

REQUEST TO ESTABLISH DOCKET

Date August 7, 1991

- 1. Division Name/Staff Name CMU/Norton
- 2. OPR CMU
- 3. OCR _____

4. Suggested Docket Title Proposed tariff filing to provide Trunk Side Access, Uniform Access Number, Automatic Number Identification, Custom Service Area, and Call detail Information as Open Network Architecture Offerings by SOUTHERN BELL TELEPHONE AND TELEGRAPH COMPANY (T-91-297 filed 6/24/91)

5. Suggested Docket Mailing List (attach separate sheet if necessary)

A. Parties (Provide names of regulated companies; provide names and addresses of nonregulated companies; provide names, addresses, and affiliation (i.e., attorney, company liaison officer, or customer) of individuals)

Southern Bell Telephone and Telegraph TL 720

B. Interested Persons/Companies (Provide names, complete mailing addresses, and affiliation)

Steve Bell, Squire Sanders & Dempsey, P.O. Box 407, Washington, D.C. 20044
Floyd Self, Messer, Vickers Law Firm, P.O. Box 1876, Tallahassee, Fl. 32301
Mickey Henry, MCI Telecommunications Corp., 400 Perimeter Center Terrace, N.E., Atlanta, Ga. 30346
Pat Wiggins, Wiggins & Villacorta, P.O. Box 1657, Tallahassee, Fl. 32302

C. This is a generic proceeding and the Interested Persons mailing list should be expanded to include the industries checked below:

- | | |
|---|--|
| <input type="checkbox"/> Investor-Owned Electrics | <input type="checkbox"/> Water Utilities |
| <input type="checkbox"/> Electric Cooperatives | <input type="checkbox"/> Local Exchange Telephone Cos. |
| <input type="checkbox"/> Municipal Electrics | <input type="checkbox"/> Interexchange Telephone Cos. |
| <input type="checkbox"/> Gas Utilities | <input type="checkbox"/> Coin-Operated Telephone Cos. |
| <input type="checkbox"/> Sewer Utilities | <input type="checkbox"/> Shared Tenant Telephone Cos. |

6. Check One:

- Documentation attached.
- Documentation will be provided with recommendation.



T-91-297

Southern Bell

A. M. Lombarde
Assistant Vice President-Regulatory Relations

150 South Monroe Street
Suite 400
Tallahassee, Florida 32301

June 24, 1991

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

RECEIVED

JUN 24 1991

DIVISION OF COMMUNICATIONS

Dear Mr. D'Haeseleer:

Pursuant to Florida Statute 364.05 we are filing herewith revisions to our General Subscriber Service Tariff. Following are the affected pages:

General Subscriber Service Tariff

(See Attachment I)

The purpose of this filing is to introduce additional new or newly unbundled network services which are being offered in Sections A3. and A13. of the GSST:

<u>Service</u>	<u>Tariff Section</u>
Trunk Side Access Facility	A3.28
Uniform Access Number (UAN)	A13.58
Custom Service Area (CSA)	A13.60
Automatic Number Identification (ANI)	A13.59
Call Detail Information (CDI)	A13.62

These represent additional features, as identified by the Enhanced Service Provider (ESP) industry during the ONA process. They will further enable the ESP industry, or any other customer with applications that these features could make possible, to broaden the scope of their services and make them more useful to their clients. This filing is also responsive to the Commission's order in Docket Number 880423-TP dealing with the Information Services Industry.

D'Haeseleer Ltr.
Page 2


Southern Bell anticipates the total gross revenue effect of this filing to be \$783,466 in the first year.

The attachments provide additional supporting and explanatory information for the proposed tariff revisions. Attachment A and B of the Executive Summary contain a rate summary by service and a contribution analysis summary by service. Information related to the Trunk Side Access Facility is contained in Section 1 of this filing package. Section 2 addresses the remaining services. These attachments constitute a comprehensive package which fulfills the basic requirements for supporting data specified in Rule 25-9.05.

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,



Assistant Vice President -
Regulatory Relations

Attachments

EXECUTIVE SUMMARY**INTRODUCTION**

This filing introduces network services offered by the Company as part of the Open Network Architecture (ONA) process. The following new network services are being offered:

Trunk Side Access Facility
Uniform Access Number (UAN)
Custom Service Area (CSA)
Automatic Number Identification (ANI)
Call Detail Information

DESCRIPTION OF PRESENT TARIFF

The present tariffs do not offer any of these network services.

DESCRIPTION OF PROPOSED TARIFF**Trunk Side Access Facility**

Trunk Side Access Facility introduces rate elements for a direct trunk side termination into the public switched network via a Traffic Operator Position System (TOPS) tandem office. The Trunk Side Access Facility is required when the customer subscribes to a feature such as Automatic Number Identification.

This service provides a four-wire local loop, signaling and facility termination at the serving central office. Interoffice mileage required between the serving central office and the TOPS Tandem is recovered through Foreign Central Office or Foreign Exchange interoffice mileage charges.

Uniform Access Number (UAN)**Custom Service Area (CSA)****Automatic Number Identification (ANI)****Call Detail Information**

UAN provides a LATA-wide "one-number" service via a seven-digit number that can be used for specified LATAs or calling areas in the BellSouth region. The 440 NXX will be available to UAN customers throughout the BellSouth region. The 930 NXX will be available throughout Southern Bell. Florida customers with wide service areas will benefit from being able to advertise the same seven-digit number (440-TAXI, for example) on a region-wide basis. CSA allows

DESCRIPTION OF PROPOSED TARIFF (Cont'd)

customers to limit the market coverage provided with UAN by blocking calls from central offices not in their service area. Call Detail Information provides detailed, rather than aggregate usage information. ANI identifies the billing telephone number of the calling party within the LATA.

A customer must subscribe to UAN in order to obtain CSA, Call Detail Information, or ANI as options.

All of these services will be provided on an inward only basis (terminating to the subscriber) via a TOPS (Traffic Operator Position System) tandem architecture. Because UAN provides a LATA-wide calling scope, toll charges may apply to the UAN subscriber depending on the location of the two serving central offices. In other words, the call originator places a "free" call that is routed through the TOPS tandem, but the UAN subscriber pays any resulting toll charge.

TECHNICAL INFORMATION

These new network features are generally available from both analog and digital stored program control central offices. Specific technical limitations, where applicable, are contained in the technical information section for each service.

REVENUE AND CONTRIBUTION INFORMATION

The estimated first year revenue and contribution from the services contained in this proposed filing are as follows:

<u>Revenue</u>	<u>Contribution</u>
\$783,466	\$144,204

Please refer to Attachment B for the contribution associated with each service.

CONCLUSION

Approval of this filing will allow the Company to bring additional new Information Age services to consumers.

