

ATTACHMENT

"B"

921074-TP

STAFF'S 10/26/95 ORAL DATA REQUEST

DATE

11/20/95

ITEM NO. 1

PROPRIETARY:

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DOCUMENT NUMBER-DATE

11617 NOV 20 1995

FPSC-RECORDS/REPORTING

**LOCAL TRANSPORT RESTRUCTURE SUMMARY OF COSTS
FLORIDA - 07/17/95**

A. Switched Local Channel, per local channel:

	<u>A</u>	<u>B</u>	<u>C</u>
	<u>Recurring Costs</u>	<u>Nonrecurring Costs</u>	<u>Costs</u>
		<u>First</u>	<u>Add'l</u>
1. Voice Grade			
2-wire			
4-wire			
2. DS1			
3. DS3			

B. Switched Interoffice Channel-Switched Dedicated Transport:

	<u>Recurring Costs</u>	<u>Nonrecurring Costs</u>	<u>First</u>	<u>Add'l</u>
1. Voice Grade				
-per mile				
-facility termination				
2. DS0				
-per mile				
-facility termination				
3. DS1				
-per mile				
-facility termination				
4. DS3				
-per mile				
-facility termination				

C. Switched Interoffice Channel-Switched Common Transport, per access minute:

- per mile
- facilities termination

D. Access Tandem Switching:

- per access minute

E. Optional Features:

	<u>A</u>	<u>B</u>	<u>C</u>
	<u>Recurring Costs</u>	<u>Nonrecurring Costs</u>	<u>First Add'l</u>
Channelization-DS3			
-DS3 to DS1, per arrangement			
C. O. Channel Interoffice, per DS1			

NOTE: Average additional channels per Access Service Request (ASR) = 41.59 channels, based on year end 1994 data.

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**LOCAL TRANSPORT RESTRUCTURE SUMMARY OF COSTS
FLORIDA - 07/17/95**

E. Optional Features (Continued):

	A	B	C
	<u>Recurring Costs</u>	<u>Nonrecurring Costs</u>	<u>First Add'l</u>
Channelization-DS1 -DS1 to DS0 or analog, per system		—	—
C. O. Channel Interoffice, per interface			
Switched Access CCSAC Links		--	--

NOTE: Average additional channels per Access Service Request (ASR) = 41.59 channels, based on year end 1994 data.

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**LOCAL TRANSPORT RESTRUCTURE SUMMARY OF COSTS
FLORIDA - 07/17/95**

NONRECURRING COSTS:

A. Switched Local Channel, per local channel: **A** **B**
Nonrecurring Costs
First Add'l

1. Voice Grade
2-wire
4-wire

2. DS1

3. DS3

B. Switched Interoffice Channel-Switched Dedicated Transport:
Nonrecurring Costs
First Add'l

1. Voice Grade
-per mile
-facility termination

2. DS0
-per mile
-facility termination

3. DS1
-per mile
-facility termination

4. DS3
-per mile
-facility termination

E. Optional Features: **A** **B**
Nonrecurring Costs
First Add'l

Channelization-DS3
-DS3 to DS1, per arrangement

C. O. Channel Interoffice, per DS1

NOTE: Average additional channels per Access Service Request (ASR) = 41.59 channels, based on year end 1994 data.

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**LOCAL TRANSPORT RESTRUCTURE SUMMARY OF COSTS
 FLORIDA - 07/17/95
NONRECURRING COSTS (cont'd):**

E. Optional Features (Continued):

	<u>A</u>	<u>B</u>
	Nonrecurring Costs	Nonrecurring Costs
	<u>First</u>	<u>Add'l</u>
Channelization-DS1 -DS1 to DS0 or analog, per system		
C. O. Channel Interoffice, per interface		
Switched Access	!	
CCSAC Links	--	--

NOTE: Average additional channels per Access Service Request (ASR) = 41.59 channels, based on year end 1994 data.

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LOCAL TRANSPORT RESTRUCTURE NONRECURRING COST DEVELOPMENT

Nonrecurring costs are one-time costs, and are incurred as a result of work activities associated with the origination, provisioning, installation and completion of orders initiated by customer requests for Local Transport Restructure.

DESCRIPTION OF PROCEDURES

The first step in developing nonrecurring costs is to determine the cost elements related to the study. These cost elements are then described by all of the individual work functions required to provision the service (an example of a work function is making a cross-connect in the Central Office). The work functions required to provide Local Transport Restructure can be grouped into four categories. These are:

Service Order	Engineering
Connect and Test	Travel

The next step in developing nonrecurring costs requires that company subject matter experts (SMEs) identify the work functions involved in the provisioning of Local Transport Restructure. These work functions are then used to describe the flow of work within the various work centers involved in provisioning Local Transport Restructure. Work functions within a work center are combined to establish a workflow for that center. The workflows include a list of all tasks and are used to identify unit work time data to be gathered.

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The next step in the development of nonrecurring costs is to determine work times for each work function, associated with the nonrecurring costs of Local Transport Restructure, by using subject matter expert evaluation.

In order to determine the total nonrecurring cost of Local Transport Restructure, the work times for each work function required to provide the service, are multiplied by the state specific directly assigned labor rate. These individual work function costs are accumulated into the total nonrecurring cost for each cost element studied. Nonrecurring costs are developed at the state level using state specific labor rates and work times.

INITIAL AND SUBSEQUENT

When channelization of DS3 to DS1, or DS1 to DS0, is ordered and provisioned, the first arrangement is considered the INITIAL service element installed. When another arrangement is ordered and provisioned at the same location for the same customer, the INITIAL is considered as stated above and the other arrangement is considered the subsequent.

When a channel interface for a DS1 is ordered and provisioned at the central office, the first interface is considered the INITIAL service element installed. When another interface is ordered and provisioned at the same location for the same customer, the INITIAL is considered as stated above and the other interface is considered

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the SUBSEQUENT.

FIRST AND ADDITIONAL

When one Local Transport Restructure switched local channel is ordered and provisioned at a telephone company central office or customer's premises, each is considered a FIRST service element installed. When more than one Local Transport Restructure switched local channel is ordered and provisioned at the same time for the same customer, the FIRST is considered as stated above and the others are considered ADDITIONAL.

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FLORIDA

SWITCHED DEDICATED TRANSPORT NONRECURRING COSTS

LOCAL TRANSPORT RESTRUCTURE COST SUMMARY

6.8 RATES AND CHARGES
6.8.1 SWITCHED TRANSPORT

		<u>USOC</u>	<u>NONRECURRING COSTS</u>	
			<u>FIRST</u>	<u>ADDITIONAL</u>
			<u>SERVICE</u>	<u>SERVICE</u>
			<u>INSTALLED</u>	<u>INSTALLED</u>
(A) SWITCHED LOCAL CHANNEL-				
-PER LOCAL CHNL				
(1) VOICE GRADE				
14	- TWO WIRE	TEFV2		
15	- FOUR WIRE	TEFV4		
(2) DS1 SERVICE				
17	- 1.544 MBPS	TEFHG		
(3) DS3 SERVICE				
19	- 44.736 MBPS	TEFHJ		

		<u>USOC</u>	<u>NO. COSTS</u>	<u>NONREC COSTS</u>	
				<u>FIRST</u>	<u>ADDL</u>
(B) SWITCHED INTEROFFICE CHANNEL					
(1) DEDICATED TRANSPORT					
A. VOICE GRADE					
27	- FACILITY TERM		1LSXF		
B. DS0 - 56/64 KBPS					
29	- FACILITY TERM		1LSXK		
C. DS1 - 1.544 MBPS					
31	- FACILITY TERM		1LSXL		
D. DS3 - 44.736 MBPS					
33	- FACILITY TERM		1LSXM		

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FLORIDA

SWITCHED DEDICATED TRANSPORT NONRECURRING COSTS
LOCAL TRANSPORT RESTRUCTURE COST SUMMARY

6.8 RATES AND CHARGES
6.8.1 SWITCHED TRANSPORT

	<u>USOC</u>	<u>NONREC CHG</u>
		<u>INITL</u> <u>SUBSQ</u>
A. DS3 CHANNELIZATION		
- DS3 TO DS1		
10 PER ARRANGEMENT	SATCS	
(I) CENTRAL OFFICE		
CHANNEL INTERFACE		
13 PER DS1	SATCO	
B. DS1 CHANNELIZATION		
- DS1 TO DSO OR		
14 ANALOG PER SYSTEM	SATC1	

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NONRECURRING COS.
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SWITCHED ACCESS SERVICES
SWITCHED TRANSPORT - SWITCHED LOCAL CHANNEL - VOICE GRADE - TWO WIRE - (USOC TEFV2)

FILE: N:\LTRYFL\LCVGM

22-Feb-95

(A) TOTAL COSTS INCURRED: 0.014700
(B) DISCOUNT RATE FOR DISCONNECT: 87.70%

FUNCTION	(C) INSTALL TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(D) DISCONNECT TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(E) LABOR RATE (\$ PER MIN.)	(F) = (C) * (E) *INSTALL COST* (DOLLARS) FIRST ADDITIONAL	(G) = (D) * (E) *DISCONNECT COST* (DOLLARS) FIRST ADDITIONAL	(H) = (G) * (B) *DISCOUNTED* (DOLLARS) FIRST ADDITIONAL	(I) = ((F)+(H)) * (1+(A)) *TOTAL COST* (DOLLARS) FIRST ADDITIONAL
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- I. SERVICE ORDER:
 - A. Marketing Implementation -
 - 1. Network (Premises) Marketing
 - B. Service Inquiry Processing -
 - 1. ICSC Customer Representative
 - 2. ISC Area TEAM MEMBER
 - 3. ISC Clerical Support
 - 4. Interofc. Fac. Crmt. Plng. Ctr.
 - 5. Distribution Svc's. Spt. Ctr.

- Total Service Inquiry Proc.
- C. Service Order Processing -
 - 1. ICSC Customer Representative
 - 2. Circuit Provisioning Ctr (CPC)
 - 3. Plug-In Control Center (PICS)
 - 4. Central Office:
 - Netwrk. Trnsl. Equip. Ctr. (NTEC)
 - Netwrk. Trnsl. Equip. Loc. (NTEL)
 - Special Services Center (SSC)

- Total Central Office
- 5. Netwrk. Instl. Cntrl. Ctr. (NICS)
- 6. Spl. Svcs. Instl. /mnt. (SSIN)

- Total Service Order Proc.
- D. Initiate Billing -
 - 1. Comptrollers Clerical

TOTAL SERVICE ORDER:

- II. ENGINEERING:
 - 1. Circuit Provisioning Ctr (CPC)
 - 2. Interofc. Fac. Crmt. Plng. Ctr.
 - 3. Distribution Svc's. Spt. Ctr.
 - 4. Loop Assignment Center (LAC)

TOTAL ENGINEERING:

- III. CONNECT AND TEST:
 - A. Central Office -
 - 1. NTEC and NTEL
 - 2. Special Services Center (SSC)

- Total Central Office
- B. Customer Premises -
 - 1. Spl. Svcs. Instl. /mnt. (SSIN)

TOTAL CONNECT AND TEST:

- IV. TRAVEL:
 - 1. Spl. Svcs. Instl. /mnt. (SSIN)

TOTAL NONRECURRING

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NONRECURRING COST SUMMARY - 1996 LEVEL DIRECTLY ASSIGNED - SWITCHED ACCESS SERVICES
 STATE: FLORIDA LOCAL TRANSPORT RESTRICTURE - SWITCHED TRANSPORT - SWITCHED LOCAL CHANNEL - VOICE GRADE - FOUR WIRE - (USOC TEFV4)
 (A) TOTAL COSTS INCLUDE A GROSS RECEIPTS TAX FACTOR OF: 0.014700
 (B) DISCOUNT RATE FOR DISCONNECT: 87.70%

FILE: H:\LTRA\FLLCV64M

22-Feb-95

FUNCTION	(C) INSTALL TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(D) DISCONNECT TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(E) LABOR RATE (\$ PER MIN.)	(F) = (C) * (E) *INSTALL COST* (DOLLARS) FIRST ADDITIONAL	(G) = (D) * (E) *DISCONNECT COST* (DOLLARS) FIRST ADDITIONAL	(H) = (G) * (B) *DISCOUNTED* *DISCONNECT COST* (DOLLARS) FIRST ADDITIONAL	(I) = ((F)+(H)) * (1+(A)) *TOTAL COST* (DOLLARS) FIRST ADDITIONAL
I. SERVICE ORDER:							
A. Marketing Implementation -							
1. Network (Premises) Marketing							
B. Service Inquiry Processing -							
1. ICSC Customer Representative							
2. ISC Area TEAM MEMBER							
3. ISC Clerical Support							
4. Interofc. Fac. Crnt. Ping. Ctr.							
5. Distribution Svc's. Spt. Ctr.							
Total Service Inquiry Proc.							
C. Service Order Processing -							
1. ICSC Customer Representative							
2. Circuit Provisioning Ctr (CPC)							
3. Plug-In Control System (PICS)							
4. Central Office:							
Network Trnsl. Equip. Ctr. (NTEC)							
Network Trnsl. Equip. Loc. (NTEL)							
Special Services Center (SSC)							
Total Central Office							
5. Ntwrk. Instl. Cntrl. Ctr. (NICS)							
6. Spcl. Svcs. Instl./Mnt. (SSIN)							
Total Service Order Proc.							
D. Initiate Billing -							
1. Comptrollers Clerical							
TOTAL SERVICE ORDER:							
II. ENGINEERING:							
1. Circuit Provisioning Ctr (CPC)							
2. Interofc. Fac. Crnt. Ping. Ctr.							
3. Distribution Svc's. Spt. Ctr.							
4. Loop Assignment Center (LAC)							
TOTAL ENGINEERING:							
III. CONNECT AND TEST:							
A. Central Office -							
1. NTEC and NTEL							
2. Special Services Center (SSC)							
Total Central Office							
B. Customer Premises -							
1. Spcl. Svcs. Instl./Mnt. (SSIN)							
TOTAL CONNECT AND TEST:							
IV. TRAVEL:							
1. Spcl. Svcs. Instl./Mnt. (SSIN)							
TOTAL NONRECURRING							

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NONRECURRING COST SUMMARY - 1996 LEVEL DIRECTLY ASSIGNED - SWITCHED ACCESS SERVICES

FILE: N:\LTVFL\LOST

STATE: FLORIDA

LOCAL TRANSPORT RESTRUCTURE - SWITCHED TRANSPORT - SWITCHED LOCAL CHANNEL - DS1 SERVICE - 1.544 Mbps - (USOC TEFNG)

22-Feb-95

(A) TOTAL COSTS INCLUDE A GROSS RECEIPTS TAX FACTOR OF: 0.014700

(B) DISCOUNT RATE FOR DISCONNECT: 87.70%

FUNCTION	(C) INSTALL TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(D) DISCONNECT TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(E) LABOR RATE (\$ PER MIN.)	(F) = (C) * (E) *INSTALL COST* (DOLLARS) FIRST ADDITIONAL	(G) = (D) * (E) *DISCONNECT COST* (DOLLARS) FIRST ADDITIONAL	(H) = (G) * (B) *DISCOUNTED* *DISCONNECT COST* (DOLLARS) FIRST ADDITIONAL	(I) = ((F)+(H))*(1+(A)) *TOTAL COST* (DOLLARS) FIRST ADDITIONAL
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I. SERVICE ORDER:

- A. Marketing Implementation -
 - 1. Network (Premises) Marketing
- B. Service Inquiry Processing -
 - 1. ICSC Customer Representative
 - 2. ISC Area TEAM MEMBER
 - 3. ISC Clerical Support
 - 4. Interfc. Fac. Crnt. Ping. Ctr.
 - 5. Distribution Svc's. Spt. Ctr.
 - 5. DSSC (CLERICAL)

Total Service Inquiry Proc.

- C. Service Order Processing -
 - 1. ICSC Customer Representative
 - 2. Circuit Provisioning Ctr (CPC)
 - 3. Plug-in Control System (PICS)
 - 4. Central Office:
 - Network Trnsl. Equip. Ctr. (NTEC)
 - Network Trnsl. Equip. Loc. (NTEL)
 - Special Services Center (SSC)

Total Central Office

- 5. Network Trnsl. Cntrl. Ctr. (NICS)
- 6. Spcl. Svcs. Instl./Wnt. (SSIN)

Total Service Order Proc.

