	0.0025008
Total Local Switching (Weighted Average Rate)	5	0.0087530	5	0.0025008

#### INTRALATA TOLL (INCLUDING COMMON LINE WATS/800-TYPE SERVICES)

Rate Element		Rate		Cost
MTS	5	0.129600	5	0.006106
OCP	5	0.284600	5	0.006106
WATS/800	\$	0.149300	\$	0.006106

## **FEATURES**

## Residential

Recurring

riecuring				
Rate Group	Mont	thly Rate	Mor	nthly Cost
3-Way Calling	\$	3.75	5	0.6236
Call Waiting	5	4.00	5	0.0082
Call Forwarding Busy Line	\$	1.00	\$	0.0021
Call Forwarding Don't Answer	\$	1.00	5	0.0041
Call Return	\$	4.00	\$	0.2603
Repeat Dialing	\$	4.00	5	0.2898
Call Selector	5	4.00	5	0.0650
Preferred Call Forwarding	\$	4.00	\$	0.0362
Caller ID Deluxe	\$	7.50	\$	0.2230
Custom Code Restrictions		0.30	\$	0.0284

## Business

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Rate Group	Mont	hly Rate	Mor	nthly Cost
3-Way Calling	\$		\$	0.8661
Call Waiting	5	5.80	5	0.0205
Call Forwarding Busy Line	5	3.25	\$	0.0021
Call Forwarding Don't Answer	\$	3.25	\$	0.0041
Call Return	5	5.00	\$	0.3657
Repeat Dialing	\$	4.50	\$	0.4304
Call Selector	\$	4.50	\$	0.0702
Preferred Call Forwarding	\$	5.00	\$	0.0427
Caller ID Deluxe	\$	9.99	5	0.3679
Custom Code Restrictions	\$	0.43	5	0.0284

# FLORIDA 980000A-SP: UNDOCKETED SPECIAL PROJECT SECTION 1

## **EXECUTIVE OVERVIEW**

## STATEMENT OF PURPOSE

On June 19, 1998, the Florida Public Service Commission (the Commission) Staff requested a contribution analysis be provided for "ESSX/Centrex service", Data Request Item Number 1(e).

Additionally, the staff requested that the cost studies and all associated work papers that support the contribution analysis be filed with the Commission, Data Request Item Number 1(f). This document contains BellSouth's Total Service Long Run Incremental Cost (TSLRIC) studies for ESSX® Service and MultiServ<sup>SM</sup> Service, which were used to support the contribution analysis.

### OVERVIEW

The staff data request specified the "cost standard should be total service longrun incremental cost (TSLRIC) per Section 364.3381(2), or a reasonably comparable measure." The cost studies filed in this document follow the TSLRIC standard per Section 364.3381(2).

ESSX® Service has been grandfathered. The cost support included in this document reflects the most currently available data in support of the tariffed rate elements. Listed below are the ESSX® Service studies used to support the contribution analysis. The index number indicates the section in this document where the studies can be found.

Item	Study Number	Vintage	Index Number
ESSX - Features	910706	10/91	2A *
Area Communications Service (ACS)	890877	9/89	2B *
CLASS on ESSX	900514	8/90	2C *
Calling Name Display	900515	9/90	2D *
Simplified Message Desk Interface (SMDI)	920345	6/92	2E *
Integrated Digital Services-BBG	900927.01	2/92	2F *
Loop		1988	2G •
Loop - Very Small		1992	2H *

These sections contain proprietary information and are not included in the non-proprietary version.

# FLORIDA 980000A-SP: UNDOCKETED SPECIAL PROJECT SECTION 1

ESSX® Service was replaced by MultiServ<sup>SM</sup> Service. The MultiServ<sup>SM</sup> Service studies, used to support the costs in the contribution analysis reflect the most currently available data and are listed below.

Item	Study Number	Vintage	Index Number
Central Office Features	940043	12/94	3A *
Loop		11/94	3B *
Customer Control	940050	12/94	3C *
ISDN	940042	12/94	3D •
ISDN Interoffice Transport		4/94	3E *
Rate Element- Specific Costs		11/95	3F *
Automatic Call Distribution (ACD)	940041	12/94	3G *

<sup>\*</sup> These sections contain proprietary information and are not included in the non-proprietary version

In the course of mapping cost study results to the rate elements contained in the tariffs, it was observed that an exact correlation was not always obtainable. Thus, the following explanations should be considered when reviewing this document:

- 1. The ESSX® Service Loop Cost Study expresses loop costs on a banded basis (¼ mile, ¼ mile, ¾ mile, etc). The tariff structure establishes the same price for loops up to 2½ miles and a second price for loops that are farther than 2½ miles from the central office. Loop distributions by mileage band were applied to the banded costs to obtain costs that support the tariff rate structure.
- BellSouth did not retain the cost support for the ESSX® Service Assume Dial 9 feature, Customer Administration Service, ECAS Capability, and Code Restriction feature.
- The costs for ESSX® Service Group A feature packages (USOC ELX##) are based on the sum of the costs of the individual features adjusted for the assumed penetration of the features.
- The cost for the "Basic-FR" (MultiServ<sup>SM</sup> Service USOC M1LFH) consists of the costs of the loop, usage, and hunting.

# FLORIDA 980000A-SP: UNDOCKETED SPECIAL PROJECT SECTION 1

 The cost for "Term MGLK, LGT, or EQVL-FR" (MultiServ<sup>SM</sup> Service USOC M1LF9) consists of the cost of local usage plus hunting.

The usage and hunting costs referenced in (4) and (5), above, are from new cost studies filed in response to Data Request Item Numbers 1(h) and 1(i).

# CERTIFICATE OF SERVICE Special Project No. 980000A-SP

I HEREBY CERTIFY that a true and correct copy of the foregoing was served via Hand-Delivery this 3rd day of August, 1998, to the following:

Divison of Auditing and Financial Analysis Tim Devlin - Director Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850

Division of Communications Walter D'Haeseleer Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850

Jack Shreve
Public Counsel
Charles J. Beck
Deputy Public Counsel
Office of Public Counsel
c/o The Florida Legislature
111 West Madison Street
Room 812
Tallahassee, FL 32399-1400

Mary Keyer (ar)