RATE SUMMARY BY SERVICE

	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>	<u>Usage Rate</u>
Trunk Side Access Facility ¹	-	-	-
Uniform Access Number (UAN)			
-First UAN	\$ 585.00	\$ 1.00	\$ -
-Each Additional UAN	85.00	1.00	-
-Per Call Delivered	-	-	.06
-Per UAN, Per NPA Reserved	18.00	30.00	-
Custom Service (CSA)			
-Per End Office Blocked	50.00	1.50	-
Automatic Number Identification (ANI)			
-Per TOPS Tandem Office	25.00	-	-
-Per ANI Delivered	-	-	.015
Call Detail Information			
-Monthly Record, Per Occasion	1,050.00	85.00	-
-Per Each Message	-	-	.005

Note 1: Rates for Trunk Side Access Facility Service are not included in this summary.

**SUMMARY OF
CONTRIBUTION ANALYSIS BY SERVICE
FOR PLANNING YEAR ONE**

<u>Access Lines</u>	<u>Total Revenue</u>	<u>Cost</u>	<u>Net Revenue</u>
Trunk Side Access Facility	\$ 54,793	\$ 37,531	\$ 17,262
<u>Basic Service Elements (BSEs)/ Complementary Network Services (CNSs)</u>			
Uniform Access Number (UAN)			
Custom Service Area (CSA)			
Automatic Number Identification (ANI)			
Call Detail Information			
Subtotal	728,673	601,731	126,942
TOTAL	\$783,466	\$639,262	\$144,204

Table of Contents

<u>Section</u>	<u>Description</u>
1	Trunk Side Access Facility
2	Uniform Access Number (UAN) Custom Service Area (CSA) Automatic Number Identification (ANI) Call Detail Information

TABLE OF CONTENTS

TRUNK SIDE ACCESS FACILITY

<u>Attachment</u>	<u>Description</u>
A	Synopsis
B	Service Description
C	Customer Effects
D	Revenue Information
E	Cost Information

TRUNK SIDE ACCESS FACILITY**SYNOPSIS****INTRODUCTION**

This filing introduces rate elements for a direct trunk side termination into the public switched network via a Traffic Operator Position System (TOPS) tandem office. The Trunk Side Access Facility is required when the customer chooses another feature called Automatic Number Identification (ANI).

The Trunk Side Access Facility provides a four-wire local loop, signaling and termination at the serving central office. Interoffice mileage required between the serving central office and the TOPS Tandem is recovered through Foreign Central Office (FCO) or Foreign Exchange (FX) interoffice mileage charges.

DESCRIPTION OF PRESENT TARIFF

The present General Subscriber Service Tariff (GSST) does not provide a Trunk Side Access Facility as a rate element. However, Direct Inward Dialing (DID) service PBX trunks contained in Section A3. of the GSST are terminated on the trunk side of the network. Other PBX trunks and customer line facilities contained in Section A3. of the tariff are terminated on the line side of the network.

DESCRIPTION OF PROPOSED TARIFF

Trunk Side Access Facilities are offered on a flat rate basis and provide a four-wire local loop in most applications, signaling and associated termination at the serving central office. As with other forms of local exchange access contained in Section A3. of the tariff, the monthly rate varies according to rate group.

TECHNICAL INFORMATION

The standard type of supervisory signaling provided with these facilities is E&M. Both two-wire and four-wire E&M trunks require a four-wire loop because E&M leads are distance limited (approximately 600 feet). Normally, the E&M signaling must be converted to four-wire single frequency (SF) in order to extend the facility to the customer premises. Other non-standard supervisory signaling options, provided at no charge, available with Trunk Side Access Facilities are Reverse Battery (RB) and Single Frequency.

As with DID service, the customer can only receive incoming calls on Trunk Side Access Facilities.

TRUNK SIDE ACCESS FACILITY**MARKET INFORMATION**

Because these facilities are used only in conjunction with customer requests for the ANI feature, demand for the rate elements provided in this tariff is dependent on demand for ANI.

REVENUE INFORMATION

Initially, Trunk Side Access Facilities will have negligible impact on Southern Bell revenues. First year gross revenues are estimated at \$54,793.20 with corresponding contribution of \$17,262.00.

Additional revenue information is contained in Attachment D.

COST INFORMATION

A cost summary for the cost/rate elements contained in this filing is provided in Attachment E.

CONCLUSION

Approval of these revisions will allow the customer to connect to the trunk side of the network in order to receive ANI.

TRUNK SIDE ACCESS FACILITY**SERVICE DESCRIPTION**

The Trunk Side Access Facility provides a four-wire local loop facility with signaling between the customer's premises and his serving central office. This facility is needed when the customer desires the Automatic Number Identification (ANI) feature. ANI requires direct customer termination of his lines to a Traffic Operator Position System (TOPS) Tandem office. Since the rate element for the Trunk Side Access Facility only covers the costs of the local loop, any additional channel mileage required between the customer's serving central office and the TOPS Tandem is recovered through application of the appropriate Foreign Central Office or Foreign Exchange interoffice mileage charges.

The following discussion provides a basic understanding of the relationship between the Trunk Side Access Facility, ANI and an additional feature called Uniform Access Number (UAN).

As mentioned earlier, Trunk Side Access Facilities are required when the customer subscribes to ANI. ANI is a feature that causes the local switching system to output the calling party's billing number to a Centralized Automatic Message Accounting (CAMA) system, operator service system or other central office or customer premises equipment requiring calling number information.

ANI in the Open Network Architecture (ONA) environment refers to the capability of the telephone company to deliver the calling party's billing number to the ANI subscriber at the time the call is established.

The network architecture for ANI delivery to a customer requires that the call be routed to a Traffic Operator Position System (TOPS) Tandem switch. For that reason, subscription to ANI also requires the Uniform Access Number (UAN) feature. UAN provides an intraLATA single number dialing service via a unique NXX seven digit number that can be used for specified LATAs or Calling Areas in the BellSouth region.

When the calling party dials the UAN/ANI customer's number, the call is routed to the appropriate TOPS Tandem office and the call with the ANI is delivered to the customer via the Trunk Side Access Facility.

TRUNK SIDE ACCESS FACILITY**CUSTOMER EFFECTS**

The Trunk Side Access Facility tariff will not affect existing customers. However, customers desiring the ANI feature will have to replace their existing PBX trunks or business lines with Trunk Side Access Facilities.

The rates established for each Single Voice Grade Facility, MegaLink[®] Channel service NAR or LightGate[®] service NAR in the Trunk Side Access Facility tariff are the same as the corresponding rates for a regular (line side terminated) PBX trunk or NAR in each rate group.