- D. Initiate Billing -
 - 1. Comptrollers Clerical

TOTAL SERVICE ORDER:

II. ENGINEERING:

- 1. Circuit Provisioning Ctr (CPC)
- 2. Interfc. Fac. Crnt. Ping. Ctr.
- 3. Distribution Svc's. Spt. Ctr.
- 4. Loop Assignment Center (LAC)

TOTAL ENGINEERING:

III. CONNECT AND TEST:

- A. Central Office -
 - 1. Network Trnsl. Equip. Loc. (NTEL)
 - 2. Special Services Center (SSC)

Total Central Office

- B. Customer Premises -
 - 1. Spcl. Svcs. Instl./Wnt. (SSIN)

TOTAL CONNECT AND TEST:

IV. TRAVEL:

- 1. Spcl. Svcs. Instl./Wnt. (SSIN)

TOTAL NONRECURRING

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NONRECURRING COST - JANUARY - 1996 LEVEL DIRECTLY ASSIGNED - SWITCHED ACCESS - SWITCHED LOCAL CHANNEL - D&S SERVICE - 44.736 Mbps - (USOC TEFNJ)
 STATE: FLORIDA LOCAL TRANSPORT RESTRUCTURE - SWITCHED TRANSPORT - SWITCHED LOCAL CHANNEL - D&S SERVICE - 44.736 Mbps - (USOC TEFNJ)
 (A) TOTAL COSTS INCLUDE A GROSS RECEIPTS TAX FACTOR OF: 0.014700
 (B) DISCOUNT RATE FOR DISCONNECT: 87.70%

22-Feb-95

FUNCTION	(C) INSTALL TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(D) DISCONNECT TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(E) LABOR RATE (\$ PER MIN.)	(F) = (C) * (E) *INSTALL COST* (DOLLARS) FIRST ADDITIONAL	(G) = (D) * (E) *DISCONNECT COST* (DOLLARS) FIRST ADDITIONAL	(H) = (G) * (B) *DISCOUNTED* (DOLLARS) FIRST ADDITIONAL	(I) = ((F)+(H))* (1+(A)) *TOTAL COST* (DOLLARS) FIRST ADDITIONAL
I. SERVICE ORDER:							
A. Marketing Implementation -							
1. Network (Premises) Marketing							
B. Service Inquiry Processing -							
1. ISC Customer Representative							
2. ISC Area TEAM MEMBER							
3. ISC Clerical Support							
4. Interfc. Fac. Crnt. Ping. Ctr.							
5. Distribution Svc's. Spt. Ctr.							
Total Service Inquiry Proc.							
C. Service Order Processing -							
1. ISC Customer Representative							
2. Circuit Provisioning Ctr (CPC)							
3. Loop Assignment Center (LAC)							
4. Central Office:							
Network Transl. Equip. Ctr. (NTEC)							
Network Transl. Equip. Loc. (NTEL)							
Special Services Center (SSC)							
Total Central Office							
5. Network Instl. Cntrl. Ctr. (NICS)							
6. Spcl. Svcs. Instl./Mnt. (SSIN)							
Total Service Order Proc.							
D. Initiate Billing -							
1. Comptrollers Clerical							
TOTAL SERVICE ORDER:							
II. ENGINEERING:							
1. Circuit Provisioning Ctr (CPC)							
2. Interfc. Fac. Crnt. Ping. Ctr.							
3. Distribution Svc's. Spt. Ctr.							
4. Loop Assignment Center (LAC)							
TOTAL ENGINEERING:							
III. CONNECT AND TEST:							
A. Central Office -							
1. Network Transl. Equip. Loc. (NTEL)							
2. Special Services Center (SSC)							
Total Central Office							
B. Customer Premises -							
1. Spcl. Svcs. Instl./Mnt. (SSIN)							
TOTAL CONNECT AND TEST:							
IV. TRAVEL:							
1. Spcl. Svcs. Instl./Mnt. (SSIN)							
TOTAL NONRECURRING							

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FILE: N:\LTR\FL10\YIG2U.WR1

NONRECURRING COST SUMMARY - 1996 LEVEL DIRECTLY ASSIGNED -
STATE: FLORIDA LOCAL TRANSPORT RESTRICTION - SWITCHED TRANSPORT

OFFICE CHANNEL - VOICE GRADE - TWO WIRE - (USOC 1LSXF) 22-Feb-95

(A) TOTAL COSTS INCLUDE A GROSS RECEIPTS TAX FACTOR OF: 0.014700
(B) DISCOUNT RATE FOR DISCONNECT: 87.70%

	(C)	(D)	(E)	(F)	(G)	(H) = (G) * (B)	(I)
FUNCTION	INSTALL	DISCONNECT	LABOR	= (C) * (E)	= (D) * (E)	"DISCOUNTED"	= ((F)+(H)) * (1+(A))
	TOTAL WEIGHTED	TOTAL WEIGHTED	RATE	*INSTALL COST*	*DISCONNECT COST*	*DISCONNECT COST*	*TOTAL COST*
	WORK TIME (MINUTES)	WORK TIME (MINUTES)	(\$ PER MIN.)	(DOLLARS)	(DOLLARS)	(DOLLARS)	(DOLLARS)
	FIRST ADDITIONAL	FIRST ADDITIONAL		FIRST ADDITIONAL	FIRST ADDITIONAL	FIRST ADDITIONAL	FIRST ADDITIONAL

I. SERVICE ORDER:

- A. Marketing Implementation -
 - 1. Network (Promises) Marketing
- B. Service Inquiry Processing -
 - 1. ICSC Customer Representative
 - 2. ISC Area TEAM MEMBER
 - 3. ISC Clerical Support
 - 4. Interofc. Fac. Crnt. Ping. Ctr.
 - 5. Distribution Svc's. Spt. Ctr.
 - 5. SSC (CLERICAL)

Total Service Inquiry Proc.

- C. Service Order Processing -
 - 1. ICSC Customer Representative
 - 2. Circuit Provisioning Ctr(CPC)
 - 3. Plug-in Control System (PICS)
 - 4. Central Office:
 - Network Trnsl. Equip. Ctr. (NTEC)
 - Network Trnsl. Equip. Loc. (NTEL)
 - Special Services Center (SSC)

Total Central Office

- 5. Network Trnsl. Cntrl. Ctr. (NICS)
- 6. Spcl. Svcs. Instl./Mnt. (SSIM)

Total Service Order Proc.

- D. Initiate Billing -
 - 1. Comptrollers Clerical

TOTAL SERVICE ORDER:

II. ENGINEERING:

- 1. Circuit Provisioning Ctr(CPC)
- 2. Interofc. Fac. Crnt. Ping. Ctr.
- 3. Distribution Svc's. Spt. Ctr.
- 4. Loop Assignment Center (LAC)

TOTAL ENGINEERING:

III. CONNECT AND TEST:

- A. Central Office -
 - 1. Network Trnsl. Equip. Loc. (NTEL)
 - 2. Special Services Center (SSC)

Total Central Office

- B. Customer Premises -
 - 1. Spcl. Svcs. Instl./Mnt. (SSIM)

TOTAL CONNECT AND TEST:

IV. TRAVEL:

- 1. Spcl. Svcs. Instl./Mnt. (SSIM)

TOTAL NONRECURRING

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NONRECURRING COS: JUMMARY - 1996 LEVEL DIRECTLY ASSIGNED - SWITCHED ACCESS SERVICES - SWITCHED INTEROFFICE CHANNEL - DSO SERVICE - 56/64 Kbps - (USOC 1LSX) 22-Feb-95
 STATE: FLORIDA LOCAL TRANSPORT RESTRICTION - SWITCHED TRANSPORT

(A) TOTAL COSTS INCLUDE A GROSS RECEIPTS TAX FACTOR OF: 0.014700
 (B) DISCOUNT RATE FOR DISCONNECT: 87.70%

FUNCTION	(C) INSTALL TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(D) DISCONNECT TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(E) LABOR RATE (\$ PER MIN.)	(F) = (C) * (E) *INSTALL COST* (DOLLARS) FIRST ADDITIONAL	(G) = (D) * (E) *DISCONNECT COST* (DOLLARS) FIRST ADDITIONAL	(H) = (G) * (B) *DISCOUNTED* (DOLLARS) FIRST ADDITIONAL	(I) = ((F)+(H)) * (1+(A)) *TOTAL COST* (DOLLARS) FIRST ADDITIONAL
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I. SERVICE ORDER:

- A. Marketing Implementation -
 - 1. Network (Premises) Marketing
- B. Service Inquiry Processing -
 - 1. ICSC Customer Representative
 - 2. ISC Area TEAM MEMBER
 - 3. ISC Clerical Support
 - 4. Interofc. Fac. Crnt. Ping. Ctr.
 - 5. Distribution Svc's. Spt. Ctr.
 - 5. OSSC (CLERICAL)

Total Service Inquiry Proc.

- C. Service Order Processing -
 - 1. ICSC Customer Representative
 - 2. Circuit Provisioning Ctr(CPC)
 - 3. Plug-in Control System (PICS)
 - 4. Central Office:
 - Network Transm. Equip. Ctr. (NTEC)
 - Network Transm. Equip. Loc. (NTEL)
 - Special Services Center (SSC)

Total Central Office

- 5. Ntwrk. Instl. Centrl. Ctr. (NICS)
- 6. Spcl. Svcs. Instl./Mnt. (SSIN)

Total Service Order Proc.

- D. Initiate Billing -
 - 1. Comptrollers Clerical

TOTAL SERVICE ORDER:

II. ENGINEERING:

- 1. Circuit Provisioning Ctr(CPC)
- 2. Interofc. Fac. Crnt. Ping. Ctr.
- 3. Distribution Svc's. Spt. Ctr.
- 4. Loop Assignment Center (LAC)

TOTAL ENGINEERING:

III. CONNECT AND TEST:

- A. Central Office -
 - 1. Network Transm. Equip. Loc. (NTEL)
 - 2. Special Services Center (SSC)

Total Central Office

- B. Customer Premises -
 - 1. Spcl. Svcs. Instl./Mnt. (SSIN)

TOTAL CONNECT AND TEST:

IV. TRAVEL:

- 1. Spcl. Svcs. Instl./Mnt. (SSIN)

TOTAL NONRECURRING

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NONRECURRING COST SUMMARY - 1996 LEVEL DIRECTLY ASSIGNED - SWITCHED LOCAL TRANSPORT RESTRICTURE - SWITCHED CHANNEL - DS1 SERVICE - 1.544 Mbps - (USOC 1LSXL) 22-Feb-95

STATE: FLORIDA
 (A) TOTAL COSTS INCLUDE A GROSS RECEIPTS TAX FACTOR OF: 0.014700
 (B) DISCOUNT RATE FOR DISCONNECT: 87.70%

FUNCTION	(C) INSTALL TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(D) DISCONNECT TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(E) LABOR RATE (\$ PER MIN.)	(F) = (C) * (E) *INSTALL COST* (DOLLARS) FIRST ADDITIONAL	(G) = (D) * (E) *DISCONNECT COST* (DOLLARS) FIRST ADDITIONAL	(H) = (G) * (B) *DISCOUNTED* (DOLLARS) FIRST ADDITIONAL	(I) = ((F)+(H)) * (1+(A)) *TOTAL COST* (DOLLARS) FIRST ADDITIONAL
I. SERVICE ORDER:							
A. Marketing Implementation -							
1. Network (Premises) Marketing							
B. Service Inquiry Processing -							
1. ICSC Customer Representative							
2. ISC Area TEAM MEMBER							
3. ISC Clerical Support							
4. Interofc. Fac. Crnt. Ping. Ctr.							
5. Distribution Svc's. Spt. Ctr.							
6. OSSC (CLERICAL)							
Total Service Inquiry Proc.							
C. Service Order Processing -							
1. ICSC Customer Representative							
2. Circuit Provisioning Ctr (CPC)							
3. Plug-in Control System (PICS)							
4. Central Office: Neturk. Trnml. Equip. Ctr. (NTEC) Neturk. Trnml. Equip. Loc. (NTEL) Special Services Center (SSC)							
Total Central Office							
5. Neturk. Instl. Cntrl. Ctr. (NICS)							
6. Spcl. Svcs. Instl./Mnt. (SSIM)							
Total Service Order Proc.							
D. Initiate Billing -							
1. Comptrollers Clerical							
TOTAL SERVICE ORDER:							
II. ENGINEERING:							
1. Circuit Provisioning Ctr (CPC)							
2. Interofc. Fac. Crnt. Ping. Ctr.							
3. Distribution Svc's. Spt. Ctr.							
4. Loop Assignment Center (LAC)							
TOTAL ENGINEERING:							
III. CONNECT AND TEST:							
A. Central Office -							
1. Neturk. Trnml. Equip. Loc. (NTEL)							
2. Special Services Center (SSC)							
Total Central Office							
B. Customer Premises -							
1. Spcl. Svcs. Instl./Mnt. (SSIM)							
TOTAL CONNECT AND TEST:							
IV. TRAVEL:							
1. Spcl. Svcs. Instl./Mnt. (SSIM)							
TOTAL NONRECURRING							

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NONRECURRING COS. JANUARY - 1996 LEVEL DIRECTLY ASSIGNED - SWITCHED
 STATE: FLORIDA LOCAL TRANSPORT RESTRICTURE - SWITCHED TRANSPORT SWITCHED
 (A) TOTAL COSTS INCLUDE A GROSS RECEIPTS TAX FACTOR OF: 0.014700
 (B) DISCOUNT RATE FOR DISCONNECT: 87.70%

15-Mar-95

FUNCTION	(C) INSTALL TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(D) DISCONNECT TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(E) LABOR RATE (\$ PER MIN.)	(F) = (C) * (E) *INSTALL COST* (DOLLARS) FIRST ADDITIONAL	(G) = (D) * (E) *DISCONNECT COST* (DOLLARS) FIRST ADDITIONAL	(H) = (G) * (B) *DISCOUNTED* (DOLLARS) FIRST ADDITIONAL	(I) = ((F)+(H))*(1+(A)) *TOTAL COST* (DOLLARS) FIRST ADDITIONAL
I. SERVICE ORDER:							
A. Marketing Implementation -							
1. Network (Premises) Marketing							
B. Service Inquiry Processing -							
1. ISC/ Customer Representative							
2. ISC Area TEAM MEMBER							
3. ISC Clerical Support							
4. Interfc. Fac. Crnt. Ping. Ctr.							
5. Distribution Svc's. Spt. Ctr.							
5. DSSC (CLERICAL)							
Total Service Inquiry Proc.							
C. Service Order Processing -							
1. ICSC Customer Representative							
2. Circuit Provisioning Ctr(CPC)							
3. Loop Assignment Center(LAC)							
4. Central Office:							
Network Transl. Equip. Ctr. (NTEC)							
Network Transl. Equip. Loc. (NTEL)							
Special Services Center (SSC)							
Fac. Ntce. Admin. Ctr. (FNAC)							
Total Central Office							
5. Ntwrk. Instl. Cntrl. Ctr. (NICS)							
6. Spcl. Svcs. Instl./Mnt. (SSIN)							
Total Service Order Proc.							
D. Initiate Billing -							
1. Comptrollers Clerical							
TOTAL SERVICE ORDER:							
II. ENGINEERING:							
1. Circuit Provisioning Ctr(CPC)							
2. Interfc. Fac. Crnt. Ping. Ctr.							
3. Fac. Ntce. Admin. Ctr. (FNAC)							
4. Plug-in Control System(PICS)							
TOTAL ENGINEERING:							
III. CONNECT AND TEST:							
A. Central Office -							
1. Network Transl. Equip. Loc. (NTEL)							
2. Special Services Center (SSC)							
3. Fac. Ntce. Admin. Ctr. (FNAC)							
Total Central Office							
B. Customer Premises -							
1. Spcl. Svcs. Instl./Mnt. (SSIN)							
TOTAL CONNECT AND TEST:							
IV. TRAVEL:							
1. Spcl. Svcs. Instl./Mnt. (SSIN)							
TOTAL NONRECURRING							

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NONRECURRING COST SUMMARY - 1996 LEVEL DIRECTLY ASSIGNED - SWITCHED ACCESS SERVICES
 STATE: FLORIDA LOCAL TRANSPORT RESTRUCTURE - SWITCHED TRANSPORT - OPTIONAL FEATURES CHANNELIZATION - DS3 TO DS1 - (USOC SATCS)

(A) TOTAL COSTS INCLUDE A GROSS RECEIPTS TAX FACTOR OF: 0.014700
 (B) DISCOUNT RATE FOR DISCONNECT: 87.70%

FUNCTION	(C) INSTALL TOTAL WEIGHTED WORK TIME (:/MINUTES) FIRST ADDITIONAL	(D) DISCONNECT TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(E) LABOR RATE (\$ PER MIN.)	(F) = (C) * (E) *INSTALL COST* (DOLLARS) FIRST ADDITIONAL	(G) = (D) * (E) *DISCONNECT COST* (DOLLARS) FIRST ADDITIONAL	(H) = (G) * (B) *DISCOUNTED* (DOLLARS) FIRST ADDITIONAL	(I) = ((F)+(H)) * (1+(A)) *TOTAL COST* (DOLLARS) FIRST ADDITIONAL
----------	---	--	--	---	--	--	---

- I. SERVICE ORDER:
- A. Marketing Implementation -
 - 1. Network (Premises) Marketing
 - B. Service Inquiry Processing -
 - 1. ICSC Customer Representative
 - 2. ISC Area TEAM MEMBER
 - 3. ISC Clerical Support
 - 4. Interfc. Fac. Crnt. Ping. Ctr.
 - 5. Distribution Svc's. Spt. Ctr.
 - 5. DSSC (CLERICAL)

- C. Service Order Processing -
- 1. ICSC Customer Representative
 - 2. Circuit Provisioning Center (CPC)
 - 3. Plug-in Control System (PICS)
 - 4. Central Office:
 - Netwrk. Trnsl. Equip. Ctr. (NTEC)
 - Netwrk. Trnsl. Equip. Loc. (NTEL)
 - Special Services Center (SSC)
 - Fac. Mtce. Admin. Ctr. (FMAC)

- Total Central Office
- 5. Netwrk. Instl. Cntrl. Ctr. (NICS)
 - 6. Spcl. Svcs. Instl./Mnt. (SSIM)

- D. Initiate Billing -
- 1. Comptrollers Clerical
- TOTAL SERVICE ORDER:

- II. ENGINEERING:
- 1. Circuit Provisioning Ctr (CPC)
 - 2. Interfc. Fac. Crnt. Ping. Ctr.
 - 3. Distribution Svc's. Spt. Ctr.
 - 4. Loop Assignment Center (LAC)

TOTAL ENGINEERING:

- III. CONNECT AND TEST:
- A. Central Office -
 - 1. Netwrk. Trnsl. Equip. Loc. (NTEL)
 - 2. Special Services Center (SSC)
 - 3. Fac. Mtce. Admin. Ctr. (FMAC)

- Total Central Office
- B. Customer Premises -
 - 1. Spcl. Svcs. Instl./Mnt. (SSIM)

TOTAL CONNECT AND TEST:

- IV. TRAVEL:
- 1. Spcl. Svcs. Instl./Mnt. (SSIM)

TOTAL NONRECURRING

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NONRECURRING COB. SUMMARY - 1996 LEVEL DIRECTLY ASSIGNED - SWITCHED ACCESS SERVICES
 STATE: FLORIDA LOCAL TRANSPORT RESTRICTURE - SWITCHED TRANSPORT - OPTIONAL FEATURES - CHANNELIZATION - PER DS1 - (USOC SATCO)

22-Feb-95

(A) TOTAL COSTS INCLUDE A GROSS RECEIPTS TAX FACTOR OF: 0.014700
 (B) DISCOUNT RATE FOR DISCONNECT: 87.70%

FUNCTION	(C) INSTALL TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(D) DISCONNECT TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(E) LABOR RATE (\$ PER MIN.)	(F) = (C) * (E) *INSTALL COST* (DOLLARS) FIRST ADDITIONAL	(G) = (D) * (E) *DISCONNECT COST* (DOLLARS) FIRST ADDITIONAL	(H) = (G) * (B) *DISCOUNTED* *DISCONNECT COST* (DOLLARS) FIRST ADDITIONAL	(I) = ((F)+(H)) * (1+(A)) *TOTAL COST* (DOLLARS) FIRST ADDITIONAL
I. SERVICE ORDER:							
A. Marketing Implementation -							
1. Network (Premises) Marketing							
B. Service Inquiry Processing -							
1. ICSC Customer Representative							
2. ISC Area TEAM MEMBER							
3. ISC Clerical Support							
4. Interofc. Fac. Crnt. Plug. Ctr.							
5. Distribution Svc's. Spt. Ctr.							
5. DSSC (CLERICAL)							
Total Service Inquiry Proc.							
C. Service Order Processing -							
1. ICSC Customer Representative							
2. Circuit Provisioning Ctr (CPC)							
3. Loop Assignment Center (LAC)							
4. Central Office:							
Network Trnsl. Equip. Ctr. (NTEC)							
Network Trnsl. Equip. Loc. (NTEL)							
Special Services Center (SSC)							
Fac. Mtce. Admin. Ctr. (FMAC)							
Total Central Office							
5. Ntwrk. Instl. Cntrl. Ctr. (NICS)							
6. Spcl. Svcs. Instl./Mnt. (SSIN)							
Total Service Order Proc.							
D. Initiate Billing -							
1. Comptrollers Clerical							
TOTAL SERVICE ORDER:							
II. ENGINEERING:							
1. Circuit Provisioning Ctr (CPC)							
2. Interofc. Fac. Crnt. Plug. Ctr.							
3. Fac. Mtce. Admin. Ctr. (FMAC)							
4. Plug-in Control System (PICS)							
TOTAL ENGINEERING:							
III. CONNECT AND TEST:							
A. Control Office -							
1. Network Trnsl. Equip. Loc. (NTEL)							
2. Special Services Center (SSC)							
3. Fac. Mtce. Admin. Ctr. (FMAC)							
Total Central Office							
B. Customer Premises -							
1. Spcl. Svcs. Instl./Mnt. (SSIN)							
TOTAL CONNECT AND TEST:							
IV. TRAVEL:							
1. Spcl. Svcs. Instl./Mnt. (SSIN)							
TOTAL NONRECURRING							