TRUNK SIDE ACCESS FACILITY

REVENUE INFORMATION

Demand for Trunk Side Access Facilities are a function of demand for the ANI feature. The Cost, Revenue and Contribution Analysis illustrated in page 2 of this Attachment assumes that all ANI customers will be located in a Rate Group 12 exchange.

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FLORIDA
TRUNK SIDE ACCESS FACILITY
COST, REVENUE AND CONTRIBUTION ANALYSIS

Southern Bell - Florida
Attachment D-Section 1
Page 2 of 2

YEAR 1
-- MONTHLY REVENUES --

A	B	C	D	E	F	G	H	I	J
FACILITY TYPE	YEAR END ESTIMATED QUANTITY	ANNUAL AVERAGE (B/2)	MONTHLY RATE	ANNUAL REVENUE (C X D X 12)	UNIT COST	ANNUAL COST (C X F X 12)	UNIT CONTRIBUTION (D-F)	ANNUAL CONTRIBUTION (C X H X 12)	PERCENT ANNUAL CONTRIBUTION (I/G)
VOICE GRADE	140	70	\$65.23	\$54,793.20	\$44.68	\$37,531.20	\$20.55	\$17,262.00	46.0%
MEGALINK NAR	0	0	\$30.01	\$0.00	\$16.34	\$0.00	\$13.67	\$0.00	NA
TOTALS				\$54,793.20		\$37,531.20		\$17,262.00	46.0%

TRUNK SIDE ACCESS FACILITY

COST INFORMATION

Cost Summary for Trunk Side Access Facilities:

Single Voice Grade Facility:

Four-Wire Local Channel Loop Costs:	\$28.34
C.O. Termination Costs per Facility:	11.15
Signaling Costs	<u>5.19</u>
Total Monthly Costs	\$44.68

MegaLink^R Channel Service NAR Or LightGate^R Service NAR:

C.O. Termination Costs per Facility:	\$11.15
Signaling Costs	<u>5.19</u>
Total Monthly Costs	\$16.34

Notes:

- (1) The cost of Money utilized in the study was 13.0%.
- (2) The above costs do not consider local exchange usage.

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**UNIFORM ACCESS NUMBER (UAN)
CUSTOM SERVICE AREA (CSA)
AUTOMATIC NUMBER IDENTIFICATION (ANI)
CALL DETAIL INFORMATION**

<u>Attachment</u>	<u>Description</u>
A	Synopsis
B	Service Description
C	Customer Effects
D	Revenue Information
E	Cost Information

**UNIFORM ACCESS NUMBER (UAN)
CUSTOM SERVICE AREA (CSA))
AUTOMATIC NUMBER IDENTIFICATION (ANI)
CALL DETAIL INFORMATION****SYNOPSIS****INTRODUCTION**

This family of features and services is provided through a dedicated network architecture designed specifically to carry network usage for customers selecting any of these features/services:

The cornerstone of this family of features is UAN which is required for customers selecting ANI, CSA and/or Call Detail Information.

UAN allows a customer to obtain the same seven digit telephone number throughout specified LATAs or Calling Areas in the BellSouth Region. The 440 NXX will be available regionwide to UAN customers. The 930 NXX will be available Southern Bell wide. Florida customers with wide service areas will benefit from being able to advertise the same seven-digit number throughout BellSouth or Southern Bell. ANI is a type of calling number delivery service. CSA allows a UAN customer to block telephone calls from an entire Central Office. Call Detail Information provides detailed rather than aggregate usage information.

DESCRIPTION OF PRESENT TARIFF

The present tariffs do not offer any of these features/services on an intraLATA basis.

DESCRIPTION OF PROPOSED TARIFF

In addition to appropriate nonrecurring and recurring charges, there is a charge per call delivered to a UAN number.

A customer must subscribe to UAN in order to obtain CSA, Call Detail Information or ANI as options. In addition, ANI requires subscription to a Trunk Side Access Facility connected at a Traffic Operator Position System (TOPS) Tandem Office plus FCO or FX mileage from the customer's end office to the TOPS Tandem. There is an additional charge per ANI delivered.

Charges for CSA are per end office blocked. There are message charges associated with Call Detail Information in addition to appropriate nonrecurring and monthly charges.

UNIFORM ACCESS NUMBER (UAN)
CUSTOM SERVICE AREA (CSA)
AUTOMATIC NUMBER IDENTIFICATION (ANI)
CALL DETAIL INFORMATION

TECHNICAL INFORMATION

This family of features is provided through a TOPS network architecture. ANI requires a direct trunk side termination (Trunk Side Access Facility) at a TOPS Tandem Office. UAN only customers can terminate their line facilities on the line side of their serving central offices.

MARKET INFORMATION

There are a number of applications associated with UAN/ANI. The market for these services is expected to grow slowly initially in Florida. However, growth is expected to be more rapid in three to five years as customers become more familiar with these services.

REVENUE INFORMATION

The estimated gross revenue effect for the initial year of service from these features is \$728,673.40.

A revenue summary is provided in Attachment D.

COST INFORMATION

Cost summaries for the cost/rate elements associated with these BSEs are provided in Attachment E.

**UNIFORM ACCESS NUMBER (UAN)
CUSTOM SERVICE AREA (CSA)
AUTOMATIC NUMBER IDENTIFICATION (ANI)
CALL DETAIL INFORMATION****SERVICE DESCRIPTION**

UAN provides an intraLATA single number dialing service via a seven-digit number (440-XXXX) that can be used for specified LATAs or Calling Areas in the BellSouth region. The 440 NXX will be available to UAN customers throughout the BellSouth region. The 930 NXX will be available throughout Southern Bell. Customers with wide service areas benefit from being able to advertise the same seven-digit number (440-TAXI, for example) on a regionwide basis. CSA allows customers to limit their market coverage by blocking calls from central offices not in their service area. Call Detail Information provides detailed rather than aggregate usage information. ANI identifies the billing telephone number of the calling party within the LATA.

All of these services will be provided on an inward only basis (terminating to subscriber) via a TOPS (Traffic Operator Position System) tandem architecture. Because UAN provides a LATA-wide calling scope, toll charges may apply to the UAN subscriber depending on the location of the two serving central offices. In other words, the call originator places a "free" call that is routed through the TOPS tandem but the UAN subscriber pays any resulting toll charges.

A customer must subscribe to UAN in order to obtain CSA, Call Detail Information or ANI as options. For CSA, customers pay an additional monthly charge per central office blocked. Call Detail Information carries an additional nonrecurring fee to establish service, a monthly rate, and a per message charge.