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NONRECURRING COST SUMMARY - 1996 LEVEL DIRECTLY ASSIGNED - SWITCHED ACCESS SERVICES
 STATE: FLORIDA LOCAL TRANSPORT RESTRICTION - SWITCHED TRANSPORT - OPTIONAL FEATURES CHURN/ENTER AGREEMENT - (USOC SATC1)

18-Jul-95

(A) TOTAL COSTS INCLUDE A GROSS RECEIPTS TAX FACTOR OF: 0.014700
 (B) DISCOUNT RATE FOR DISCONNECT: 87.70%

FUNCTION	(C) INSTALL TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(D) DISCONNECT TOTAL WEIGHTED WORK TIME (MINUTES) FIRST ADDITIONAL	(E) LABOR RATE (\$ PER MIN.)	(F) = (C) * (E) *INSTALL COST* (DOLLARS) FIRST ADDITIONAL	(G) = (D) * (E) *DISCONNECT COST* (DOLLARS) FIRST ADDITIONAL	(H) = (G) * (B) *DISCOUNT* *DISCONNECT COST* (DOLLARS) FIRST ADDITIONAL	(I) = ((F)+(H))*(1+(A)) *TOTAL COST* (DOLLARS) FIRST ADDITIONAL
I. SERVICE ORDER:							
A. Marketing Implementation -							
1. Network (Premises) Marketing							
B. Service Inquiry Processing -							
1. ICSC Customer Representative							
2. ISC Area TEAM MEMBER							
3. ISC Clerical Support							
4. Interofc. Fac. Crnt. Ping. Ctr.							
5. Distribution Svc's. Spt. Ctr.							
5. SSC (CLERICAL)							
Total Service Inquiry Proc.							
C. Service Order Processing -							
1. ICSC Customer Representative							
2. Circuit Provisioning Center (CPC)							
3. Plug-In Control System (PICS)							
4. Control Offices							
Network Trans. Equip. Ctr. (NTEC)							
Network Trans. Equip. Loc. (NTEL)							
Special Services Center (SSC)							
Fac. Ntce. Admin. Ctr (FNAC)							
Total Control Office							
5. Network. Instd. Cntrl. Ctr. (NICS)							
6. Spl. Svcs. Instd. /Nnt. (SSIN)							
Total Service Order Proc.							
D. Initiate Billing -							
1. Controllers Clerical							
TOTAL SERVICE ORDER:							
II. ENGINEERING:							
1. Circuit Provisioning Ctr (CPC)							
2. Interofc. Fac. Crnt. Ping. Ctr.							
3. Distribution Svc's. Spt. Ctr.							
4. Loop Assignment Center (LAC)							
TOTAL ENGINEERING:							
III. CONNECT AND TEST:							
A. Control Office -							
1. Network Trans. Equip. Loc. (NTEL)							
2. Special Services Center (SSC)							
3. Fac. Ntce. Admin. Ctr (FNAC)							
Total Control Office							
B. Customer Premises -							
1. Spl. Svcs. Instd. /Nnt. (SSIN)							
TOTAL CONNECT AND TEST:							
IV. TRAVEL:							
1. Spl. Svcs. Instd. /Nnt. (SSIN)							
TOTAL NONRECURRING							

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Intrastate Common Channel Signalling Access (CCSAC)
 CC57 Service Establishment Charge

State: Florida
 Date: 06/09/95
 Workpaper: 2
 Page: 3 of 3

USOC SATSA

LN	Description	Source	Amount
1	Interoffice Channel		
2			
3	<u>Service Order Provisioning - Hours</u>		
4	Service Order Processing		0.6
5	Initiate/Administer Circuit Orders		4.5
6	Develop Circuit Specifications		2.2
7	Software Translations		1
8	Update Circuit Database		0.5
9			
10	Service Order Processing - Disconnect		0.6
11	Initiate/Administer Circuit Orders - Disconnect		1.5
12	Update Circuit Database - Disconnect		0.15
13			
14	<u>Service Order Provisioning - Labor Rate (\$/Hour)</u>		
15	Service Order Processing		\$38.31
16	Initiate/Administer Circuit Orders		\$26.61
17	Develop Circuit Specifications		\$58.18
18	Software Translations		\$39.01
19	Update Circuit Database		\$34.59
20			
21	Disconnect Factor	Based on 60 months, 12.5% cost of money	0.629032
22			
23	<u>Service Order Provisioning - Cost</u>		
24	Service Order Processing	LN4*LN15	\$21.78
25	Initiate/Administer Circuit Orders	LN5*LN16	\$129.66
26	Develop Circuit Specifications	LN6*LN17	\$127.94
27	Software Translations	LN7*LN18	\$39.01
28	Update Circuit Database	LN8*LN19	\$17.30
29			
30	Service Order Processing - Disconnect	LN10*LN15*LN21	\$18.06
31	Initiate/Administer Circuit Orders - Disconnect	LN11*LN16*LN21	\$35.83
32	Update Circuit Database - Disconnect	LN12*LN19*LN21	\$4.30
33			
34	Total	Sum(LN24...LN32)	\$393.66
35			
36	Gross Receipts Tax Factor		1.0147
37			
38	Total Nonrecurring Cost w/GRT	LN34*LN36	\$399.67
39			
40			
41			
42			
43			
44			
45			
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**LOCAL TRANSPORT RESTRUCTURE SUMMARY OF COSTS
FLORIDA - 07/17/95**

RECURRING COSTS:

A. Switched Local Channel, per local channel:

A

Recurring Costs

1. Voice Grade
 - 2-wire
 - 4-wire
2. DS1
3. DS3

B. Switched Interoffice Channel-Switched Dedicated Transport:

A

Recurring Costs

1. Voice Grade
 - per mile
 - facility termination
2. DS0
 - per mile
 - facility termination
3. DS1
 - per mile
 - facility termination
4. DS3
 - per mile
 - facility termination

E. Optional Features:

A

Recurring Costs

- Channelization-DS3
-DS3 to DS1, per arrangement

C. O. Channel Interoffice, per DS1

NOTE: Average additional channels per Access Service Request (ASR) = 41.59 channels, based on year end 1994 data.

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**LOCAL TRANSPORT RESTRUCTURE SUMMARY OF COSTS
FLORIDA - 07/17/95
RECURRING COSTS (cont'd):**

E. Optional Features (Continued):

**A
Recurring Costs**

Channelization-DS1
-DS1 to DS0 or analog, per system

C. O. Channel Interoffice,
per interface
Switched Access
CCSAC Links

NOTE: Average additional channels per Access Service Request (ASR) = 41.59 channels, based on year end 1994 data.

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LOCAL TRANSPORT RESTRUCTURE

1995-1997 LEVELIZED

DESCRIPTION OF PROCEDURES

LOCAL CHANNELS

Recurring costs are the incremental, prospective costs of the local channel. The purpose of the incremental approach is to determine the monthly costs associated with providing additional service. This consists of the local loop facilities and the termination's at the customer's premises and the serving wire center.

The local channel investments are determined by first obtaining current material prices for the equipment specific to this service. These prices are input to a spreadsheet model which generates the unit investments and recurring costs. The prices are brought to the base study year by applying Telephone Plant Indices (TPI) ratios. Then an in-plant factor is applied to the prices to produce an installed investment. The installed investments is then brought to an investment levelized across the study years by applying an investment inflation factor. This factor is used to trend the base year investment to a levelized amount that is valid for a three to five year planning period. The cost model then applies appropriate miscellaneous common equipment and power and land and building factors by account code to yield investments for these accounts. The objective utilization is then applied to the total levelized investment to develop a total utilized/levelized investment. The 1994 Intrastate Incremental Annual Cost Factors are applied to these investments to produce total annual costs by account code. Annual costs are then divided by 12 to produce monthly costs.

DS1 LOCAL CHANNEL

The monthly costs for the DS1 local channel were developed for an Access Connection, using investments based on the DS1 Special Access study, on a flat-rated basis.

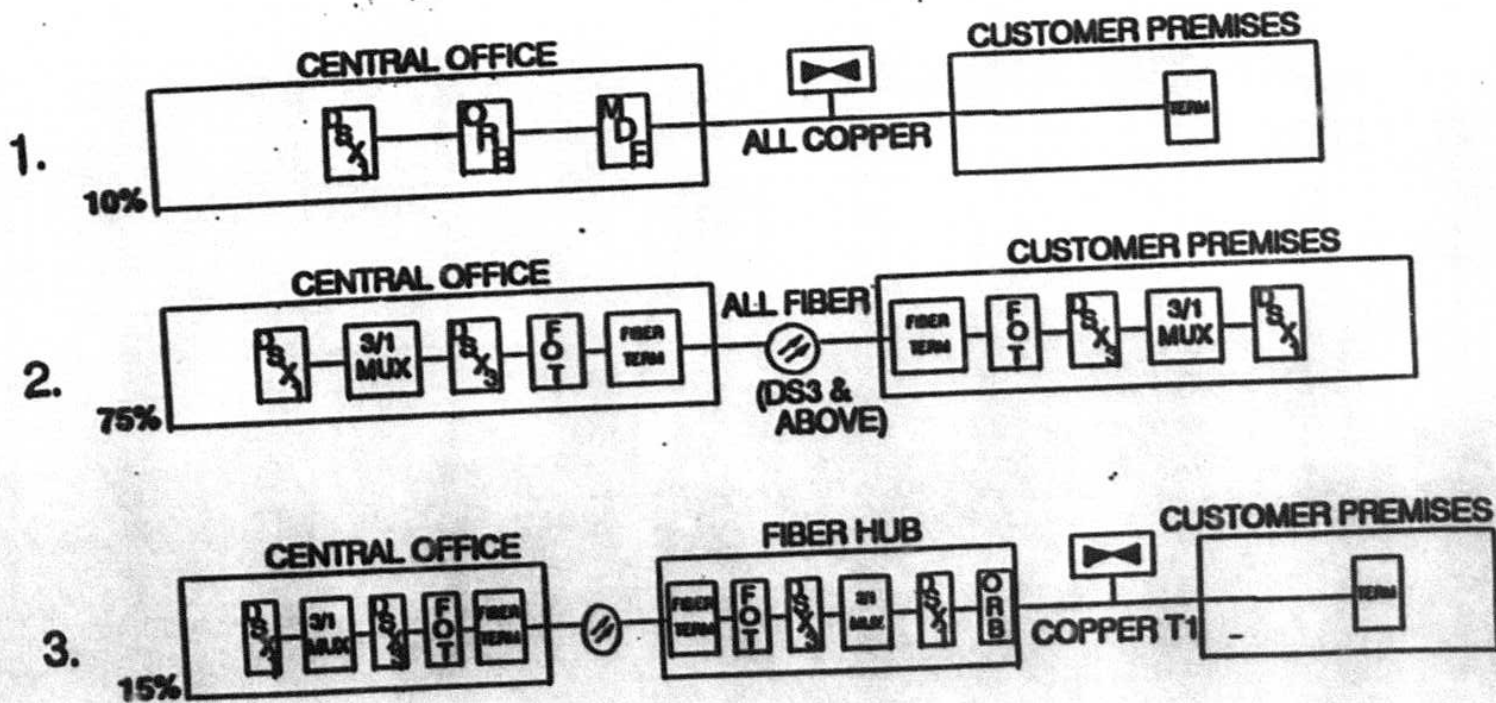
Several technologies are being deployed within the loop to provide this service. They are:

- Copper (4-wire)
- Fiber (DS3+)
- Fiber with a copper extension

The local channel cost for each technology type was developed and then weighted based on the percentage of time that scenario occurred. See attached designs for details.

The costs were developed for the fixed rate elements, (termination's at the customer's premises and at the Central Office) and for one half mile of cable facilities. To express these costs for a flat rate the one half mile cost was divided by 2640 feet (one half mile). This expresses the cost on a per foot basis. The per foot cost is then multiplied by the average DS1 local channel length for the state. The average local channel length was developed from information extracted for the TIRKS database. This transport cost is then added to the fixed cost to arrive at the local channel cost.

SPECIAL ACCESS DS1 (AC)



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DS3 LOCAL CHANNEL

The monthly costs for the DS3 local channel were developed using investments and architectures based on the LightGate 1 cost study, on a flat rated basis.

This study uses only fiber optic cable and the associated electronic equipment.

The costs were developed for the fixed rate elements, (termination's at the customer's premises and at the central office), and for one half mile of cable facilities. To express these costs for a flat rate the one half mile cost was divided by 2640 feet (one half mile). This expresses the cost on a per foot basis. The per foot cost is then multiplied by the average DS3 local channel length for the state. The average local channel length was developed from information extracted from the TIRKS database. This transport cost is then added to the fixed cost to arrive at the local channel cost.

**LOCAL TRANSPORT RESTRUCTURE
FLORIDA**

**MONTHLY RECURRING COST
1995-1997 Level**

DS1 LOCAL CHANNEL

- A. Fixed Cost (DS1 Fundamental Study)
- B. Half Route Mile Cost (DS1 Fundamental Study)
- C. Distance (feet) (5280 / 2) 2840
- D. Per Foot Cost (Line B / Line C)
- E. LTR Average Loop Length (TIRKS)
- F. LTR Route Loop Cost (Line D * Line E)
- G. Total LTR DS1 Local Channel Cost (Line A + Line F)

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FLORIDA
 FUNDAMENTAL INTRASTATE DS1 LOCAL CHANNEL
 1986-1987 MONTHLY COST

INTRASTATE SUMMARY

984.83 = TOTAL INTRASTATE WEIGHTED MONTHLY COST

INTRASTATE DETAILS

	LOOP COUNT	PERCENTAGE	MONTHLY COST	WEIGHTED MONTHLY COST
9	SAL			
	AC			
11	TOTALS			

SAL SUMMARY

- 13 = TOTAL SAL WEIGHTED MONTHLY FIXED COST
- = TOTAL SAL WEIGHTED COST PER HALF ROUTE MILE
- = SAL STATE AVERAGE LOOP LENGTH (FT)
- 16 = SAL FLAT RATE

SAL DETAILS

	MONTHLY FIXED COST BY DESIGN	COST PER HALF ROUTE MILE	PROBABILITY OF OCCURRENCE	WEIGHTED MONTHLY FIXED COST	WEIGHTED COST PER HALF ROUTE MILE
21	DESIGN #1				
	DESIGN #2				
	DESIGN #3				
	DESIGN #4				
	DESIGN #5				
26	TOTALS				

AC SUMMARY

- 28 = TOTAL AC WEIGHTED MONTHLY FIXED COST
- = TOTAL AC WEIGHTED COST PER HALF ROUTE MILE
- = AC STATE AVERAGE LOOP LENGTH (FT)
- 31 = AC FLAT RATE

AC DETAILS

	MONTHLY FIXED COST BY DESIGN	COST PER HALF ROUTE MILE	PROBABILITY OF OCCURRENCE	WEIGHTED MONTHLY FIXED COST	WEIGHTED COST PER HALF ROUTE MILE
36	DESIGN #1				
	DESIGN #2				
	DESIGN #3				
	DESIGN #4				
	DESIGN #5				
41	TOTALS				

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**FLORIDA
LOCAL TRANSPORT RESTRUCTURE
LOCAL CHANNEL
LOOP LENGTH PROBABILITIES**

A 4 Wire B
Distance Probability

7 1000
2000
3000
4000
5000
6000
7000
8000
9000
10000
11000
12000

C 2 Wire D
Distance Probability

1000
2000
3000
4000

19;

1.000000

1

2/ DS1 Average Local Channel Length =

22 DS3 Average Local Channel Length =

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**LOCAL TRANSPORT RESTRUCTURE
FLORIDA**

**MONTHLY RECURRING COST
1995-1997 Level**

DS3 LOCAL CHANNEL

- A. Fixed Cost (DS3 Fundamental Study)
- B. Half Route Mile Cost (DS3 Fundamental Study)
- C. Distance (feet) (5280 / 2) 2640
- D. Per Foot Cost (Line B / Line C)
- E. LTR Average Loop Length (TIRKS)
- F. LTR Route Loop Cost (Line D * Line E)
- G. Total LTR DS1 Local Channel Cost (Line A + Line F)

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**LOCAL TRANSPORT RESTRUCTURE
1985-1987 LEVELIZED COSTS
FIBER INVESTMENT WITHOUT DIVERSITY - D83
FLORIDA**

(LOOP) MI .05

1/2 Mile =
7 Avg. Entrance Postage
8 Avg. Sheath Size
Avg. Distance for Splice
Entrance Facility & Fiber Sheath

ACCOUNT CODE	(A) DISTRI. TO CODE	(B) AVG FIBER CBL LOOP (FEET)	(C) HVSTB (PER FT)	(D) # OF FIBERS	(E) 1984 INSTALLED HVSTB (2*4*2)	(F) 1984 TO 1984 TRENCH	(G) 1984 INSTALLED HVSTB (2*4)	(H) UTILZ.	(I) 1984 UTILZ. HVSTB (2*4)	(J) ROUTE-TO-AIR RATIO (1.00*J)	(K) LVLZTN FACTOR	(L) UTILIZABLE INVESTMENT (1*4)
16 83C (UNDERGROUND)				0	1	1		1.00				0.948
832C (AERIAL)				0	1	1		1.00				0.928
18 843C (BURIED)				0	1	1		1.00				0.987

ACCOUNT CODE	(AA) UTILIZED INVESTMENT (822C(L))	(AB) POLE LINE FACTOR	(AC) 1/4 INSTLD HVSTB (A*AB)	(AD) ROUTE-TO-AIR RATIO (1.00*AC)	(AE) LVLZTN FACTOR	(AF) LEVELIZED INVESTMENT (A0*AE)
22 1C (POLE LINE)		0.1491				1.000

ACCOUNT CODE	(BA) UTILIZED INVESTMENT (83C(L))	(BB) CONDUIT FACTOR	(BC) 1/4 INSTLD HVSTB (BA*BB)	(BD) ROUTE-TO-AIR RATIO (1.00*BC)	(BE) LVLZTN FACTOR	(BF) LEVELIZED INVESTMENT (80*BE)
37 4C (CONDUIT)		0.8814				1.007

**LOCAL TRANSPORT RESTRUCTURE
1985-1987 LEVELIZED COSTS
FIBER INVESTMENT WITH STANDARD NETWORK DIVERSITY - D83
FLORIDA**

(LOOP) MI .05

ACCOUNT CODE	(A) DISTRI. TO CODE	(B) AVG FIBER CBL LOOP (FEET)	(C) HVSTB (PER FT)	(D) # OF FIBERS	(E) 1984 INSTALLED HVSTB (2*4*2)	(F) 1984 TO 1984 TRENCH	(G) 1984 INSTALLED HVSTB (2*4)	(H) UTILZ.	(I) 1984 UTILZ. HVSTB (2*4)	(J) ROUTE-TO-AIR RATIO (1.00*J)	(K) LVLZTN FACTOR	(L) UTILIZABLE INVESTMENT (1*4)	(M) DIVERSIFIED DIVERSITY FACTOR	(N) DIVERSIFIED INVESTMENT (L*M)
39 83C (UNDERGROUND)				0	1	1		1.00				0.99598		
41 832C (AERIAL)				0	1	1		1.00				0.97827		
843C (BURIED)				0	1	1		1.00				1.009193		

ACCOUNT CODE	(AA) UTILIZED INVESTMENT (832C)	(AB) POLE LINE FACTOR	(AC) 1/4 INSTLD HVSTB (AA*AB)	(AD) ROUTE-TO-AIR RATIO (1.00*AC)	(AE) LVLZTN FACTOR	(AF) LEVELIZED INVESTMENT (A0*AE)	(AG) DIVERSITY FACTOR	(AH) DIVERSIFIED INVESTMENT (AF*AG)
46 1C (POLE LINE)		0.1875				1.000		

ACCOUNT CODE	(BA) UTILIZED INVESTMENT (83C)	(BB) CONDUIT FACTOR	(BC) 1/4 INSTLD HVSTB (BA*BB)	(BD) ROUTE-TO-AIR RATIO (1.00*BC)	(BE) LVLZTN FACTOR	(BF) LEVELIZED INVESTMENT (80*BE)	(BG) DIVERSITY FACTOR	(BH) DIVERSIFIED INVESTMENT (BF*BG)
51 4C (CONDUIT)		0.8148				1.000		

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0000034

/ LOCAL TRANSPORT RESTRUCTURE
 1985-1987 LEVELIZED COSTS
 LOCAL CHANNEL WEIGHTED FIBER INVESTMENT - D83
 FLORIDA
 (LOOP) MI .05

A													
(A)													
ACCOUNT CODE	LEVELIZED INVESTMENT (L+AF+BF)*.255+ (M+AM+BM)*.735												
11 83C (UNDERGROUND)													
83C (AERIAL)													
84C (BUNDLED)													
1C (POLE LINE)													
4C (CONDUIT)													
16 TOTAL													
ACF BREAKDOWN	A	B	C	D	E	F	G	H	I	J	K	L	
ACCOUNT CODE	RELEASABLE INVESTMENT (A)	(AB) DEPRECIATION	(AB) COM	(AC) INC TAX	(AD) CAP EXP (AA+AB+AC)	(AE) MTCR	(AF) ADVAL TAX	(AG) ADMIN	(AH) OPER EXP (AE+AF+AG)	(AI) GRT	(AJ) ANNUAL COST (AD+AH)	(AK) MONTHLY COST (AJ/12)	
83C (UNDERGROUND)													
83C (AERIAL)													
84C (BUNDLED)													
1C (POLE LINE)													
4C (CONDUIT)													
TOTAL													

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0000035

INPUTS (ALL ARE REGIONAL - ORANGE)
 (REGIONAL - INVESTMENTS)
 (STATE - FACTORS)

A

B

1	ROUTE-TO-AIR FOR BLACK & RED	
5	ROUTE-TO-AIR FOR ORANGE	
	POLE FACTOR	0.1431
	CONDUIT FACTOR	0.6514
	REUSABLE FACTOR (85C & 4C)	1.00
	REUSABLE FACTOR (822C, 812C & 1C)	1.00
	REUSABLE FACTOR (845C)	1.00
	85C LEVELIZATION	0.948000
	822C LEVELIZATION	0.905000
	845C LEVELIZATION	0.957000
	812C LEVELIZATION	0.905000
	1C LEVELIZATION	1.062000
	4C LEVELIZATION	1.037000

- 17 BLACK & RED INVESTMENT (85C)
- 17 BLACK & RED INVESTMENT (822C)
- 17 BLACK & RED INVESTMENT (845C)

MARKETING ADD-BACK FACTORS

PRODUCT MANAGEMENT	0
SALES	0
ADVERTISING	0
	<hr/>
	0

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0000036

**1995-1997 LOCAL TRANSPORT RESTRUCTURE
TRANSPORT SYSTEM - DSJ
CENTRAL OFFICE AND CUSTOMER PREMISES**

FLORIDA

USOC	COST COMPONENT	A/C	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
			TOTAL 1991 INSTALLED UTILIZED INVESTMENT	AT RISK 1991 E, F & I UTILIZED INVESTMENT	% NON- RELEASABLE IN PLACE	AT RISK 1991 UTILIZED INVESTMENT (B * C)	NOT AT RISK 1991 UTILIZED INVESTMENT (A - D)	1991 TO 1994 TPI	AT RISK 1994 UTILIZED INVESTMENT	NOT AT RISK 1994 UTILIZED INVESTMENT	LEVELIZATION FACTOR	DEMAND	(J) WEIGHTED AT RISK 1995-1997 UTILIZED/ LEVELIZED INVESTMENT [(B * C) * J]
LIGHTGATE 1													
HFSC8 & CENTRAL OFFICE													
HFSC7													
	Lightwave System	257C											
		257C											
		257C											
	DSX3 Circuit Nwts.	257C		N/A	N/A	N/A							
		257C		N/A	N/A	N/A							
		257C		N/A	N/A	N/A							
	Fiber Cable Term.	257C		N/A	N/A	N/A							
		257C		N/A	N/A	N/A							
		257C		N/A	N/A	N/A							
		257C		N/A	N/A	N/A			0.008			1.007	
	Lightwave System	20C		N/A	N/A	N/A							
	DSX3 Circuit Nwts.	20C		N/A	N/A	N/A							
	Fiber Cable Term.	20C		N/A	N/A	N/A				1	0		1.08
	Lightwave System	10C		N/A	N/A	N/A							
	DSX3 Circuit Nwts.	10C		N/A	N/A	N/A							
	Fiber Cable Term.	10C		N/A	N/A	N/A				1.1	0		1.088
HFSC8 & CUSTOMER PREMISES													
HFSC7													
	Lightwave System	758C											
		758C											
		758C											
	DSX3 Circuit Nwts.	758C		N/A	N/A	N/A							
		758C		N/A	N/A	N/A							
	Fiber Cable Term.	758C		N/A	N/A	N/A							
		758C		N/A	N/A	N/A							
		758C		N/A	N/A	N/A							
		758C		N/A	N/A	N/A							
		758C		N/A	N/A	N/A			0.004			0.004	

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**LOCAL TRANSPORT RESTRUCTURE
TRANSPORT SYSTEM - DS3
CENTRAL OFFICE AND CUSTOMER PREMISES**

FLORIDA

USOC	A/C	1985-1987 UTILIZED/ LEVELIZED INVESTMENT	(A) DEPR	(B) COM	(C) INCTAX	(D) CAP EXP (A + B + C)	(E) MTCE	(F) ADVAL TAX	(G) ADMIN	(H) OPER EXP (E + F + G)	(I) GRT	(J) ANN COST (D + H + I)	(K) MTHLY COST (J/12)
LIGHTGATE 1													
	HF805 & HF807	257C 20C 10C 758C											
		Total											

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LOCAL TRANSPORT RESTRUCTURE

1995-1997 LEVELIZED

INTEROFFICE FACILITY

The interoffice costs consist of two rate elements, fixed and per mile. This study produces state average, prospective, long run incremental costs.

The fixed costs are composed of the end central office terminating equipment. The installed investments are developed in the multiplexer spreadsheet. The equipment considered in the end central office portion of the multiplexer spreadsheet is illustrated in the attached drawings. These fixed costs include the equipment at both ends of the circuit.

The DSO level study assumes an integrated signal into the switch while the voice grade level study assumes a D4 Channel Bank is placed to provide a non-integrated signal into the switch.

The per mile rate element is composed of two parts, the transport facility and intermediate central office equipment. The transport facility is calculated using fiber optic cable 100 percent of the time. The costs are developed for one mile of cable.

The equipment for the intermediate central office portion of the per mile rate element is also developed in the multiplexer spreadsheet. The equipment used when back to back multiplexing takes place is illustrated in the attached drawings. This is when a higher bitstream is multiplexed down to a DS3, DS1, DSO or voice grade level and signals are pulled out and dropped at that central office. This procedure would also be performed when bitstreams need to be added to the DS3 or higher bitstream.

The other intermediate central office investment derived from the multiplexer spreadsheet is the regenerator investment. This is the average investment for just the regenerator (one piece of equipment).

In this study the number of regenerators is calculated for an average interoffice distance and each number of intermediate central offices. The formula used to calculate the number of required regenerators follows:

$$\left(\frac{\text{Average Distance Between End C.O.'s} - 22 \text{ miles}}{22 \text{ miles}} \right) - \text{Number of Intermediate C.O.'s}$$

A lightwave signal requires regeneration every 22 miles. The number of intermediate C.O.'s is subtracted because

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multiplexing a signal down to a lower rate and the
multiplexing it back up to it's transport rate regenerates
the signal.

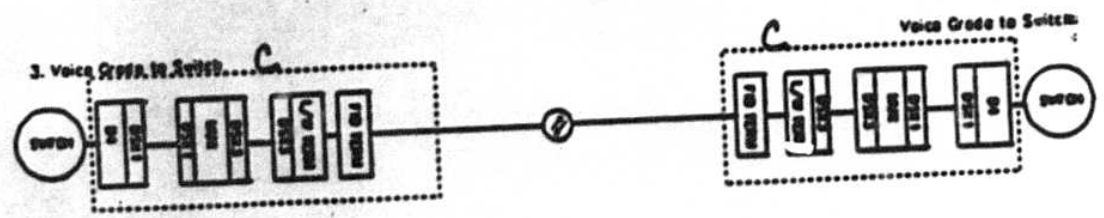
The total cost of the Per Mile rate element is the
combination of the Facility per mile and the intermediate
central office investment expressed on a per mile basis.

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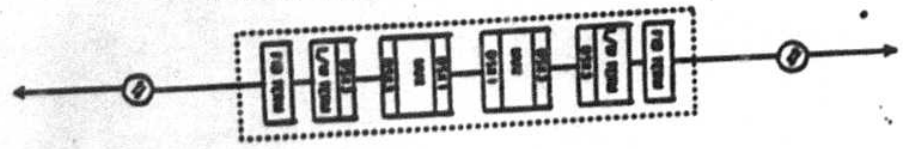
0000040

INTEROFFICE FACILITY FIXED INVESTMENT END OFFICES

VOICE GRADE



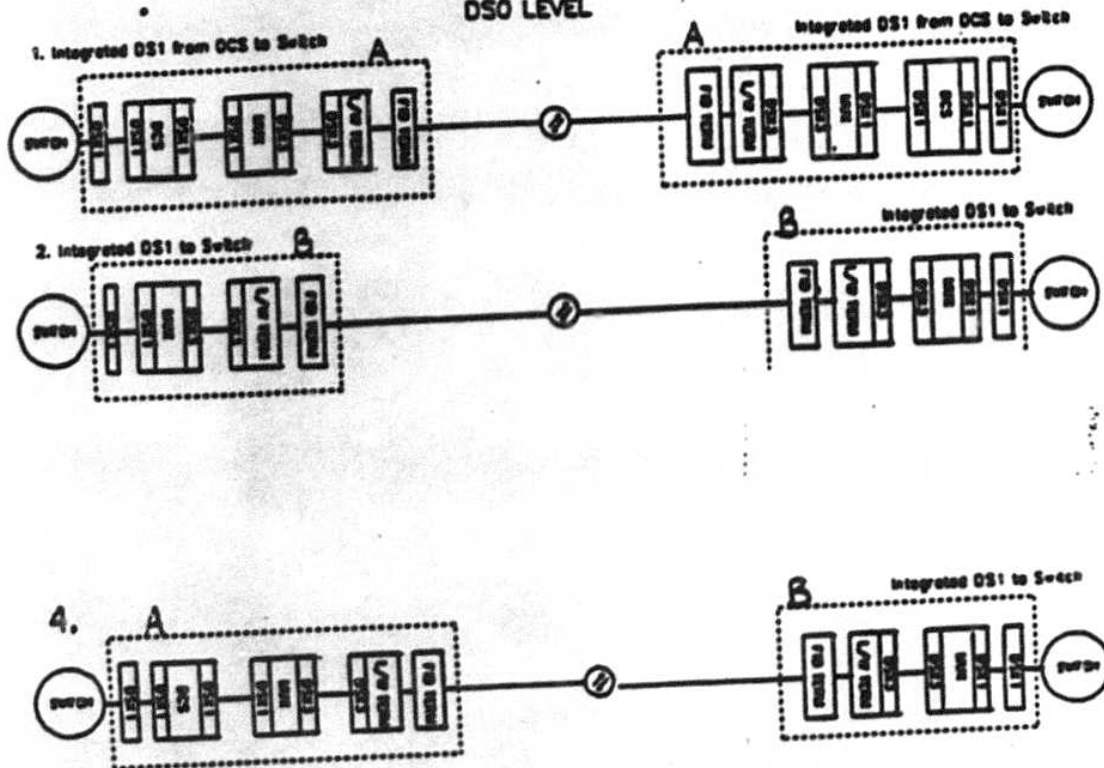
INTERMEDIATE CENTRAL OFFICE



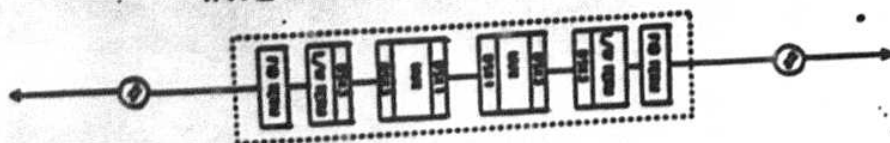
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INTEROFFICE FACILITY FIXED INVESTMENT END OFFICES DSO LEVEL



INTERMEDIATE CENTRAL OFFICE

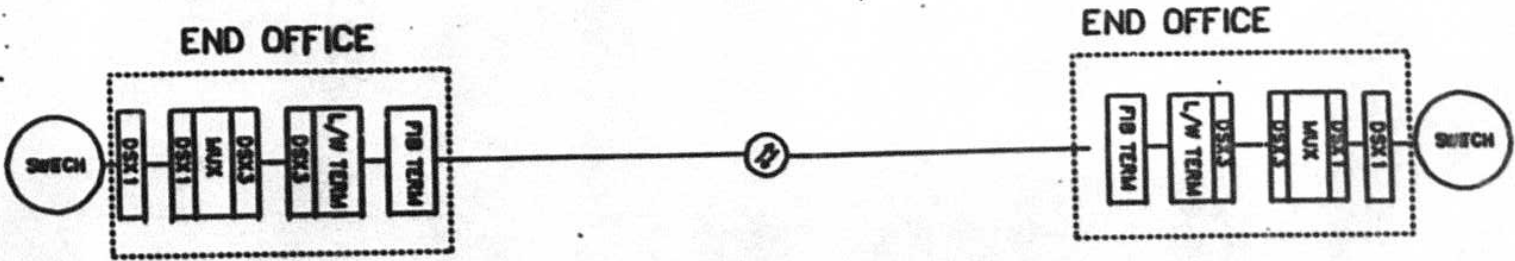


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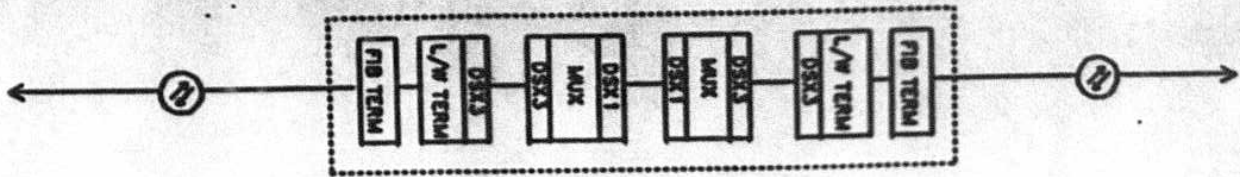
0000042

INTEROFFICE FACILITY
FIXED INVESTMENT
END OFFICES

DS1 LEVEL



INTERMEDIATE CENTRAL OFFICE



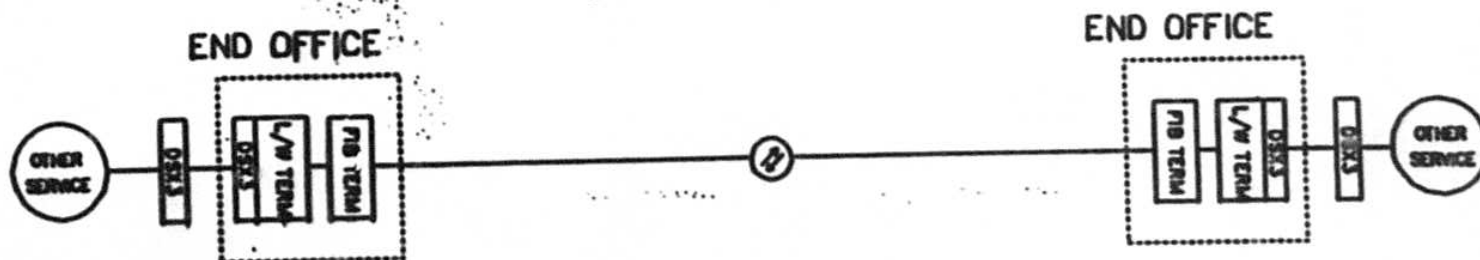
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0000043

INTEROFFICE FACILITY FIXED INVESTMENT END OFFICES

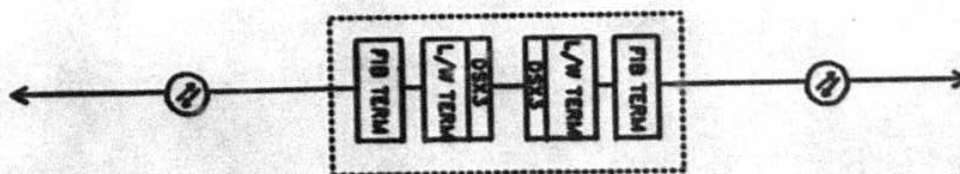
DS3 LEVEL

FIGURE 1



INTERMEDIATE CENTRAL OFFICE

FIGURE 2



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0000044

/ INTEROFFICE TRANSPORT INVESTMENT CALCULATOR
SUMMARY

Range Name: SUMMARY

SERVICE
STATE
JURISDICTION

VOICEGRADE - LTR Filing
Florida
INTRASTATE

DATE
STUDY YEAR
COST OF MONEY
STUDY TYPE

19-Dec-94
1995-1997
12.50%

PROSPECTIVE

RATE ELEMENT	FIXED END OFFICE	PER MILE INT CO	FACILITY PER MILE	TOTAL PER MILE
--------------	---------------------	--------------------	----------------------	-------------------

9:

0000045

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**INTEROFFICE TRANSPORT INVESTMENT CALCULATOR
CENTRAL OFFICE INVESTMENT CALCULATIONS
FIXED COSTS
END OFFICES**