ANI is a type of calling number delivery service and is perceived to be one of the most valuable ONA services. ANI is currently included on a bundled basis with Interexchange Carrier (IXC) services such as Feature Group D. As an unbundled ONA service, ANI will also be incrementally priced per number delivered in addition to the usage rate the customer will pay for UAN. This pricing methodology is consistent with competitive services such as AT&T's 800 MEGACOM Service which, in addition to the toll charges for terminating calls, provides ANI for \$.01 - .02 per call depending on volumes.

UNIFORM ACCESS NUMBER (UAN)
CUSTOM SERVICE AREA (CSA)
AUTOMATIC NUMBER IDENTIFICATION (ANI)
CALL DETAIL INFORMATION

CUSTOMER EFFECTS

Uniform Access Number (UAN): As described in Attachment B, UAN provides an intraLATA single number dialing service via a seven-digit number (440-XXXX) that can be used for specified LATAs or Calling Areas in the BellSouth region. Florida customers with wide service areas will benefit from being able to advertise the same seven-digit number throughout Southern Bell or the BellSouth Region. For this reason, UAN may be considered cross-elastic with 800 services. An important difference between 800 service and UAN is that UAN gives the subscriber's clients the appearance that they are calling a local number and talking to someone in their area when in actuality they may be talking to someone in a remote location.

Uniform Access Number will have application among all Information Service Providers, mainly Value Added Networks (VANs) or packet networks, videotext providers and telemarketing businesses. UAN is also anticipated to have application with other large business customers who wish to publicize a local calling number for their clients. For example, a utility may want to advertise a local number for repair service in all of its serving areas.

Custom Service Area (CSA): CSA allows customers to limit their market coverage by blocking calls from central offices not in their service area. Conversely, this feature allows the subscriber to define a specific geographical area (set of Central offices) within the LATA from which he will receive telephone calls.

CSA will allow customers to precisely segregate and target potential clients based on market factors rather than local telephone service area boundaries.

Automatic Number Identification (ANI): ANI provides the capability to have the switched network deliver the subscriber's client line billing number to the subscriber at the time the call is established.

ANI will be highly useful to subscribers providing gateway type services, voice messaging services, pay-per-view, alarm and security services, and telemarketing businesses. Additional markets identified are catalog sales, banks, health and insurance, wholesale, and businesses which provide for home delivery of their products (i.e. newspapers, pizza delivery, etc.).

Call Detail Information: This feature is an arrangement that provides a monthly record of terminating traffic to the subscriber.

Uniform Access Number is the founding block for this set of services. All of these services require subscription to UAN.

UNIFORM ACCESS NUMBER (UAN)
CUSTOM SERVICE AREA (CSA)
AUTOMATIC NUMBER IDENTIFICATION (ANI)
CALL DETAIL INFORMATION

REVENUE INFORMATION

A unit contribution analysis for rate elements associated with each feature/service is provided below:

<u>Rate Element</u>	<u>USOC</u>	<u>Nonrecurring Charges/Costs</u>		
		<u>Unit Cost</u>	<u>Unit Revenue</u>	<u>% Contribution</u>
UAN per TOPS Tandem Office	UN9	\$447.43	\$585.00	30.7%
Each Additional UAN in same TOPS Tandem	UN9	65.25	85.00	30.3%
Reservation of UAN	UN9RS	13.39	18.00	34.4%
ANI Service Establishment, per TOPS Tandem office	ANA	15.66	25.00	59.6%
CSA per End Office Blocked	ASF	38.70	50.00	29.2%
Call Detail Info.-Monthly Record	CDU	805.43	1050.00	30.4%

**UNIFORM ACCESS NUMBER (UAN)
 CUSTOM SERVICE AREA (CSA)
 AUTOMATIC NUMBER IDENTIFICATION (ANI)
 CALL DETAIL INFORMATION**

REVENUE INFORMATION

<u>Rate Element</u>	<u>USOC</u>	<u>Recurring Charges/Costs</u>		<u>% Contribution</u>
		<u>Unit Cost</u>	<u>Unit Revenue</u>	
UAN per TOPS Tandem Office	UN9	0.00	1.00	*
Each Additional UAN in same TOPS Tandem	UN9	0.00	1.00	*
Reservation of UAN	UN9RS	0.00	30.00	*
CSA per End Office Blocked	ASF	.93	1.50	61.3%
Call Detail Info. - Monthly Record	CDU	80.87	85.00	5.11%

<u>Rate Element</u>	<u>USOC</u>	<u>Message Charges/Costs</u>		<u>Unit Contribution</u>
		<u>Message Cost</u>	<u>Message Revenue</u>	
UAN-Per Call Delivered	-	\$.05789	\$0.060	3.6%
ANI-Per ANI Delivered	-	.00297	0.015	405.1%
Call Detail Info-Per Message	-	.00075	0.005	566.7%

UAN-FL.WR1

FLORIDA
UAN/ANI
CSA, CALL DETAIL

Southern Bell - Florida
Attachment D-Section 2
Page 3 of 6

ANNUAL COST, REVENUE AND CONTRIBUTION ANALYSIS

	YEAR 1		
	--TOTAL REVENUES/COSTS--		
	REVENUES	COSTS	CONTRIBUTION
NONRECURRING	\$223,760.00	\$170,583.05	\$53,176.95
RECURRING	\$7,230.00	\$5,131.20	\$2,098.80
MESSAGES	\$497,683.40	\$426,016.77	\$71,666.63
TOTALS	\$728,673.40	\$601,731.02	\$126,942.38

NOTES:

- (1) TOTAL NONRECURRING COSTS, REVENUES AND CONTRIBUTION WERE OBTAINED FROM ATT. D, PAGE 5, COLS. F, D AND H RESPECTIVELY.
- (2) TOTAL RECURRING COSTS, REVENUES AND CONTRIBUTION WERE OBTAINED FROM ATT. D, PAGE 4, COLS. G, E AND I RESPECTIVELY.
- (3) TOTAL MESSAGE COSTS, REVENUES AND CONTRIBUTION WERE OBTAINED FROM ATT. D, PAGE 6, COLS. D, F AND G RESPECTIVELY.