Range Name: END_OFFICES

SERVICE -
STATE -
JURISDICTION -
MILEAGE BAND -

VOICEGRADE - LTR Filing
Florida
INTRASTATE
0

DATE - 18-Dec-94
STUDY YEAR - 1995-1997
COST OF MONEY - 12.50%
STUDY TYPE - PROSPECTIVE

(A) 1991/1992 MATERIAL INVESTMENT	(B) NUMBER REQUIRED	(C) 1991/1992 MATERIAL INVESTMENT (A * B)	(D) PROB OF OCCURRENCE	(E) WEIGHTED MATERIAL INVESTMENT (C * D)	(F) 1991 TO 1994 1992 TO 1994 TPI	(G) 1994 MATERIAL INVESTMENT (E * F)
--	---------------------------	---	------------------------------	--	--	--

END OFFICES 1
CHANNEL UNIT PLUG-IN 1992 1

0.994
0.998
TOTAL

DESCRIPTION	FIELD REPORTING CODE	(G) 1994 MATERIAL INVESTMENT	(H) 1994 INPLANT FACTOR	(I) 1994 INSTALLED INVESTMENT (G * H)	(J) 1994 MISC FACTORS	(K) 1994 INSTALLED INVESTMENT (Note 1)
1A. CO EQUIPMENT	357C		1.25130		0.12940	
1B. MCE	357C				0.00000	
1C. POWER	357C					
1. TOTAL CO EQUIPMENT	357C				0.00300	
2. LAND	20C				0.04040	
3. BUILDING	10C					

DESCRIPTION	FIELD REPORTING CODE	(K) 1994 INSTALLED INVESTMENT	(L) LEVELIZATION FACTOR	(M) 1995-1997 LEVELIZED INVESTMENT (K * L)	(N) 1994 ANNUAL COST FACTOR	(O) 1995-1997 ANNUAL COST (M * N)	(P) 1995-1997 MONTHLY COST (O / 12)
1. TOTAL CO EQUIPMENT	357C		0.992		0.3401		
2. LAND	20C		1.080		0.1707		
3. BUILDING	10C		1.058		0.1858		
TOTAL							

Note 1: Line 1A = Line 1A Column I
Line 1B = Line 1A * Line 1B Column J
Line 1C = Line 1A * Line 1C Column J
Line 1 = Line 1A + Line 1B + Line 1C
Line 2 = Line 1 * Line 2 Column J
Line 3 = Line 1 * Line 3 Column J

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INTEROFFICE TRANSPORT INVESTMENT CALCULATOR
CENTRAL OFFICE INVESTMENT CALCULATIONS
INTERMEDIATE CENTRAL OFFICE

Report Name: INT120003.C03

SERVICE -
STATE -
JURISDICTION -
BILLAGE BAND -

VOICERAMBE - LTR FREQ
PAGES
INTRASTATE 0

DATE - 18-Dec-84
STUDY YEAR - 1985-1997
COST OF MONEY - 12.50%
STUDY TYPE - PROSPECTIVE

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1991 MATERIAL INVESTMENT	AVERAGE DISTANCE MILES	NUMBER REQUIRED (105-22/22-8)	REGENERATOR MATERIAL INVESTMENT (A+B+C)	TOTAL MATERIAL INVESTMENT (A+D)	PROB OF OCCURRENCE	WEIGHTED MATERIAL INVESTMENT (E*F)	MATERIAL INVESTMENT PER MILE (G/H)
0	0	0	0	0	0	0	0

REGRA

1. REGENERATION INTERMEDIATE CO
0
1
2
3
4
5
6
7

- 2
1
0
0
4
4
0

TOTAL

DESCRIPTION	FIELD REPORTING CODE	(A) 1991 MATERIAL INVESTMENT	(B) 1991 TO 1994 TPI	(C) 1994 MATERIAL INVESTMENT (A+B)	(D) 1994 INFLANT FACTOR	(E) 1994 INSTALLED INVESTMENT (C*D)	(F) MISC FACTORS	(G) 1994 MATERIAL INVESTMENT (F*G)
1A. CO EQUIPMENT	357C		0.994			1.28130	0.12840	
1B. WIRE	357C						0.00000	
1C. POWER	357C						0.00000	
1. TOTAL CO EQUIPMENT	200						0.00000	
2. LAND	200						0.00000	
3. BUILDING	100						0.00000	

DESCRIPTION	FIELD REPORTING CODE	(A) 1994 INSTALLED INVESTMENT	(B) LEVIZATION FACTOR	(C) 1995-1997 LEVIZED INVESTMENT (A*B)	(D) ANNUAL COST FACTOR	(E) 1995-1997 ANNUAL COST (C*D)	(F) 1995-1997 MONTHLY COST (E/12)
1. TOTAL CO EQUIPMENT	357C		0.992	1.080	0.2401	0.11707	
2. LAND	200		1.058		0.1855		
3. BUILDING	100						

TOTAL

Notes 1: Line 1A = Line 1A Column L
Line 1B = Line 1A = Line 1B Column M
Line 1C = Line 1A = Line 1C Column N
Line 1 = Line 1A + Line 1B
Line 2 = Line 1 + Line 1C Column M
Line 3 = Line 1 + Line 2 Column M

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INTEROFFICE TRANSPORT INVESTMENT CALCULATOR
FIBER PER MILE CALCULATIONS

Range Name: FIBER

SERVICE -
STATE -
JURISDICTION -
MILEAGE BAND -

VOICEGRADE - LTR Filing
Florida
INTRASTATE
0

DATE - 19-Dec-94
STUDY YEAR - 1995-1997
COST OF MONEY - 12.50%
STUDY TYPE - PROSPECTIVE

I. TRANSPORT AIR DISTANCE (M)
II. TRANSPORT AIR DISTANCE (FT)
9 III. ROUTE TO AIR RATIO

1
\$380

(I * \$280)

SOURCE: Service Specific Circuit Analysis

	(I) BAND DISTANCE	(II) PROB OF OCCURRENCE	(III) CABLE LENGTH (I * II)	(IV) CABLE INVESTMENT PER FOOT	(V) CABLE INVESTMENT (III * IV)
A. AERIAL CABLE	\$280		1805.12		
B. BURIED CABLE	\$280		2160.64		
C. UNDERGROUND CABLE	\$280		1494.24		
			TOTAL		\$280.00

DESCRIPTION	FIELD REPORTING CODE	(A) 1994 MATERIAL INVESTMENT (M)	(B) 1994 TP1	(C) 1994 MATERIAL INVESTMENT (A * B)	(D) 1994 INPLANT FACTOR	(E) 1994 INSTALLED INVESTMENT (C * D)	(F) MISC FACTORS	(G) 1994 INSTALLED INVESTMENT (Note 1)
1. AERIAL FIBER CABLE	822C		1.000		1			
2. BURIED FIBER CABLE	848C		1.000		1			
3. UG FIBER CABLE	88C		1.000				0.1431	
4. POLES	811C						0.6514	
5. CONDUIT	84C							

DESCRIPTION	FIELD REPORTING CODE	(H) LEVELIZATION FACTOR	(I) 1995-1997 LEVELIZED INVESTMENT (G * H)	(J) ROUTE TO AIR RATIO	(K) AIR MILE 1995-1997 LEVELIZED INVESTMENT (I * J)	(L) 1994 ANNUAL COST FACTOR	(M) 1995-1997 ANNUAL COST (K * L)	(N) 1995-1997 MONTHLY COST (M / 12)
1. AERIAL FIBER CABLE	822C	0.905				0.2420		
2. BURIED FIBER CABLE	848C	0.957				0.2421		
3. UG FIBER CABLE	88C	0.948				0.2483		
4. POLES	811C	1.092				0.2528		
5. CONDUIT	84C	1.037				0.2040		
						TOTAL		

Note 1: Lines 1, 2, and 3 = E
Line 4 = Line 1 * Line 4 Column F
Line 5 = Line 3 * Line 5 Column F

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SERVICE
STATE
JURISDICTION
FILE NAME

VOICEGRADE - LTR Filing
Florida
INTRASTATE
IOPL

Range Name: INPUT_SHEET
DATE
INVESTMENT YEAR
COST OF MONEY
STUDY TYPE

19-Dec-94
1994
12.50%
PROSPECTIVE

TRANSPORT DISTANCE 1
(AIR MILES)

A
1994
INVESTMENTS

B
DISTRIBUTION
TO CODE

FRG	TPI	INPLANT	LEVELZTN	ACF
10C			1.059	0.1855
20C			1.080	0.1707
811C			1.082	0.2528
84C			1.037	0.2040
822C	1.000		0.909	0.2420
845C	1.000		0.987	0.2421
85C	1.000		0.948	0.2489
357C	0.894	1.2513	0.982	0.3401

FIBER CABLE (PER FOOT)
AERIAL (822C)
BURIED (845C)
UNDERGROUND (85C)

1.000000

1994
MISCELLANEOUS
FACTORS

1991 INVESTMENTS

FIBER
POLE
CONDUIT
COPPER
POLE
CONDUIT
357C
MCE&P
LAND
BUILDING

CENTRAL OFFICE EQUIPMENT (357C)
0.1431 (PER CIRCUIT)
0.8814
END OFFICE
INT CO
REGENERATION
CHNL PLUG-IN
0.12940
0.00300
0.04040

C

D
PROBABILITY OF INTERMEDIATE CO'S

E
-AVERAGE MILES-

INTERMEDIATE CO

0
1
2
3
4
5
6
7

ROUTE TO AIR RATIO

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Range Name: PARAMETERS

InterOffice Transport Investment Calculator
STUDY PARAMETERS

Florida
VOICEGRADE - LTR Filing
INTRASTATE
PROSPECTIVE
1994
1

3

STATE
SERVICE
JURISDICTION
STUDY TYPE
INVESTMENT YEAR
TRANSPORT DISTANCE (AIR MILES)
MILEAGE BANDS

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N:\INTEROFFVOICEGRDLTR\INTOFFC1\BAND\OFL\WK3
P1005Z

0000050

InterOffice Transport Investment Calculator
SOURCES OF INPUTS

Range Name: SOURCES

<u>INPUT</u>	<u>SOURCE</u>
Fiber Cable Investments	Investments In Fiber Optic Cable Facilities - Interoffice Spreadsheet
Distribution to Code	Investments In Fiber Optic Cable Facilities - Interoffice Spreadsheet
Central Office Equipment Investments	Multiplexer Investments - Interoffice Spreadsheet
Factors	NCCIC
TPI	Factors Group - Frank Kolb
Inplant	Factors Group - Frank Kolb
Levelization	Factors Group - Frank Kolb
Annual Cost Factors	Factors Group - Frank Kolb
Pole	Factors Group - Frank Kolb
Conduit	Factors Group - Frank Kolb
MCE&P	Factors Group - Frank Kolb
Land	Factors Group - Frank Kolb
Building	Factors Group - Frank Kolb
Probability of Intermediate Central Offices	NCCIC
Average Miles	NCCIC
Route to Air Ratios	TIRKS Extracts - Carl DeFrancisco

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(A) INTERMEDIATE CO	(B) AVERAGE MILES 0	(C) CALCULATED REGENERATORS (((B-22)/22)-A)	(D) TOTAL REGENERATORS (C ROUNDED UP)	
	0		-1	REGEN30
	1		-2	REGEN31
	2		-3	REGEN32
	3		-4	REGEN33
	4		-5	REGEN34
	5		-6	REGEN35
	6		-7	REGEN36
	7		-8	REGEN37

(A) INTERMEDIATE CO	(B) AVERAGE MILES 0	(C) CALCULATED REGENERATORS (((B-22)/22)-A)	(D) TOTAL REGENERATORS (C ROUNDED UP)	
	0		1	REGEN11
	1		2	REGEN12
	2		1	REGEN13
	3		0	REGEN14
	4		0	REGEN15
	5		3	REGEN16
	6		7	REGEN17
	7		5	REGEN18

(A) INTERMEDIATE CO	(B) AVERAGE MILES 0	(C) CALCULATED REGENERATORS (((B-22)/22)-A)	(D) TOTAL REGENERATORS (B ROUNDED UP)	
	0		-1	REGEN21
	1		-2	REGEN22
	2		-3	REGEN23
	3		-4	REGEN24
	4		-5	REGEN25
	5		-6	REGEN26
	6		-7	REGEN27
	7		-8	REGEN28

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**INTEROFFICE TRANSPORT INVESTMENT CALCULATOR
SUMMARY**

Range Name: SUMMARY

SERVICE
STATE
JURISDICTION

DSO - LTR Filing
Florida
INTRASTATE

DATE
STUDY YEAR
COST OF MONEY
STUDY TYPE

27-Feb-95
1995-1997
12.50%
PROSPECTIVE

RATE ELEMENT	FIXED END OFFICE	PER MILE INT CO	FACILITY PER MILE	TOTAL PER MILE
--------------	---------------------	--------------------	----------------------	-------------------

9

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INTEROFFICE TRANSPORT INVESTMENT CALCULATOR
 CENTRAL OFFICE INVESTMENT CALCULATIONS
 FIXED COSTS
 END OFFICES

Range Name: END_OFFICES

SERVICE -
 STATE -
 JURISDICTION -
 MILEAGE BAND -

D&O - LTR Filing
 Florida
 INTRASTATE
 0

DATE - 27-Feb-95
 STUDY YEAR - 1995-1997
 COST OF MONEY - 12.50%
 STUDY TYPE - PROSPECTIVE

(A) 1991 MATERIAL INVESTMENT	(B) NUMBER REQUIRED	(C) 1991 MATERIAL INVESTMENT (A * B)	(D) PROB OF OCCURRENCE	(E) WEIGHTED MATERIAL INVESTMENT (C * D)	(F) 1994 TPI	(G) 1994 MATERIAL INVESTMENT (E * F)
---------------------------------------	---------------------------	--	------------------------------	--	--------------------	--

END OFFICES
 CHANNEL UNIT PLUG-IN

1
1

0.994
 0.994
 TOTAL

DESCRIPTION	FIELD REPORTING CODE	(G) 1994 MATERIAL INVESTMENT	(H) 1994 INPLANT FACTOR	(I) 1994 INSTALLED INVESTMENT (G * H)	(J) MISC FACTORS	(K) 1994 INSTALLED INVESTMENT (Note 1)
1A. CO EQUIPMENT	357C		1.25130			
1B. MCE	357C				0.12540	
1C. POWER	357C				0.00000	
1. TOTAL CO EQUIPMENT	357C					
2. LAND	20C				0.00300	
3. BUILDING	10C				0.04040	

DESCRIPTION	FIELD REPORTING CODE	(K) 1994 INSTALLED INVESTMENT	(L) LEVELIZATION FACTOR	(M) 1995-1997 LEVELIZED INVESTMENT (K * L)	(N) ANNUAL COST FACTOR	(O) ANNUAL COST (M * N)	(P) MONTHLY COST (O / 12)
1. TOTAL CO EQUIPMENT	357C		0.992		0.3401		
2. LAND	20C		1.090		0.1707		
3. BUILDING	10C		1.058		0.1835		
TOTAL							

Note 1: Line 1A = Line 1A Column I.
 Line 1B = Line 1A * Line 1B Column J.
 Line 1C = Line 1A * Line 1C Column J.
 Line 1 = Line 1A + Line 1B + Line 1C
 Line 2 = Line 1 * Line 2 Column J.
 Line 3 = Line 1 * Line 3 Column J.

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INTEROFFICE TRANSPORT INVESTMENT CALCULATOR
 CENTRAL OFFICE INVESTMENT CALCULATIONS
 INTERMEDIATE CENTRAL OFFICE

Range Name: INTERMED_CO

SERVICE -
 STATE -
 JURISDICTION -
 MILEAGE BAND -

D80 - LTR Filing
 Florida
 INTRASTATE
 0

DATE - 27-Feb-93
 STUDY YEAR - 1995-1997
 COST OF MONEY - 12.50%
 STUDY TYPE - PROSPECTIVE

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1991 MATERIAL INVESTMENT	AVERAGE DISTANCE MILES	NUMBER REGENERATOR REQUIRED ((B-22)/22-g)	REGENERATOR MATERIAL INVESTMENT (A * H * C) (A * H * C) (A * H * C)	TOTAL MATERIAL INVESTMENT (A + C)	PROB OF OCCURRENCE	WEIGHTED MATERIAL INVESTMENT (E * F)	MATERIAL INVESTMENT PER MILE (G / B)

I. REGENERATION INTERMEDIATE C.C.	
0	2
1	2
2	1
3	0
4	0
5	4
6	8
7	0

TOTAL

DESCRIPTION	FIELD REPORTING CODE	(G) 1991 MATERIAL INVESTMENT	(I) 1994 TPI	(J) 1994 MATERIAL INVESTMENT (H * I)	(K) 1994 INFLANT FACTOR	(L) 1994 INSTALLED INVESTMENT (J * K)	(M) MISC FACTORS	(N) 1994 MATERIAL INVESTMENT (Note 1)
1A. CO EQUIPMENT	357C		0.994		1.29130		0.12940	
1B. MCE	357C						0.00000	
1C. POWER	357C							
1. TOTAL CO EQUIPMEN	357C						0.00300	
2. LAND	20C						0.04040	
3. BUILDING	10C							

DESCRIPTION	FIELD REPORTING CODE	(O) 1994 INSTALLED INVESTMENT	(C) LEVELIZATION FACTOR	(P) 1995-1997 LEVELIZED INVESTMENT (N * C)	(Q) ANNUAL COST FACTOR	(R) 1995-1997 ANNUAL COST (P * Q)	(S) 1995-1997 MONTHLY COST (R / 12)
1. TOTAL CO EQUIPMEN	357C		0.992		0.3401	0.1707	
2. LAND	20C		1.050		0.1855		
3. BUILDING	10C		1.050				

Note 1: Line 1A = Line 1A Column L
 Line 1B = Line 1A * Line 1B Column M
 Line 1C = Line 1A * Line 1C Column M
 Line 1 = Line 1A + Line 1B
 Line 2 = Line 1 * Line 2 Column M
 Line 3 = Line 1 * Line 3 Column M

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INTEROFFICE TRANSPORT INVESTMENT CALCULATOR
FIBER PER MILE CALCULATIONS

Range Meter: FIBER

SERVICE -
STATE -
JURISDICTION -
MILEAGE BAND -

DBO - LTR Filing
Florida
INTRASTATE
0

DATE - 27-Feb-95
STUDY YEAR - 1995-1997
COST OF MONEY - 12.50%
STUDY TYPE - PROSPECTIVE

I. TRANSPORT AIR DISTANCE (MI)
II. TRANSPORT AIR DISTANCE (FT)
III. ROUTE TO AIR RATIO

1
5280

(I * 5280)
SOURCE: Service Specific Circuit Analysis

	(I) BAND DISTANCE	(II) PROB OF OCCURRENCE	(III) CABLE LENGTH (F * B)	(IV) CABLE INVESTMENT PER FOOT	(V) CABLE INVESTMENT (III * IV)
A. AERIAL CABLE	5280		1805.12		
B. BURIED CABLE	5280		2180.84		
C. UNDERGROUND CABLE	5280		1494.24		
			TOTAL	5280.00	