UAN-FL.WR1

FLORIDA
UAN, CSA
CALL DETAIL

Southern Bell - Florida
Attachment D-Section 2
Page 4 of 6

ANNUAL COST, REVENUE AND CONTRIBUTION ANALYSIS

YEAR 1
-- MONTHLY REVENUES --

A	B	C	D	E	F	G	H	I	J
FEATURE	YEAR END ESTIMATED QUANTITY	ANNUAL AVERAGE (B/2)	MONTHLY RATE	ANNUAL REVENUE (C X D X 12)	UNIT COST	ANNUAL COST (C X F X 12)	UNIT CONTRIBUTION (D-F)	ANNUAL CONTRIBUTION (C X H X 12)	PERCENT ANNUAL CONTRIBUTION (I/G)
UAN PER TOPS TANDEM OFFICE	280	140	\$1.00	\$1,680.00	\$0.00	\$0.00	\$1.00	\$1,680.00	NA
EA. ADD'L UAN IN SAME TOPS	0	0	\$1.00	\$0.00	\$0.00	\$0.00	\$1.00	\$0.00	NA
RESERVATION FOR UAN	0	0	\$30.00	\$0.00	\$0.00	\$0.00	\$30.00	\$0.00	NA
CSA PER END OFFICE BLOCKED	50	25	\$1.50	\$450.00	\$0.93	\$279.00	\$0.57	\$171.00	61.3%
CALL DETAIL INFO. MO. RECORD	10	5	\$85.00	\$5,100.00	\$80.87	\$4,852.20	\$4.13	\$247.80	5.1%
TOTALS				\$7,230.00		\$5,131.20		\$2,098.80	40.9%

UAN-FL.WR1

FLORIDA
UAN/ANI
CSA, CALL DETAIL

Southern Bell - Florida
Attachment D-Section 2
Page 5 of 6

ANNUAL COST, REVENUE AND CONTRIBUTION ANALYSIS

YEAR 1
-- NON-RECURRING REVENUES --

A	B	C	D	E	F	G	H	I
FEATURE	QUANTITY INSTALLED	NON RECURRING RATE	REVENUE (B X C)	UNIT COST	TOTAL COST (B X E)	UNIT CONTRIBUTION	ANNUAL CONTRIBUTION (B X G)	PERCENT ANNUAL CONTRIBUTION (H/G)
UAN PER TOPS TANDEM OFFICE	351	\$585.00	\$205,335.00	\$447.43	\$157,047.93	\$137.57	\$48,287.07	30.7%
EA. ADD'L UAN IN SAME TOPS	0	\$85.00	\$0.00	\$65.25	\$0.00	\$19.75	\$0.00	NA
RESERVATION FOR UAN	0	\$18.00	\$0.00	\$13.39	\$0.00	\$4.61	\$0.00	NA
CSA PER END OFFICE BLOCKED	70	\$50.00	\$3,500.00	\$38.70	\$2,709.00	\$11.30	\$791.00	29.2%
CALL DETAIL INFO. NO. RECORD	10	\$1,050.00	\$10,500.00	\$805.43	\$8,054.30	\$244.57	\$2,445.70	30.4%
ANI SVCE. ESTAB. PER TOPS TANDEM OFC	177	\$25.00	\$4,425.00	\$15.66	\$2,771.82	\$9.34	\$1,653.18	59.6%
TOTALS			\$223,760.00		\$170,583.05		\$53,176.95	31.2%

UAN-FL.WR1

FLORIDA
UAN/ANI
CALL DETAIL

Southern Bell - Florida
Attachment D-Section 2
Page 6 of 6

ANNUAL COST, REVENUE AND CONTRIBUTION ANALYSIS

YEAR 1
-- MESSAGE CHARGES --

A	B	C	D	E	F	G	H
FEATURE	TOTAL CALLS PER YEAR	COSTS PER CALL	ANNUAL COSTS (B X C)	RATE PER CALL	ANNUAL REVENUE (B X E)	ANNUAL CONTRIBUTION (F - D)	PERCENT CONTRIBUTION (G/D)
AUTOMATIC NUMBER IDENTIFICATION	4,638,351	0.0030	\$13,915.05	0.015	\$69,575.27	\$55,660.22	400.0%
UNIFORM ACCESS NUMBER	7,113,963	0.0579	\$411,898.46	0.060	\$426,837.78	\$14,939.32	3.6%
CALL DETAIL INFO MO RECORD	254,070	0.0008	\$203.26	0.005	\$1,270.35	\$1,067.09	525.0%
TOTALS			\$426,016.77		\$497,683.40	\$71,666.63	16.8%

**UNIFORM ACCESS NUMBER (UAN)
CUSTOM SERVICE AREA (CSA)
AUTOMATIC NUMBER IDENTIFICATION (ANI)
CALL DETAIL INFORMATION**

COST INFORMATION

- 1. Cost summaries for cost study elements supporting the rates for individual rate elements in this package are attached.**
- 2. The Cost of Money factor utilized in the cost studies is 13.00%.**
- 3. Pages 5, 6, and 7 in this attachment summarize the assumptions made in the UAN, ANI and CSA cost studies, respectively.**

**UNIFORM ACCESS NUMBER (UAN)
CUSTOM SERVICE AREA (CSA)
AUTOMATIC NUMBER IDENTIFICATION (ANI)
CALL DETAIL INFORMATION**

Summary of Nonrecurring Costs for UAN Service:

	<u>Installation</u>	<u>Disconnect</u>	<u>Total</u>
Service Establishment, Per Occurrence	\$157.13	\$129.50	\$286.63
Service Establishment, Per Occurrence, Per TOPS	52.38	43.17	95.55
Service Establishment, Per UAN Per TOPS	<u>35.77</u>	<u>29.48</u>	<u>65.25</u>
Total Nonrecurring Costs for First UAN in TOPS Tandem Office	\$245.28	\$202.15	\$447.43
Per Additional UAN Per TOPS	35.77	29.48	65.25
UAN Reservation Per NPA, Per Occurrence	7.34	6.05	13.39

Summary of Nonrecurring Costs for ANI:

Service Establishment, Per TOPS Tandem Office	12.05	3.61	15.66
--	-------	------	-------

Summary of Nonrecurring Costs for CSA:

Service Establishment, Per End Office Blocked	19.72	18.98	38.70
--	-------	-------	-------

Summary of Nonrecurring Costs for Call Detail:

Nonrecurring Costs, Per Customer	-	-	805.43
-------------------------------------	---	---	--------

UNIFORM ACCESS NUMBER (UAN)
CUSTOM SERVICE AREA (CSA)
AUTOMATIC NUMBER IDENTIFICATION (ANI)
CALL DETAIL INFORMATIONSummary of Costs Per Call for UAN:

Switching Costs:	\$.00098
Network Cost:	.05067
Network Setup Cost:	.00095
Billing:	<u>.00529</u>
Total Costs Per Call:	\$.05789

Summary of Costs Per Call for ANI:

Switching Costs:	\$.00188
Network Setup Cost:	.00002
Billing:	<u>.00107</u>
Total Costs Per Call:	\$.00297

Summary of Recurring Costs Per End Office Blocked for CSA:

Monthly Cost*:	\$.93436
----------------	-----------

*Assumes that 10% of all UAN/ANI calls will be blocked.