DESCRIPTION	FIELD REPORTING CODE	(A) 1994 MATERIAL INVESTMENT (M)	(B) 1994 TPH	(C) 1994 MATERIAL INVESTMENT (A * B)	(D) 1994 INPLANT FACTOR	(E) 1994 INSTALLED INVESTMENT (C * D)	(F) MISC FACTORS	(G) 1994 INSTALLED INVESTMENT (Note 1)
1. AERIAL FIBER CABLE	822C		1.000		1			
2. BURIED FIBER CABLE	845C		1.000		1			
3. UG FIBER CABLE	85C		1.000		1			
4. POLES	811C						0.1431	
5. CONDUIT	84C						0.8814	

DESCRIPTION	FIELD REPORTING CODE	(H) LEVELIZATION FACTOR	(I) 1995-1997 LEVELIZED INVESTMENT (G * H)	(J) ROUTE TO AIR RATIO	(K) AIR MILE 1995-1997 LEVELIZED INVESTMENT (I * J)	(L) ANNUAL COST FACTOR	(M) 1995-1997 ANNUAL COST (K * L)	(N) 1995-1997 MONTHLY COST (M / 12)
1. AERIAL FIBER CABLE	822C	0.905				0.2420		
2. BURIED FIBER CABLE	845C	0.957				0.2421		
3. UG FIBER CABLE	85C	0.948				0.2493		
4. POLES	811C	1.082				0.2528		
5. CONDUIT	84C	1.037				0.2040		
						TOTAL		

Note 1: Lines 1, 2, and 3 = E
Line 4 = Line 1 * Line 4 Column F
Line 5 = Line 3 * Line 5 Column F

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F10C05Z

0000056

SERVICE
STATE
JURISDICTION
FILE NAME

D80 - LTR Fing
Florida
INTRASTATE
IOPL

Range Name: INPUT_0487
DATE
INVESTMENT YEAR
COST OF MONEY
STUDY TYPE

27-Feb-93
1992
12.50%
PROSPECTIVE

TRANSPORT DISTANCE 1
(AIR MILES)

A
1994
INVESTMENTS

B
DISTRIBUTION
TO CODE

FRC	TPH	INPLANT	LEVELTIN	ACF
100			1.059	0.1855
200			1.080	0.1707
811C			1.082	0.2928
840			1.037	0.2040
822C	1.000		0.905	0.2420
848C	1.000		0.987	0.2421
890	1.000		0.948	0.2495
357C	0.994	1.2913	0.992	0.2401

FIBER CABLE (PER FOOT)
AERIAL (822C)
BURIED (848C)
UNDERGROUND (890)

1.000000

1994
MISCELLANEOUS
FACTORS

1991 INVESTMENTS

FIBER
POLE
CONDUIT
COPPER
POLE
CONDUIT
357C
MCE&P
LAND
BUILDING

CENTRAL OFFICE EQUIPMENT (357C) **C**
0.1431 (PER CIRCUIT)
0.8914
END OFFICE
INT OO
REGENERATION
CHNL PLUG-IN
0.12940
0.00300
0.04040

D
PROBABILITY OF INTERMEDIATE CO'S

E
-AVERAGE MILES-

INTERMEDIATE CO

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7

ROUTE TO AIR RATIO

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under written agreement

Range Name: PARAMETERS

InterOffice Transport Investment Calculator
STUDY PARAMETERS

Florida
DSO - LTR Filing
INTRASTATE
PROSPECTIVE
1994
1

3

STATE
SERVICE
JURISDICTION
STUDY TYPE
INVESTMENT YEAR
TRANSPORT DISTANCE (AIR MILES)
MILEAGE BANDS

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under written agreement

N:\INTEROFF\DSO\LTR\INTOFFFC1BAND\IOFL\W130C05Z

0000058

InterOffice Transport Investment Calculator
SOURCES OF INPUTS

Range Name: SOURCES

<u>INPUT</u>	<u>SOURCE</u>
Fiber Cable Investments	Investments In Fiber Optic Cable Facilities - Interoffice Spreadsheet
Distribution to Code	Investments In Fiber Optic Cable Facilities - Interoffice Spreadsheet
Central Office Equipment Investments	Multiplexer Investments - Interoffice Spreadsheet
Factors	NCCIC
TPI	Factors Group - Frank Kolb
Inplant	Factors Group - Frank Kolb
Levelization	Factors Group - Frank Kolb
Annual Cost Factors	Factors Group - Frank Kolb
Pole	Factors Group - Frank Kolb
Conduit	Factors Group - Frank Kolb
MCE&P	Factors Group - Frank Kolb
Land	Factors Group - Frank Kolb
Building	Factors Group - Frank Kolb
Probability of Intermediate Central Offices	NCCIC
Average Miles	NCCIC
Route to Air Ratios	TIRKS Extracts - Carl DeFrancisco

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(A) INTERMEDIATE CO	(B) AVERAGE MILES 0	(C) CALCULATED REGENERATORS (((B-22)/22)-A)	(D) TOTAL REGENERATORS (C ROUNDED UP)	
	0		-1	REGEN30
	1		-2	REGEN31
	2		-3	REGEN32
	3		-4	REGEN33
	4		-5	REGEN34
	5		-6	REGEN35
	6		-7	REGEN36
	7		-8	REGEN37

(A) INTERMEDIATE CO	(B) AVERAGE MILES 0	(C) CALCULATED REGENERATORS (((B-22)/22)-A)	(D) TOTAL REGENERATORS (C ROUNDED UP)	
	0		1	REGEN11
	1		2	REGEN12
	2		1	REGEN13
	3		0	REGEN14
	4		0	REGEN15
	5		3	REGEN16
	6		7	REGEN17
	7		5	REGEN18

(A) INTERMEDIATE CO	(B) AVERAGE MILES 0	(C) CALCULATED REGENERATORS (((B-22)/22)-A)	(D) TOTAL REGENERATORS (B ROUNDED UP)	
	0		-1	REGEN21
	1		-2	REGEN22
	2		-3	REGEN23
	3		-4	REGEN24
	4		-5	REGEN25
	5		-6	REGEN26
	6		-7	REGEN27
	7		-8	REGEN28

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INTEROFFICE TRANSPORT INVESTMENT CALCULATOR

SERVICE
STATE
JURISDICTION

DSO - LTR Filing
 Florida
 INTRASTATE

DATE
STUDY YEAR
COST OF MONEY
STUDY TYPE

Range Name: NVST_BY_ACC
 27-Feb-95
 1995-1997
 12.50%
PROSPECTIVE

		INVESTMENT	
DESCRIPTION	FIELD REPORTING CODE	AIR MILE	ROUTE MILE
FIXED - PER CIRCUIT			

TOTAL CO EQUIPMENT	357C
LAND	20C
BUILDING	10C
TOTAL	

	PER MILE
--	----------

AERIAL FIBER CABLE	822C
BURIED FIBER CABLE	845C
UG FIBER CABLE	85C
POLES	811C
CONDUIT	84C
TOTAL CO EQUIPMENT	357C
LAND	20C
BUILDING	10C
TOTAL	

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/ INTEROFFICE TRANSPORT INVESTMENT CALCULATOR
SUMMARY

SERVICE
STATE
JURISDICTION

DS1-GENERAL OFFERING
Florida
INTRASTATE

DATE
STUDY YEAR
COST OF MONEY
STUDY TYPE

03-Jan-95
1995-1997
12.50%

PROSPECTIVE
Range Name: SUMMARY

RATE ELEMENT	FIXED END OFFICE	PER MILE INT CO	FACILITY PER MILE	TOTAL PER MILE
--------------	---------------------	--------------------	----------------------	-------------------

9

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INTEROFFICE TRANSPORT INVESTMENT CALCULATOR
CENTRAL OFFICE INVESTMENT CALCULATIONS
END OFFICES

Long Beach 800 OFFICES

SERVICE -
STATE -
APPROXICATION -
RELEASE BAND -

DS1-GENERAL OFFERS
Funds
INTRASTATE
0

DATE -
STUDY YEAR -
COST OF MONEY
STUDY TYPE -
03-Jan-85
1986-1987
12.50%
PROSPECTIVE

(A) 1981 MATERIAL INVESTMENT	(B) NUMBER REQUIRED	(C) 1981 MATERIAL INVESTMENT (A * B)	(D) PROB OF OCCURRENCE	(E) WEIGHTED MATERIAL INVESTMENT (C * D)	(F) 1984 TR	(G) 1984 MATERIAL INVESTMENT (E * D)
---------------------------------------	---------------------------	--	------------------------------	--	-------------------	--

END OFFICES
CHANNEL UNIT FLUO-N

TOTAL 1 1 1
TOTAL 0.894 1 1
0.894 1 1

DESCRIPTION	FIELD REPORTING CODE	(B) 1984 MATERIAL INVESTMENT	(C) 1984 PLANT FACTOR	(D) 1984 INSTALLED INVESTMENT (B * C)	(E) MISC FACTORS	(F) 1984 INSTALLED INVESTMENT (D * E)
1A. CO EQUIPMENT	387C		1.25130			
1B. MCE	387C			0.12940		
1C. POWER	387C			0.00000		
1. TOTAL CO EQUIPMENT	387C			0.00000		
2. LAND	300			0.04040		
3. BUILDING	100	0.0	0.1	0.0	0.0	0.0

DESCRIPTION	FIELD REPORTING CODE	(B) 1984 INSTALLED INVESTMENT	(C) LEVELATION FACTOR	(D) 1986-1987 LEVELIZED INVESTMENT (B * C)	(E) ANNUAL COST FACTOR	(F) 1986-1987 ANNUAL COST (D * E)	(G) 1986-1987 MONTHLY COST (D / 12)
1. TOTAL CO EQUIPMENT	387C		0.89000		0.3401		
2. LAND	300		1.00000		0.1707		
3. BUILDING	100		1.08800		0.1885		
TOTAL							

Notes 1: Line 1A = Line 1A Column 1
Line 1B = Line 1A * Line 1B Column J
Line 1C = Line 1A * Line 1C Column J
Line 1 = Line 1A + Line 1B + Line 1C
Line 2 = Line 1 * Line 2 Column J
Line 3 = Line 1 * Line 3 Column J

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INTEROFFICE TRANSPORT INVESTMENT CALCULATOR
CENTRAL OFFICE INVESTMENT CALCULATIONS
INTERMEDIATE CENTRAL OFFICE

Sample Form ITRM4M.CO

SERVICE -
STATE -
JURISDICTION -
MILEAGE BAND -

DS1-GENERAL OFFERING
Florida
INTRASTATE
0

DATE - 03-Jan-88
STUDY YEAR - 1985-1987
COST OF MONEY - 12.50%
STUDY TYPE - PROSPECTIVE

(4)	(A) 1991 MATERIAL INVESTMENT	(B) AVERAGE DISTANCE MILES	(C) NUMBER REGENERATOR REQUIRED ([(B-22)/23]-1)	(D) REGENERATOR MATERIAL INVESTMENT (A,B,CdA^C)	(E) TOTAL MATERIAL INVESTMENT (A+D)	(F) PROB OF OCCURENCE	(G) WEIGHTED MATERIAL INVESTMENT (E * F)	(H) MATERIAL INVESTMENT PER MILE (G / B)
L REGENERATION								
L INTERMEDIATE C.O.								
0				2				
1				2				
2				1				
3				0				
4				0				
5				4				
6				8				
7				0				

TOTAL

DESCRIPTION	FIELD REPORTING CODE	(G) 1991 MATERIAL INVESTMENT	(I) 1994 TPI	(J) 1994 MATERIAL INVESTMENT (I * B)	(K) 1994 SPLANT FACTOR	(L) 1994 INSTALLED INVESTMENT (J * K)	(M) MISC FACTORS	(N) 1994 MATERIAL INVESTMENT (Note 1)
1A. CO EQUIPMENT	357C		0.994		1.25130			0.12940
1B. MCE	357C							0.00000
1C. POWER	357C							
1. TOTAL CO EQUIPMEN	357C							0.00000
2. LAND	20C							0.04040
3. BUILDING	10C							

DESCRIPTION	FIELD REPORTING CODE	(O) 1994 INSTALLED INVESTMENT	(P) LEVELIZATION FACTOR	(Q) 1985-1987 LEVELIZED INVESTMENT (O * P)	(R) ANNUAL COST FACTOR	(S) 1985-1987 ANNUAL COST (Q * R)	(T) 1985-1987 MONTHLY COST (S / 12)
1. TOTAL CO EQUIPMEN	357C		0.992000		0.3401		
2. LAND	20C		1.080000		0.1707		
3. BUILDING	10C		1.058000		0.1888		
TOTAL							

Note 1: Line 1A = Line 1A Column L
Line 1B = Line 1A * Line 1B Column M
Line 1C = Line 1A * Line 1C Column M
Line 1 = Line 1A + Line 1B
Line 2 = Line 1 * Line 2 Column M
Line 3 = Line 1 * Line 3 Column M

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**INTEROFFICE TRANSPORT INVESTMENT CALCULATOR
FIBER PER MILE CALCULATIONS**

Range Meter FIBER

SERVICE -
STATE -
JURISDICTION -
MILEAGE BAND -

DS1-GENERAL OFFERING
Florida
INTRASTATE
0

DATE - 03-Jan-95
STUDY YEAR - 1995-1997
COST OF MONEY 12.50%
STUDY TYPE - PROSPECTIVE

I. TRANSPORT AIR DISTANCE (MI)
II. TRANSPORT AIR DISTANCE (FT)
9 III. ROUTE TO AIR RATIO

1
5280

(I * 5280)

SOURCE: Service Specific Circuit Analysis

	(I) BAND DISTANCE	(II) PROB OF OCCURRENCE	(III) CABLE LENGTH (I * II)	(IV) CABLE INVESTMENT PER FOOT	(V) CABLE INVESTMENT (III * IV)
A. AERIAL CABLE	5280		1905.12		
B. BURIED CABLE	5280		2180.84		
C. UNDERGROUND CABLE	5280		1484.24		
TOTAL			5280.00		

DESCRIPTION	FIELD REPORTING CODE	(A) 1994 MATERIAL INVESTMENT (M)	(B) 1994 TPI	(C) 1994 MATERIAL INVESTMENT (A * B)	(D) 1994 INPLANT FACTOR	(E) 1994 INSTALLED INVESTMENT (C * D)	(F) MISC FACTORS	(G) 1994 INSTALLED INVESTMENT (Note 1)
1. AERIAL FIBER CABLE	822C		1.0000		1			
2. BURIED FIBER CABLE	845C		1.0000		1			
3. UG FIBER CABLE	85C		1.0000		1			
4. POLES	811C						0.14310	
5. CONDUIT	84C						0.85140	

DESCRIPTION	FIELD REPORTING CODE	(H) LEVELIZATION FACTOR	(I) 1995-1997 LEVELIZED INVESTMENT (G * H)	(J) ROUTE TO AIR RATIO	(K) AIR MILE 1995-1997 LEVELIZED INVESTMENT (I * J)	(L) ANNUAL COST FACTOR	(M) 1995-1997 ANNUAL COST (K * L)	(N) 1995-1997 MONTHLY COST (M / 12)
1. AERIAL FIBER CABLE	822C	0.80500				0.2420		
2. BURIED FIBER CABLE	845C	0.95700				0.2421		
3. UG FIBER CABLE	85C	0.94800				0.2483		
4. POLES	811C	1.082				0.2528		
5. CONDUIT	84C	1.037				0.2040		
TOTAL								

Note 1: Lines 1, 2, and 3 = E
Line 4 = Line 1 * Line 4 Column F
Line 5 = Line 3 * Line 5 Column F

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SERVICE
STATE
JURISDICTION
FILE NAME

DS1-GENERAL OFFERING
Florida
INTRASTATE
IOPL

DATE
INVESTMENT YEAR
COST OF MONEY
STUDY TYPE

03-Jan-85
1984
12.50%
PROSPECTIVE
Range Name: INPUT_SHEET

TRANSPORT DISTANCE 1
(AIR MILES)

A
1984
INVESTMENTS

B
DISTRIBUTION
TO CODE

PRC	TPI	INPLANT	LEVELZTN	ACF
10C	1.000		1.000	0.1858
20C	1.000		1.000	0.1707
811C	1.000		1.082	0.2828
84C	1.000		1.037	0.2048
822C	1.000		0.908	0.2430
848C	1.000		0.987	0.2421
88C	1.000		0.848	0.2483
357C	0.984	1.2513	0.982	0.3401

FIBER CABLE (PER FOOT)
AERIAL (822C)
BURIED (848C)
UNDERGROUND (88C)

14 1.000000

MISCELLANEOUS
FACTORS

FIBER 0.14310
POLE 0.88140
CONDUIT 0.88140
COPPER 0.14310
POLE 0.88140
CONDUIT 0.88140
357C 0.12940
MCE&P 0.00000
LAND 0.00000
BUILDING 0.04040

1981 INVESTMENTS

C
CENTRAL OFFICE EQUIPMENT (357C)
PER CIRCUIT
END OFFICE
INT CO
REGENERATION
CHNL PLUG-IN

D
PROBABILITY OF INTERMEDIATE CO'S

INTERMEDIATE CO

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7

ROUTE TO AIR RATIO

E
-AVERAGE MILES-

NOTICE
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InterOffice Transport Investment Calculator
STUDY PARAMETERS

Range Name: PARAMETERS

Florida
DS1-GENERAL OFFERING
INTRASTATE
PROSPECTIVE
1994
1

1

STATE
SERVICE
JURISDICTION
STUDY TYPE
INVESTMENT YEAR
TRANSPORT DISTANCE (AIR MILES)
MILEAGE BANDS

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InterOffice Transport Investment Calculator
SOURCES OF INPUTS

Range Name: SOURCES

<u>INPUT</u>	<u>SOURCE</u>
Fiber Cable Investments	Investments in Fiber Optic Cable Facilities - Interoffice Spreadsheet
Distribution to Code	Investments in Fiber Optic Cable Facilities - Interoffice Spreadsheet
Central Office Equipment Investments	Multiplexer Investments - Interoffice Spreadsheet
Factors	NCCIC
TPI	Factors Group - Frank Kolb
Inplant	Factors Group - Frank Kolb
Levelization	Factors Group - Frank Kolb
Annual Cost Factors	Factors Group - Frank Kolb
Pole	Factors Group - Frank Kolb
Conduit	Factors Group - Frank Kolb
MCE&P	Factors Group - Frank Kolb
Land	Factors Group - Frank Kolb
Building	Factors Group - Frank Kolb
Probability of Intermediate Central Offices	NCCIC
Average Miles	NCCIC
Route to Air Ratios	TIRKS Extracts - Carl DeFrancisco

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(A) INTERMEDIATE CO	(B) AVERAGE MILES 0	(C) CALCULATED REGENERATORS (((B-22)/22)-A)	(D) TOTAL REGENERATORS (C ROUNDED UP)	Range Name #REGEN
0		-1	-1	REGEN30
1		-2	-2	REGEN31
2		-3	-3	REGEN32
3		-4	-4	REGEN33
4		-5	-5	REGEN34
5		-6	-6	REGEN35
6		-7	-7	REGEN36
7		-8	-8	REGEN37

(A) INTERMEDIATE CO	(B) AVERAGE MILES 0	(C) CALCULATED REGENERATORS (((B-22)/22)-A)	(D) TOTAL REGENERATORS (C ROUNDED UP)	Range Name #REGEN
0		1	2	REGEN11
1		0	2	REGEN12
2		0	1	REGEN13
3		0	0	REGEN14
4		0	0	REGEN15
5		3	4	REGEN16
6		7	8	REGEN17
7		8	8	REGEN18

(A) INTERMEDIATE CO	(B) AVERAGE MILES 0	(C) CALCULATED REGENERATORS (((B-22)/22)-A)	(D) TOTAL REGENERATORS (B ROUNDED UP)	Range Name #REGEN
0		-1	-1	REGEN21
1		-2	-2	REGEN22
2		-3	-3	REGEN23
3		-4	-4	REGEN24
4		-5	-5	REGEN25
5		-6	-6	REGEN26
6		-7	-7	REGEN27
7		-8	-8	REGEN28

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INTEROFFICE TRANSPORT INVESTMENT CALCULATOR

SERVICE
STATE
JURISDICTION

DS1-GENERAL OFFERING
Florida
INTRASTATE

DATE
STUDY YEAR
COST OF MONEY
STUDY TYPE

03-Jan-95
1995-1997
12.50%

PROSPECTIVE

Range Name: NVST_BY_AOCT

	A	B	C	D
DESCRIPTION	FIELD REPORTING CODE	INVESTMENT		
		AIR MILE	ROUTE MILE	
FIXED - PER CIRCUIT				

TOTAL CO EQUIPMENT	357C
LAND	20C
BUILDING	10C
TOTAL	

PER MILE

AERIAL FIBER CABLE	822C	
BURIED FIBER CABLE	845C	
UG FIBER CABLE	85C	
POLES	811C	
CONDUIT	84C	
TOTAL CO EQUIPMENT	357C	
LAND	20C	
BUILDING	10C	
TOTAL		==

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/ INTEROFFICE TRANSPORT INVESTMENT CALCULATOR
SUMMARY

SERVICE
STATE
JURISDICTION

DS3 General Offering
Florida
INTRASTATE

DATE
STUDY YEAR
COST OF MONEY
STUDY TYPE

04-Jan-95
1995-1997
12.96%

PROSPECTIVE
Range Name: SUMMARY

RATE ELEMENT	FIXED END OFFICE	PER MILE INT CO	FACILITY PER MILE	TOTAL PER MILE
--------------	---------------------	--------------------	----------------------	-------------------

9

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**INTEROFFICE TRANSPORT INVESTMENT CALCULATOR
CENTRAL OFFICE INVESTMENT CALCULATIONS
FIXED COSTS
END OFFICES**

Range Name: END_OFFICE

SERVICE -
STATE -
JURISDICTION -
MILEAGE BAND -

DS3 General Offering
Florida
INTRASTATE
0

DATE - 04-Jan-95
STUDY YEAR - 1995-1997
COST OF MONEY - 12.96%
STUDY TYPE - PROSPECTIVE

(A) 1991 MATERIAL INVESTMENT	(B) NUMBER REQUIRED	(C) 1991 MATERIAL INVESTMENT (A * B)	(D) PROB OF OCCURRENCE	(E) WEIGHTED MATERIAL INVESTMENT (C * D)	(F) 1994 TPI	(G) 1994 MATERIAL INVESTMENT (E * F)
---------------------------------------	---------------------------	--	------------------------------	--	--------------------	--

END OFFICES
CHANNEL UNIT PLUG-IN

1
1

0.994
0.994

TOTAL

DESCRIPTION	FIELD REPORTING CODE	(G) 1994 MATERIAL INVESTMENT	(H) 1994 INPLANT FACTOR	(I) 1994 INSTALLED INVESTMENT (G * H)	(J) MISC FACTORS	(K) 1994 INSTALLED INVESTMENT (Note 1)
1A. CO EQUIPMENT	357C		1.25130			
1B. MCE	357C				0.12940	
1C. POWER	357C				0.00000	
1. TOTAL CO EQUIPMENT	357C					
2. LAND	20C				0.00300	
3. BUILDING	10C				0.04040	

DESCRIPTION	FIELD REPORTING CODE	(O) 1994 INSTALLED INVESTMENT	(L) LEVELIZATION FACTOR	(M) 1995-1997 LEVELIZED INVESTMENT (K * L)	(N) ANNUAL COST FACTOR	(P) 1995-1997 ANNUAL COST (M * N)	(Q) 1995-1997 MONTHLY COST (O / 12)
1. TOTAL CO EQUIPMENT	357C		0.99200		0.3401		
2. LAND	20C		1.06000		0.1707		
3. BUILDING	10C		1.05800		0.1855		

TOTAL

Note 1: Line 1A = Line 1A Column I
Line 1B = Line 1A * Line 1B Column J
Line 1C = Line 1A * Line 1C Column J
Line 1 = Line 1A + Line 1B + Line 1C
Line 2 = Line 1 * Line 2 Column J
Line 3 = Line 1 * Line 3 Column J

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INTEROFFICE TRANSPORT INVESTMENT CALCULATOR
CENTRAL OFFICE INVESTMENT CALCULATIONS
INTERMEDIATE CENTRAL OFFICE

Interoffice Investment Calc

SERVICE -
STATE -
JURISDICTION -
MILEAGE BAND -

DSS General Operating
Folder
RTTUASTATE
0

DATE - 04-Jan-86
STUDY YEAR - 1995-1997
COST OF MONEY 12.95%
STUDY TYPE - PROSPECTIVE

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1991 MATERIAL INVESTMENT	AVERAGE DISTANCE MILES	NUMBER REQUIRED (105-29722-4)	REGENERATOR MATERIAL INVESTMENT (\$/L/CM/AY)	TOTAL MATERIAL INVESTMENT (A + D)	PROB OF OCCURRENCE	WEIGHTED MATERIAL INVESTMENT (E * F)	MATERIAL INVESTMENT PER MILE (G / H)

1 REGENERATION
2 INTERMEDIATE C.O.

0							
1				2			
2				1			
3				0			
4				0			
5				0			
6				0			
7				0			

TOTAL

1A. CO EQUIPMENT	357C	(F)	0	(G)	(H)	(I)	(J)	(K)	(L)
1B. MCE	357C								
1C. POWER	357C								
1. TOTAL CO EQUIPMENT	357C		0.994					1.25430	0.12946
2. LAND	20C								0.00000
3. BUILDING	10C								0.00000

1. TOTAL CO EQUIPMENT	357C	1	0.990000	1	0.2401
2. LAND	20C		1.050000		0.1797
3. BUILDING	10C		1.050000		0.1859
TOTAL					

Note 1: Line 1A = Line 1A Column L
 Line 1B = Line 1A * Line 1B Column M
 Line 1C = Line 1A * Line 1C Column M
 Line 1 = Line 1A + Line 1B
 Line 2 = Line 1 * Line 2 Column M
 Line 3 = Line 1 * Line 3 Column M

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**INTEROFFICE TRANSPORT INVESTMENT CALCULATOR
FIBER PER MILE CALCULATIONS**

Range Meter FIBER

SERVICE - DSS General Offering
STATE - Florida
JURISDICTION - INTRASTATE
MILEAGE BAND - 0

DATE - 04-Jan-95
STUDY YEAR - 1995-1997
COST OF MONEY - 12.98%
STUDY TYPE - PROSPECTIVE

I. TRANSPORT AIR DISTANCE (MI)
II. TRANSPORT AIR DISTANCE (FT)
9 III. ROUTE TO AIR RATIO

1
\$280 (I * \$280)
SOURCE: Service Specific Circuit Analysis

	(I) BAND DISTANCE	(II) PROB OF OCCURRENCE	(III) CABLE LENGTH (I * II)	(IV) CABLE INVESTMENT PER FOOT	(V) CABLE INVESTMENT (III * IV)
A. AERIAL CABLE	5280		1805.12		
B. BURIED CABLE	5280		2180.84		
C. UNDERGROUND CABLE	5280		1484.24		
TOTAL			5280.00		

DESCRIPTION	FIELD REPORTING CODE	(A) 1994 MATERIAL INVESTMENT (M)	(B) 1994 TPI	(C) 1994 MATERIAL INVESTMENT (A * B)	(D) 1994 INPLANT FACTOR	(E) 1994 INSTALLED INVESTMENT (C * D)	(F) MISC FACTORS	(G) 1994 INSTALLED INVESTMENT (Note 1)
1. AERIAL FIBER CABLE	822C	1	1.0000		1			
2. BURIED FIBER CABLE	845C		1.0000		1			
3. UG FIBER CABLE	85C		1.0000		1			
4. POLES	811C						0.14310	
5. CONDUIT	84C						0.95140	

DESCRIPTION	FIELD REPORTING CODE	(H) LEVELIZATION FACTOR	(I) 1995-1997 LEVELIZED INVESTMENT (G * H)	(J) ROUTE TO AIR RATIO	(K) AIR MILE 1995-1997 LEVELIZED INVESTMENT (I * J)	(L) ANNUAL COST FACTOR	(M) 1995-1997 ANNUAL COST (K * L)	(N) 1995-1997 MONTHLY COST (M / 12)
1. AERIAL FIBER CABLE	822C	0.90500				0.2420		
2. BURIED FIBER CABLE	845C	0.95700				0.2421		
3. UG FIBER CABLE	85C	0.94800				0.2483		
4. POLES	811C	1.062				0.2528		
5. CONDUIT	84C	1.037				0.2040		
TOTAL								

Note 1: Lines 1, 2, and 3 = E
Line 4 = Line 1 * Line 4 Column F
Line 5 = Line 3 * Line 5 Column F

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SERVICE
STATE
JURISDICTION
FILE NAME

D53 General Offering
Florida
INTRASTATE
ICAL

DATE
INVESTMENT YEAR
COST OF MONEY
STUDY TYPE

04-Jan-95
1994
12.96%
PROSPECTIVE
Range Name: INPUT_SHEET

TRANSPORT DISTANCE 1
(AIR MILES)

A
1994
INVESTMENTS

B
DISTRIBUTION
TO CODE

	FRC	TPI	INPLANT	LEVELZTN	ACP
	10C	1.000		1.089	0.1888
	20C	1.000		1.080	0.1707
	811C	1.000		1.082	0.2528
	84C	1.000		1.037	0.2043
	822C	1.000		0.906	0.2420
	848C	1.000		0.967	0.2421
	88C	1.000		0.948	0.2493
	357C	0.984	1.2513	0.982	0.3401

FIBER CABLE (PER FOOT)
AERIAL (822C)
BURIED (848C)
UNDERGROUND (88C)

1.000000

MISCELLANEOUS
FACTORS

FIBER
POLE
CONDUIT
COPPER
POLE
CONDUIT
357C
MCE&P
LAND
BUILDING

1991 INVESTMENTS
C
CENTRAL OFFICE EQUIPMENT (857C)
0.14310 (PER CIRCUIT)
0.88148
END OFFICE
0.14310 INT CO
0.88148 REGENERATION
CHNL PLUG-IN
0.12940
0.00300
0.04040

D
PROBABILITY OF INTERMEDIATE CO'S

INTERMEDIATE CO

0
1
2
3
4
5
6
7

ROUTE TO AIR RATIO

E
AVERAGE MILES

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InterOffice Transport Investment Calculator
STUDY PARAMETERS

Range Name: PARAMETERS

Florida
DS3 General Offering
INTRASTATE
PROSPECTIVE
1994
1

1

STATE
SERVICE
JURISDICTION
STUDY TYPE
INVESTMENT YEAR
TRANSPORT DISTANCE (AIR MILES)
MILEAGE BANDS

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InterOffice Transport Investment Calculator
SOURCES OF INPUTS

Range Name: SOURCES

<u>INPUT</u>	<u>SOURCE</u>
Fiber Cable Investments	Investments in Fiber Optic Cable Facilities - Interoffice Spreadsheet
Distribution to Code	Investments in Fiber Optic Cable Facilities - Interoffice Spreadsheet
Central Office Equipment Investments	Multiplexer Investments - Interoffice Spreadsheet
Factors	NCCIC
TPI	Factors Group - Frank Kolb
Inplant	Factors Group - Frank Kolb
Levelization	Factors Group - Frank Kolb
Annual Cost Factors	Factors Group - Frank Kolb
Pole	Factors Group - Frank Kolb
Conduit	Factors Group - Frank Kolb
MCE&P	Factors Group - Frank Kolb
Land	Factors Group - Frank Kolb
Building	Factors Group - Frank Kolb
Probability of Intermediate Central Offices	NCCIC
Average Miles	NCCIC
Route to Air Ratios	TIRKS Extracts - Carl DeFrancisco

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(A) INTERMEDIATE CO	(B) AVERAGE MILES 0	(C) CALCULATED REGENERATORS (((B-22)/22)-A)	(D) TOTAL REGENERATORS (C ROUNDED UP)	Range Meter #B2024
0			-1	REGEN30
1			-2	REGEN31
2			-3	REGEN32
3			-4	REGEN33
4			-5	REGEN34
5			-6	REGEN35
6			-7	REGEN36
7			-8	REGEN37

(A) INTERMEDIATE CO	(B) AVERAGE MILES 0	(C) CALCULATED REGENERATORS (((B-22)/22)-A)	(D) TOTAL REGENERATORS (C ROUNDED UP)	
0			1	REGEN11
1			2	REGEN12
2			1	REGEN13
3			0	REGEN14
4			0	REGEN15
5			4	REGEN16
6			8	REGEN17
7			5	REGEN18

(A) INTERMEDIATE CO	(B) AVERAGE MILES 0	(C) CALCULATED REGENERATORS (((B-22)/22)-A)	(D) TOTAL REGENERATORS (B ROUNDED UP)	
0			-1	REGEN21
1			-2	REGEN22
2			-3	REGEN23
3			-4	REGEN24
4			-5	REGEN25
5			-6	REGEN26
6			-7	REGEN27
7			-8	REGEN28

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INTEROFFICE TRANSPORT INVESTMENT CALCULATOR

SERVICE
STATE
JURISDICTION

DS3 General Offering
 Florida
 INTRASTATE

DATE
STUDY YEAR
COST OF MONEY
STUDY TYPE

04-Jan-95
 1995-1997
 12.96%
PROSPECTIVE

Range Name: NVST_BY_ACCT

	A	B	C	D
DESCRIPTION	FIELD REPORTING CODE	INVESTMENT		
		AIR MILE	ROUTE MILE	
FIXED - PER CIRCUIT				

TOTAL CO EQUIPMENT	357C
LAND	20C
BUILDING	10C
TOTAL	

PER MILE

AERIAL FIBER CABLE	822C
BURIED FIBER CABLE	845C
UG FIBER CABLE	85C
POLES	811C
CONDUIT	84C
TOTAL CO EQUIPMENT	357C
LAND	20C
BUILDING	10C
TOTAL	

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DS3 to DS1 Channelization

The monthly costs for the DS3 to DS1 channelization was based on the channelization investments used for the SMARTPathSM DS3 cost study.

The reusable costs for the 28 DS1 Channel System include the equipment shelf, common plugs, and associated bay and racking for the electronic equipment. The non-reusable costs are for the labor and engineering at the customer's premises.

The monthly costs per DS1 on a 28 DS1 channel system are for the DS1 card that multiplexes the DS3 signal to a DS1 level. Associated land and building factors are applied to equipment in developing costs for both rate elements.

/ Local Transport Restructure
 Levelized 1995-1997 Costs
 Florida
 28 DS1 Channel System and DS1 channel interfaces

A

	ANNUAL COST FACTORS		
	357C	20C	10C
Investment			
9 Depreciation	0.1550	0.0000	0.0213
Cost of Money	0.0765	0.1057	0.0960
Income Tax	0.0370	0.0511	0.0463
Capital Expense	0.2625	0.1868	0.1636
Maintenance	0.0070	0.0000	0.0078
Ad Valorem Tax	0.0114	0.0114	0.0114
Administration	0.0483	0.0000	0.0000
Operating Expense	0.0667	0.0114	0.0182
Gross Receipts Tax	0.0040	0.0025	0.0027
TOTAL ANNUAL COST	0.3401	0.1707	0.1855

TOTAL MONTHLY COST

10C05Z

0000081

B

- Per 28 DS1 Channel System

REUSABLE COSTS			
357C	20C	10C	TOTAL
\$10,966.88	\$32.90	\$443.06	\$11,442.84

C

- Per DS1 on a 28 DS1 Channel System

REUSABLE COSTS			
357C	20C	10C	TOTAL
\$125.88	\$0.37	\$5.08	\$131.33

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Local Transport Restructure
 Limited 1985-1987 Costs
 Florida
 25021 Channel System and DB1 channel installation

- For 25021 Channel System

EQUIPMENT MATERIAL DESCRIPTION	ACCOUNT CODE	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
		TOTAL MATERIAL INVESTMENT (\$'000)	TOTAL MATERIAL INVESTMENT (\$'000)	1984 TO 1984 (\$'000)	TOTAL 1984 MATERIAL INVESTMENT (\$'000)	1984 INPLANT FACTOR	TOTAL 1984 INSTALLED INVESTMENT (\$'000)	INVESTMENT INPLANT FACTOR	TOTAL 1985 INVESTMENT (\$'000)	LOADING FACTOR	TOTAL 1985 INVESTMENT + MCEAP (\$'000)	UTILIZATION FACTOR	TOTAL 1985 UTILIZED INVESTMENT (\$'000)	ANNUAL COST FACTORS	85-87 ANNUAL COST (\$'000)	85-87 MONTHLY COST (\$'000)
RELEASABLE COST																
12 SHELF	2590			0.004		1.04294		0.002		0.1294						
COMMONS	2590			0.004		1.04294		0.002		0.1294						
DRY & PACKING	2590			0.004		1.04294		0.002		0.1294						
DB1 CARD (Banking)	2590															0.2401
LAND	280									0.002						0.1787
BUILDING	180									0.004						0.1255

F10C05Z

TOTAL RECURRING COSTS
 - For 25021 Channel System

MONTH TO MONTH

0000082

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 as otherwise approved.