**UNIFORM ACCESS NUMBER (UAN)
CUSTOM SERVICE AREA (CSA)
AUTOMATIC NUMBER IDENTIFICATION (ANI)
CALL DETAIL INFORMATION**

Summary of Recurring Costs for Call Detail:

Monthly Administrative Costs: \$80.87

Summary of Costs Per Call for Call Detail:

CPU Costs Per Message: \$.00075

Uniform Access Number (UAN)
Cost Study: 891010

Southern Bell - Florida
Section 2
Attachment E
Page 5 of 7

Summary of Costs

Assumptions Used in Cost Study

- 1 | Study Period = 3 years.
- 2 | Cost of Money = 13.00% (in SC, COM = 14.05%).
- 3 | Discount Rate = 12.5% = Prime Rate + 2%
- 4 | Software: existing software is used, so there are no Right to Use Fees.
- 5 | No independent end offices or facilities to these offices were considered, per Network Planning.
- 6 | The network that runs from each end office to its serving TOPS switch is fiber.
- 7 | Nonrecurring costs for UAN associated with setting up the network were spread over five years and recovered by the forecasted number of calls, per the product manager. Service establishment charges reflect only those costs caused by setting up the service for a specific customer.
- 8 | Trunk mileage from each end office to its TOPS office was calculated using the V & H coordinates of each and the Route-to-Air ratio for each state.
- 9 | Utilization levels for the network interface equipment in the central offices were obtained from the interoffice facilities group and are as follows:
Southern Bell = 85%
South Central Bell = 80%
- 10 | The cost of switching calls from each local end office to the UAN trunk network is covered by Local Service charges. The cost of switching in the TOPS switch is included in this study.
- 11 | The average distance between TOPS and End Offices is a weighted average developed using network trunking data from the previous UAN study.

Costs included in this study:

- switching costs in the TOPS office.
- Trunk Network equipment costs.
- Network setup: amortized over a 5-year network life and recovered by forecasted calls.
- Service establishment costs for a specific UAN customer.
- Billing costs.

UAN2\SUBBARY.UR1

01/29/90
11:00 AM

Automatic Number Identification (ANI)
Cost Study: 891011

Southern Bell - Florida
Section 2
Attachment E
Page 6 of 7

Summary of Costs

Assumptions Used in Cost Study

- 1 Study Period = 3 years.
- 2 Cost of Money = 13.00% (in SC, COI = 14.05%)
- 3 Discount Rate = 12.5% = Prime Rate + 2%
- 4 Software: Used only in the TSPS switch. Existing software is used.
- 5 Marketing time is recovered in the UAM nonrecurring study because ANI would be explained in detail during the UAM customer presentation.
- 6 No independent end offices or facilities to these offices were considered, per Network Planning.
- 7 Nonrecurring costs for ANI associated with setting up the network to send ANI were spread over 5 years and recovered by the forecasted number of calls, per the product manager. Service establishment charges reflect only those costs caused by setting up the service for a specific customer.

Costs included in this study:

- switching costs: 1AESS, DNS-100, SESS, DNS-200 costs were weighted per the deployment forecast (which was developed using Network Access Lines).
- Network setup: amortized over a 5-year network life and recovered by forecasted calls.
- Service establishment costs.

Custom Serving Area (CSA)
Cost Study: 891012

Southern Bell - Florida
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Page 7 of 7

Summary of Costs

Assumptions Used in Cost Study

- 1 | Study Period = 3 years.
- 2 | Cost of Money = 13.00% (in SC, COM = 14.05%)
- 3 | Discount Rate = 12.5% = Prime Rate + 2%
- 4 | Software: Used only in the TOPS switch. Existing software is used.
- 5 | Marketing time is recovered in the UAN nonrecurring study because CSA would be explained in detail during the UAN customer presentation.
- 6 | The forecasted number of blocked calls from each end office per customer was not provided. The cost of blocking an EO was therefore developed at 1%, 5% and 10% assumed levels of call blocking. This yielded a cost range.
- 7 | The cost of the announcement channel in the TOPS switch was spread over the End Offices it would serve. It was assumed at least one customer would block each end office.

Costs included in this study:

- announcement channel fixed and usage-based costs in the TOPS switch.
- memory costs associated with the announcement channel in the TOPS switch.
- service establishment costs in the TOPS switch (translations).

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Miami, Florida

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A.

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AUTOTAS Answering System Concentrator	A108.4 (M)
Auxiliary Line Service (Inward Service)	A3.4.2 (M)
Availability of Facilities	A2.3.1 (M)

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NINTH
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Cancels Seventh Revised Page 3
~~Seventh~~
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C.

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Cancellation of Service for Cause	A2.2.10
Cellular Carrier Listing	A6.7.3
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Central Office Battery Reversal	A14.2
Central Office Concentrator Service	A8.3
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A13. MISCELLANEOUS SERVICE ARRANGEMENTS

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A3. BASIC LOCAL EXCHANGE SERVICE

A3.28 Trunk Side Access Facility (Cont'd)

A3.28.3 Rates and Charges

A. Access Line Charges

1. The following rates and charges are for trunk-side connected local exchange access facilities for use with Uniform Access Number/Automatic Number Identification Service and are applicable to individual business lines, PRX trunks, MegaLink® channel service or LightGate® service lines.

a. Facilities Connected at a TOPS Tandem Office^{1,2}

(1) Single Voice Grade Facility, Rate Groups 1-6

	Group						USOC
	1	2	3	4	5	6	B1E
(a) Per Facility	\$44.77	\$46.97	\$49.39	\$51.59	\$53.88	\$55.99	(N)

(2) Single Voice Grade Facility, Rate Groups 7-12

	Group						USOC
	7	8	9	10	11	12	B1E
(a) Per Facility	\$57.86	\$59.73	\$61.49	\$62.81	\$64.13	\$65.23	(N)

(3) MegaLink® channel service, Rate Groups 1-6

	Group						USOC
	1	2	3	4	5	6	60M
(a) Per NAR	\$20.59	\$21.81	\$22.72	\$23.73	\$24.69	\$25.76	(N)

(4) MegaLink® channel service, Rate Groups 7-12

	Group						USOC
	7	8	9	10	11	12	60M
(a) Per NAR	\$26.62	\$27.48	\$28.29	\$28.89	\$29.50	\$30.01	(N)

(5) LightGate® service, Rate Groups 1-6

	Group						USOC
	1	2	3	4	5	6	60G
(a) Per NAR	\$20.59	\$21.81	\$22.72	\$23.73	\$24.69	\$25.76	(N)

(6) LightGate® service, Rate Groups 7-12

	Group						USOC
	7	8	9	10	11	12	60G
(a) Per NAR	\$26.62	\$27.48	\$28.29	\$28.89	\$29.50	\$30.01	(N)

Note 1: The TOPS tandem trunk is required for Automatic Number Identification (ANI) service. Uniform Access Number (UAN) is required for ANI service.

Note 2: Rates shown are same as rates specified in A3.4.2.C. and A3.13.3.A. of this Tariff.

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A3. BASIC LOCAL EXCHANGE SERVICE

A3.28 Trunk Side Access Facility (Cont'd)

A3.28.3 Rates and Charges(Cont'd)

A. Access Line Charges (Cont'd)

1. (Cont'd)

a. Facilities Connected at a TOPS Tandem Office^{1,2} (Cont'd)

(7) Trunk Supervisory Signaling for Facilities Connected at a TOPS Tandem Office³

(e) Per Single Voice Grade Facility or NAR

Nonrecurring Charge	Monthly Rate	USOC	
\$-	\$-	BLMP+	(N)

A3.29 Outgoing Only Service

A3.29.1 General

- A. Outgoing Only Service provides outgoing only access to the network for residence and business customers desiring to have a line that cannot receive calls. (N)
- B. Outgoing only lines are capable of accessing all exchange access lines bearing the designation of central offices of the serving exchange and additional exchanges as shown in A3.3 Local Calling Areas, of this Tariff. (M)
- C. Residence outgoing only lines are charged on a flat rate basis at a rate equal to the associated residence individual line flat rate service for an exchange. Business outgoing only lines are offered on both a flat rate and a message rate basis at rates equal to the exchange's associated business individual line flat rate or message rate, respectively. (An outgoing only message rate line has the same allowance and charge for messages over the allowance as is applicable for a Business Message Rate Individual Line). In addition, where Local Measured Service is currently available, residence and business outgoing only lines are offered on a measured basis at the same associated measured access line and usage rates and with the same allowances as the individual (two-way) measured lines. (See A3.8 Local Exceptions) (M)
- D. Calls to the telephone number associated with this service will be routed to an appropriate central office recording. (M)
- E. The telephone number associated with this service will not be published. (M)
- F. This service will be allowed to work as the open end of Foreign Exchange Service, unless otherwise specified. (M)

Note 1: The TOPS tandem trunk is required for Automatic Number Identification (ANI) service. Uniform Access Number (UAN) is required for ANI service. (N)

Note 2: Rates shown are same as rates specified in A3.4.2.C. and A3.13.3.A. of this Tariff. (N)

Note 3: One trunk supervisory signaling rate element is always required per single voice grade facility, or MegaLink® channel service NAR, or LightGate® service NAR terminated at a TOPS tandem office. (N)

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A13. MISCELLANEOUS SERVICE ARRANGEMENTS

A13.56 Hot Line Service (Cont'd)

A13.56.2 Rates and Charges

A. Hot Line Service

The rates and charges for this service are in addition to the service and monthly charges for individual line service found in Sections A3. and A4. of this Tariff, respectively.

1. Per Individual Line

	Nonrecurring Charge	Monthly Rate	USOC
(a) Residence	\$2.00	\$.50	MLS
(b) Business	2.00	.50	MLS

A13.57 Warm Line Service

A13.57.1 General

- A. Warm Line Service** provides a customer who has basic exchange line service with time delayed automatic dialing capability. When the customer goes off-hook and initiates dialing within the time delay period (0-20 seconds), the call proceeds normally as dialed. If dialing does not commence within the time delay period, a predetermined telephone number is automatically dialed. The predetermined telephone number and time delay period are selected by the customer at the time service is established and can be changed only via service order.
- B. Warm Line Service** may be used only in connection with individual line service.
- C. Warm Line Service** is furnished only from central offices which have been arranged to provide this service and is provided subject to the availability of facilities.

A13.57.2 Rates and Charges

A. Warm Line Service

The rates and charges for this service are in addition to the service and monthly charges for individual line service found in Sections A3. and A4. of this Tariff, respectively.

1. Per Individual Line

(a) Residence	10.00	.50	WLS
(b) Business	25.00	.50	WLS

A13.58 Uniform Access Number (UAN) for LATA-wide Service

A13.58.1 Description of Service

- A. Uniform Access Number (UAN)** is an optional service which provides the customer with a uniform Business Line Telephone Number for client access to the customer's service. The client will be able to dial one number from all locations within the specified area and the call can be routed to a specified customer location within the LATA. UAN will be provided under the following terms and conditions.
 - 1. A UAN telephone number may not be accessed by 0+ or 1+ toll calls. Also, no operator assisted calls will be permitted to be placed to UANs, nor will third party billing or collect toll calls be permitted to be billed to UANs.**
 - 2. The assigned telephone number will have a dedicated NXX.**

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

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A13. MISCELLANEOUS SERVICE ARRANGEMENTS**A13.58 Uniform Access Number (UAN) for LATA-wide Service (Cont'd)****A13.58.1 Description of Service (Cont'd)****A. (Cont'd)**

3. UAN can be delivered through a line side connection or a trunk side connection as specified in A3.28 of this Tariff, but not simultaneously for the same dedicated NXX number. A trunk side connection is required if UAN is used with Automatic Number Identification (ANI). (N)
4. Line Side connections are made through regular exchange access lines (e.g., individual business lines, PBX trunk, etc.). Trunk side connections are made via Trunk Side Access Facilities. (N)
5. Nonrecurring charges apply for each UAN per Traffic Operator Position System (TOPS) tandem office. Where more than one UAN is established at the same TOPS tandem location for the same customer and the UANs are ordered and installed at the same time, the first nonrecurring charge rate element applies to the first UAN. Each additional UAN number will be billed at the additional service installed rate. The same nonrecurring charges and application apply per TOPS tandem for number changes requested by the customer subsequent to the original UAN assignment. (N)
6. Number changes required for Company reasons will not incur the Service Establishment Charge. (N)
7. A customer may reserve UANs to meet his specified growth requirements at specific locations. In the event the customer elects not to be provided with reserved UANs, assignment of these UANs cannot be assured. (N)
8. This service includes preassigned UANs. Such telephone numbers will be removed from reserved status and assigned as active UANs as requested by the customer. (N)
9. The assignment of UANs is made at the discretion of the Company. Special numbers are furnished subject to the availability of numbers. (N)
10. The service is furnished subject to the availability of UANs. (N)
11. Limitations and use of service as stated in Section A2. of this Tariff will apply. (N)
12. Calls to a disconnected UAN will be routed to intercept over announcement facilities; however, the announcement provided will not refer the caller to another telephone number. (N)
13. Directory Listing may be provided for UAN service at rates applicable for additional business or foreign listings as covered in Section A6. of this Tariff. (N)
14. No local measured or message rate service charges or long distance message telecommunications service charges will be collected from end users for calls to a Uniform Access Number customer. (N)
15. Access to UAN may not be available to certain classes of service. (N)

A13.58.2 Regulations

- A. A UAN can be used for only one customer in an NPA. All usage will be combined and billed per account per Revenue Accounting Office. (N)
- B. The UAN monthly rate is applicable on a per telephone number per TOPS tandem office basis. (N)
- C. The customer must be located within the same state as the TOPS office that is providing LATA-wide UAN service. (N)
- D. UAN service will be provided within a maximum of thirty (30) days after the customer's request for service has been processed in order to allow the Company sufficient time for implementation. (N)

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A13. MISCELLANEOUS SERVICE ARRANGEMENTS

A13.58 Uniform Access Number (UAN) for LATA-wide Service (Cont'd)

(N)

(N)

(N)

A. A customer may reserve UANs in NPAs where the customer does not have service in order to insure expansion to other areas with the same UAN; however, a customer must implement a UAN in at least one LATA in BellSouth territory in order to reserve the UAN in other NPAs. In the event that the customer elects not to be provided with reserved UANs, telephone numbers cannot be assured for the customer's requirements in other NPAs.

B. The assignment of UANs is made at the discretion of the Company. Special numbers are furnished subject to the availability of numbers.

C. The service is furnished subject to the availability of UANs.

D. Calls to reserved (unassigned) UANs will be routed to recorded announcement facilities.

E. UANs furnished herein retain their reserve status until removed by the customer from the reserved status or assigned as a UAN at which time the service assumes rates and charges applicable to UAN.

F. Reservation of UAN rates will be billed until the number is removed from reserved status or billed as an active UAN in at least one LATA within an NPA.

G. A service order charge per NPA is applicable in addition to the nonrecurring charge for reservation of UAN.

A13.58.4 Rates and Charges

A. Uniform Access Number for LATA-wide Service

(1) Per UAN, per TOPS Tandem Office

	Nonrecurring Charge	Monthly Rate	USOC
(a) First UAN in TOPS Tandem Office	\$585.00	\$1.00	UN9
(b) Each Additional UAN in the same TOPS Tandem Office	85.00	1.00	UN9

(2) Per Call Delivered

	Rate	USOC
(a) Each	\$.86	NA

B. Reservation of UAN

(1) Establish Reserve Status

	Nonrecurring Charge	Monthly Rate	USOC
(a) Per UAN, per NPA	\$18.00	\$30.00	UN9RS

A13.59 Automatic Number Identification (ANI)

A13.59.1 Description of Service

A. Automatic Number Identification (ANI) is a feature that provides the customer with the client's station Billing Number at the time a call is established through a trunk side network connection.

1. ANI is available where facilities or arrangements permit.

2. ANI will only be delivered on intraLATA calls.

3. Uniform Access Number (UAN) in A13.58.4 is required for ANI.

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A13. MISCELLANEOUS SERVICE ARRANGEMENTS

A13.60 Custom Service Area (CSA) (Cont'd)

A13.60.3 Rates and Charges

A. Custom Service Area

(1) Blocking Capability

(a) Per End Office Blocked

Nonrecurring Charge	Monthly Rate	USOC
\$50.00	\$1.50	ASF

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

A13.61 Reserved For Future Use

A13.62 Call Detail Information

A13.62.1 Description of Service

- A. Call Detail Information is an arrangement to provide a monthly record, by Uniform Access Number (UAN) UAN per Revenue Accounting Office, of terminating traffic to the customer. Call Detail Information is provided only in conjunction with UAN in A13.58.4.**
- B. Call Detail Information may be provided on any UAN subscribed for by the customer and will include toll call detail. The call detail information will include the calling telephone number, the UAN, date, time of day and call duration.**
- C. Call Detail Information will be provided on magnetic tape. The tape density and number of tracks will be that used by the program and data processing system in use by the Company's accounting center furnishing the tape. The format may be changed to serve the Company's purposes and the customer will be responsible for making the tape compatible with his data processing equipment.**
- D. A magnetic tape will be provided by the Company on each occasion Call Detail Information is furnished to the customer. The tape becomes the property of the customer on a "no exchange" basis and it may not be returned to the Company for reuse.**

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

A13.62.2 Regulations

- A. Call Detail Information may be offered where facilities permit and where the Company's message billing process has been arranged to provide this optional feature.**
- B. Call Detail Information is not represented to be a provision of billing detail.**

(N)
(N)
(N)

A13.62.3 Rates and Charges

A. Call Detail Information

(1) Monthly Record

(a) Per occasion

(2) Per Message

(a) Each

1,050.00	85.00	CDU
	Rate	USOC
	\$.005	NA

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

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A13. MISCELLANEOUS SERVICE ARRANGEMENTS

A13.59 Automatic Number Identification (ANI) (Cont'd)

A13.59.1 Description of Service (Cont'd)

A. (Cont'd)

- 4. ANI requires a direct trunk side connection to a Traffic Operator Position System (TOPS) tandem office. Direct trunk side connections to TOPS tandem offices are made via Trunk Side Access Facilities provided in A3.28 of this Tariff.
- 5. Additional Foreign Exchange (FX) or Foreign Central Office (FCO) interoffice channel mileage charges are applicable depending on distance between the customer's serving wire center and the TOPS tandem office.

A13.59.2 Regulations

- A. ANI requires a service establishment charge incurred at the time of subscription and a call delivery charge incurred on a per call basis.
- B. A minimum of one Trunk Side Access Facility per TOPS tandem office is required when a customer subscribes to LATA-wide service when more than one TOPS location exists within the LATA if the customer desires service from all TOPS offices.

A13.59.3 Rates and Charges

A. Automatic Number Identification

(1) Service Establishment, per TOPS Tandem Office

(a) Per Uniform Access Number (UAN)

Nonrecurring Charge	USOC
<u>\$25.00</u>	<u>ANA</u>

(2) ANI Delivery

(a) Per ANI Delivered

Rate	USOC
<u>\$.015</u>	<u>NA</u>

A13.60 Custom Service Area (CSA)

A13.60.1 Description of Service

- A. Custom Service Area (CSA) service is an optional service which will allow the customer to define a specific geographical area within the LATA from which the customer can receive calls.
- 1. Uniform Access Number (UAN) service as provided in A13.58.2 is required in conjunction with CSA.
- 2. A CSA is established on a customer-specific basis.
- 3. The CSA function is provided as a blocking capability. Blocking is performed on an end office basis only and requires blocking of every NXX in that end office.

A13.60.2 Regulations

- A. When establishing a CSA, a nonrecurring charge applies per end office blocked.
- B. Recurring charges are applied per end office blocked.

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