1 Local Transport Restructure
 Levelled 1985-1987 Costs
 Florida
 25 DB1 Channel System and DB1 channel infrastructure

- Per DB1 on a 25 DB1 Channel System

EQUIPMENT MATERIAL DESCRIPTION	ACCOUNT CODE	(1) TOTAL MATERIAL INVESTMENT E*2	(2) TOTAL MATERIAL INVESTMENT E*3	(3) TOTAL 1981 TO 1984 INVESTMENT E*4	(4) TOTAL 1984 MATERIAL INVESTMENT E*5	(5) 1984 INFLATION FACTOR	(6) TOTAL 1984 INSTALLED INVESTMENT E*7	(7) INVESTMENT INFLATION FACTOR	(8) TOTAL 1985 INVESTMENT E*8	(9) LOADING FACTORS	(10) TOTAL 1985 INVESTMENT + MCEAP E*9	(11) UTILIZATION FACTOR	(12) TOTAL 1985 UTILISED INVESTMENT E*11	(13) ANNUAL COST FACTORS	(14) 85-87 ANNUAL COST E*12	(15) 85-87 MONTHLY COST E*13
RECURRING COST																
DB1 CVD	252C		0.25		0.255		1.04559		0.262		0.1284				0.3401	
LAND	18C										0.003				0.1287	
BUILDING	18C										0.0404				0.1288	

F10C05Z

TOTAL RECURRING COSTS
 - Per DB1 on a 25 DB1 Channel System

18 MONTH TO MONTH

0000083

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Intrastate Common Channel Signalling Access (CCSAC)
 CCS7 Signalling Connection

State: Florida
 Date: 06/09/95
 Workpaper: 2
 Page: 1 of 3

USOC SATCL

LN	Description	(A) Investments	(B) Annual Cost Factors	(C=A*B) Annual Costs
1	Development of Monthly Costs			
2				
3				
4	Land	\$1.57	0.1662	\$0.26
5	Building	\$29.54	0.1828	\$5.40
6	Digital Electronic Switch	\$15.35	0.3101	\$4.78
7	Digital Circuit - DCS	\$272.44	0.2998	\$81.62
8	Digital Circuit - Pair Gain	\$204.73	0.2772	\$56.89
9	Digital Circuit - Other	\$439.32	0.3321	\$145.90
10	Poles	\$33.67	0.2499	\$8.38
11	Aerial Cable - Metallic	\$168.37	0.3618	\$60.18
12	Aerial Cable - Fiber	\$1.60	0.2368	\$0.38
13	Underground Cable - Metallic	\$34.34	0.3849	\$13.22
14	Underground Cable - Fiber	\$3.52	0.2457	\$0.86
15	Buried Cable - Metallic	\$218.15	0.3488	\$75.65
16	Buried Cable - Fiber	\$4.24	0.2368	\$1.01
17	Intrabuilding Network Cable - Metallic	\$1.41	0.2297	\$0.32
18	Conduit Systems	\$24.01	0.2010	\$4.83
19				\$455.66
20	Total			
21				
22	Gross Receipts Tax Factor	1.0147		
23				
24	Monthly Cost (including GRT) ¹	\$39.38		
25				
26				
27	(C20*A22)/12			
28				
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Intrastate Common Channel Signalling Access (CCSAC)
 CCS7 Signalling Termination

State: Florida
 Date: 06/09/95
 Workpaper: 2
 Page: 2 of 3

USOC SATSA

LN	Description	Source	Amount
1	Investment		\$3,689.00
2	Digital Switch		
3			
4	Annual Cost Factor		0.3101
5	Digital Switch		
6			
7	RTU Fee		\$1,035.00
8			
9	Amortization Factor		0.2138
10			
11	Annual Cost	$(LN2 * LN5) + (LN7 * LN9)$	\$1,365.24
12			
13	Gross Receipts Tax Factor		1.0147
14			
15	Monthly Cost (including CRT)	$(LN11 * LN13) / 12$	\$115.44
16			
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58			
59			
60			

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0000085

LN	Description	Source	Amount
1	Monthly Costs		
2			
3	Non-Integrated Design		
4			
5	DS1 Channelization (per 24 DS0 Channels)	Fundamental Study	\$112.91
6	Feature Activation	Fundamental Study (24 Plugs)	\$85.68
7	Trunk Side Termination	LN17	\$123.30
8			
9	Total		\$321.89
10			
11			
12	Integrated Design		
13			
14	DS1 Termination	SCIS Output	\$122.99
15	SESS		\$124.00
16	DMS		\$123.30
17	Melded ¹	LN15*.89+LN16*.31	
18			
19	DSX Panel	Fundamental Study	\$1.12
20			
21	Total		\$124.42
22			
23	Meld Calculations		
24			
25	Probability of Occurrence		15%
26	Non-Integrated Design	Network	85%
27	Integrated Design	Network	
28			
29			
30	Melded Cost	LN25*LN9+LN27*LN21	\$154.04
31			
32			
33			
34	Meld percentages based on NALs.		
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			

**/ LOCAL TRANSPORT RESTRUCTURE SUMMARY OF COSTS
FLORIDA - 07/17/95
USAGE COSTS:**

C. Switched Interoffice Channel-Switched Common Transport, per access minute:

5 -per mile

6 -facilities termination

D. Access Tandem Switching:

8 -per access minute

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NCAT Executive Summary
Switched Access

The NCAT Switched Access usage cost study develops the incremental unit costs involved in the provision of FGB and FGD Switched Access Services. The costs are developed at the 1994 level with a 12.5% cost of money. All costs are calculated on a forward-looking basis. This implies that the most cost-effective technology approved for use will be deployed.

A summary of the study results identifying the usage cost elements specific to the Local Transport Restructure (LTR) is enclosed in this documentation. Costs are included for the following elements:

- Switched Common Transport, per minute of use (MOU)
- Switched Common Transport, per MOU, per mile
- Termination Trunking, per minute
- Tandem Switching, per minute

NCAT Description of Procedures Toll and Switched Access

Bellcore's Network Cost Analysis Tool - Production Module (NCAT) was used to develop long run incremental costs for various services, including Local usage, MTS, WATS, 800 and Switched Access. The NCAT application has four modules. They are as follows: the report system, calculator, usage and database modules. The database module contains files that must be populated in order to use the application. More specifically, the end office, tandem, facility, tandem homing arrangement, POT homing arrangement, point of termination, alias, annual cost factor, facility/termination unit investment, SMORT, switch mix, system control and service definition files must be either built or obtained from some source.

The end office, tandem, tandem homing arrangement, point of termination, POT homing arrangement and switch mix files are developed from Company databases such as LSDF, LERG, GTF and ICADS databases. The information in the service definition file is obtained from the Call Setup application and the Network department. Some of the fields in the system control file are populated with information from the Network department and the others are user defined.

The SMORT file is obtained from the Switching Cost Information System(SCIS) module. This file contains the necessary information to develop switch investments for DMS and 5E technologies and their corresponding remotes.

The facility or TIRKS file is obtained from the Information Technologies (IT) organization. This file contains the trunking information for toll and switched access services for the state under study.

The investments in the FTUI file are obtained from the Economic Analysis interoffice group. This file contains banded investments for each plant account used in the service under study.

The usage point-to-point data is obtained from the IT department. The data is preprocessed into usage file format defined and required by NCAT.

Once all the files in the database are populated and the usage file is obtained and loaded, the NCAT calculator can be invoked. The calculator's main function is to produce long run incremental costs in the form of the costs for the initial and additional minute of use by distance band and by time of day or rate period; but, in

**NCAT Description of Procedures
Toll and Switched Access**

order to develop the long run incremental cost, a selected demand change percent or stimulation factor is used to determine "offered load" (messages and minutes) for the service under study. The network component costs are based on the amount of resources necessary to carry this "offered load". This cost is structured into two components: setup and duration.

The setup cost is the cost of the network equipment necessary to setup a call. The duration is the cost of the equipment necessary to transport a call.

The setup and duration costs are used to develop costs for an initial and an additional minute in the following manner; the duration cost is the cost for the additional minute. The costs for an additional minute is the sum of the setup cost per message cost, expense per message cost and the duration per minute cost.

**Switched Access Local Transport Cost Summary (FGB&D)
Florida**

(a) Setup Cost/Msg	(b) Duration Cost/Min	(c) Average Min/Msg	(d) Setup Cost/Min ((a)/(c))	(e) Total Cost per Min ((b)+(d))
--------------------------	-----------------------------	---------------------------	---------------------------------------	---

Average Business Day Costs:

- | | |
|---|-------|
| 1. Facilities Trunking | |
| 2. SS7 | |
| 3. Switched Common Transport Cost per Minute: | |
| 4. Avg Miles/MOU | |
| 5. Switched Common Transport Cost per MOU, per mile | L3/L4 |
| 6. Termination Trunking | |
| 7. Termination Trunking Cost per Minute: | |
| 8. Tandem Switching | |
| 9. Tandem Switching Cost per Minute: | |
| 10. Total Cost per Minute: | |

Source: FL Switched Access (FGB&FGD) Cost Study dated 2/07/95.
FL LTR Demand Data, 6/93 Allocations

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0000091

NETWORK COST ANALYSIS TOOL (NCAT)
SWITCHED ACCESS (FGB+FGD)

STUDY: FLACCD
DB : FL
VER : 3.4
CALC TYPE: MARGINAL

RUN DATE: 07-FEB-95
TIME : 17:29:20
PAGE : 1

INCREMENTAL MESSAGES AND MINUTES
BY DISTANCE BAND BY RATE PERIOD

A	B	C	D	E
DISTANCE BAND	RATE PERIOD	MESSAGES	TOTAL MINUTES	AVG MIN./MSG
01	01			
	02			
	03			
	TOTAL			
02	01			
	02			
	03			
	TOTAL			
03	01			
	02			
	03			
	TOTAL			
04	01			
	02			
	03			
	TOTAL			
05	01			
	02			
	03			
	TOTAL			
06	01			
	02			
	03			
	TOTAL			
ALL	01			
	02			
	03			
	TOTAL			

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0000092

NETWORK COST ANALYSIS TOOL (NCAT)
 SWITCHED ACCESS (FGB+FGD)

STUDY: FLACCD
 DB : FL
 VER : 3.4
 CALC TYPE: MARGINAL

RUN DATE: 07-FEB-95
 TIME : 17:29:20
 PAGE : 2

TRAFFIC SENSITIVE UNIT COST - SETUP RELATED

DB	RP	TOTAL	SWITCHING				TRUNKING		
			EO	TDN	MEAS	FAC	TERM	SET	
		A	B	C	D	E	F	G	
10	01								
	02								
	03								
	AVG								
	02								
	02								
	03								
	AVG								
	03								
	02								
	03								
	AVG								
	04								
	02								
	03								
	AVG								
	05								
	02								
	03								
	AVG								
	06								
	02								
	03								
	AVG								
	ALL								
	01								
	02								
	03								
37	AVG								

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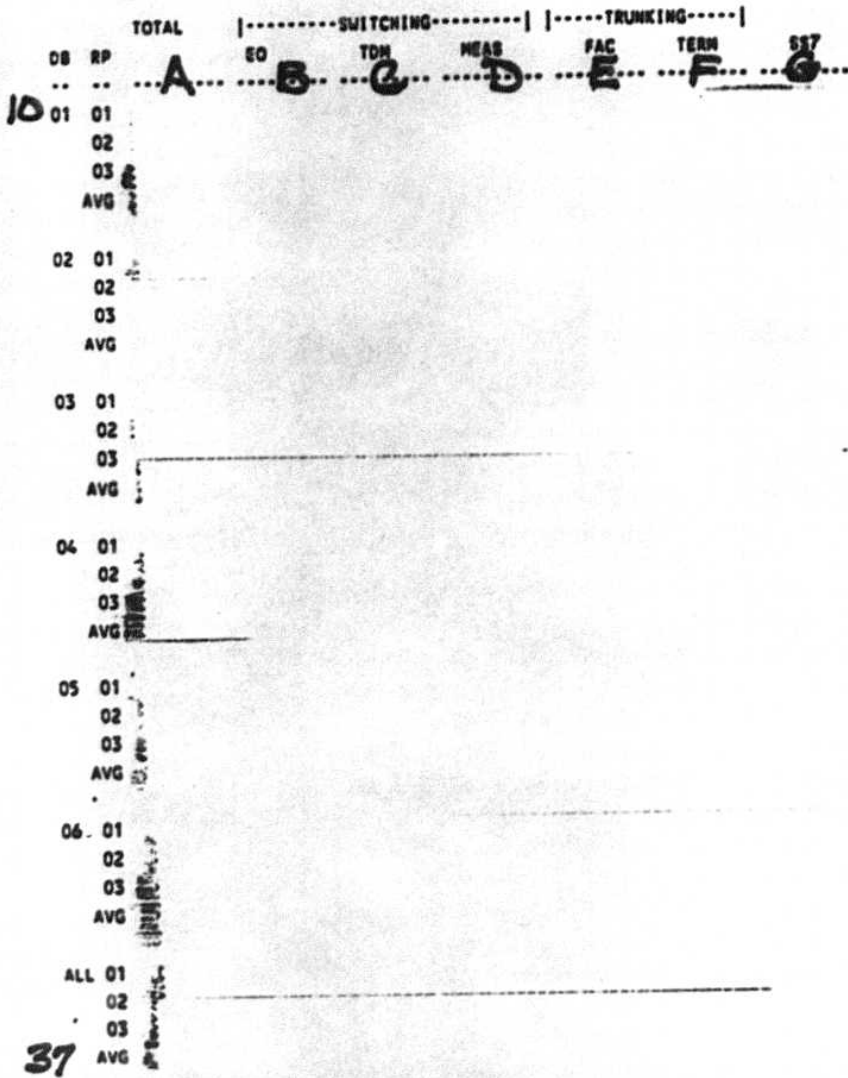
0000093

NETWORK COST ANALYSIS TOOL (NCAT)
 SWITCHED ACCESS (FGB+FGD)

STUDY: FLACCO
 DB : FL
 VER : 3.4
 CALC TYPE: MARGINAL

RUN DATE: 07-FEB-95
 TIME : 17:29:20
 PAGE : 3

TRAFFIC SENSITIVE UNIT COST - DURATION RELATED



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0000094

NETWORK COST ANALYSIS TOOL (NCAT)
SWITCHED ACCESS (FGB+FGD)

STUDY: FLACCD
DB : FL
VER : 3.4
CALC TYPE: MARGINAL

RUN DATE: 07-FEB-95
TIME : 17:29:20
PAGE : 4

UNIT COST SUMMARY

DB	RP	COST/MSG (SETUP)	EXP/MSG	COST/MIN DURATION	COST / FIRST MIN	COST / ADDL MIN	COST/MIN (AVG.)	COST/CALL (AVG.)
		A	B	C	D	E	F	G
10	01							
	02							
	03							
	AVG							
	02							
	02							
	03							
	AVG							
	03							
	01							
	02							
	03							
	AVG							
	04							
	01							
	02							
	03							
	AVG							
	05							
	01							
	02							
	03							
	AVG							
	06							
	01							
	02							
	03							
	AVG							
	ALL							
	01							
	02							
	03							
37	AVG							

** NOTE: EXPENSES PER MESSAGE
39 Billing
Business Office
Operator Services
42 Product Mgmt

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0000095

NETWORK COST ANALYSIS TOOL (NCAT)
SWITCHED ACCESS (FGB+FGD)

STUDY: FLACCD
DB : FL
VER : 3.4
CALC TYPE: MARGINAL

RUN DATE: 07-FEB-95
TIME : 17:29:20
PAGE : 5

INCREMENTAL INVESTMENTS - SETUP

OB	RP	SWITCHING			TRUNKING		
		EQ	TDM	MEAS	FAC	TERM	SS7
08	..	A	B	C	D	E	F
01	01						
	02						
	03						
02	01						
	02						
	03						
03	01						
	02						
	03						
04	01						
	02						
	03						
05	01						
	02						
	03						
06	01						
	02						
	03						

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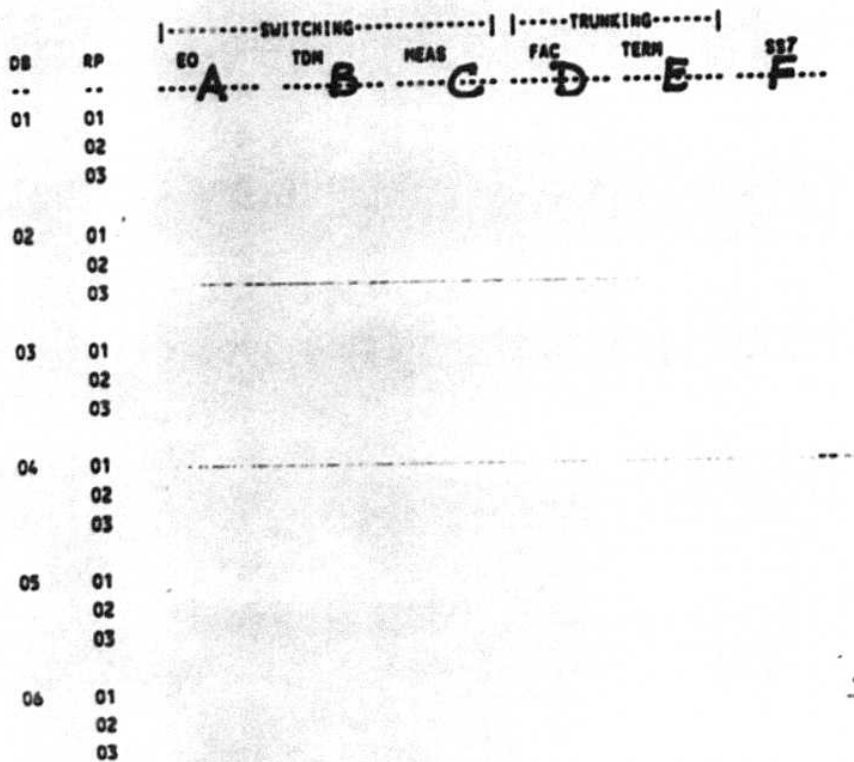
0000096

NETWORK COST ANALYSIS TOOL (NCAT)
 SWITCHED ACCESS (FGB+FGD)

STUDY: FLACCO
 DB : FL
 VER : 3.4
 CALC TYPE: MARGINAL

RUN DATE: 07-FEB-95
 TIME : 17:29:20
 PAGE : 6

INCREMENTAL INVESTMENTS - DURATION



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PLACCT	ANNUAL COST	TPI
10C	0.18550	1.0000
1C	0.25260	1.0000
20C	0.17070	1.0000
22C	0.36690	1.0000
357C	0.34010	1.0000
377C	0.31470	0.9200
3C	0.31270	1.0000
45C	0.35190	1.0000
4C	0.20400	1.0000
57C	1.00000	1.0000
5C	1.00000	1.0000
6C	0.25970	1.0000
811C	0.25260	1.0000
822C	0.24200	1.0000
845C	0.24210	1.0000
84C	0.20400	1.0000
85C	0.24930	1.0000

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0000098

SERVICE: Feature Group 8

RATIO COMPL: 0.725 RATIO ABS-ABD: 1.100 RATIO ABD-ACD: 1.177
BILLING: 0.000000 BUSINESS OFFICE: 0.000000
OPERATOR SERVICES: 0.000000 PRODUCT MGMT: 0.000059

HOURL	MF NCT CCS	SS7 NCT CCS	ADD NCT CCS	GRO MIN	GRO MSG
8	0.000	.179	0.000	1.000	1.000
9	0.000	.179	0.000	1.000	1.000
10	0.000	.179	0.000	1.000	1.000
11	0.000	.179	0.000	1.000	1.000
12	0.000	.179	0.000	1.000	1.000
13	0.000	.179	0.000	1.000	1.000
14	0.000	.179	0.000	1.000	1.000
15	0.000	.179	0.000	1.000	1.000
16	0.000	.179	0.000	1.000	1.000
17	0.000	.179	0.000	1.000	1.000
18	0.000	.179	0.000	1.000	1.000
19	0.000	.179	0.000	1.000	1.000
20	0.000	.179	0.000	1.000	1.000
21	0.000	.179	0.000	1.000	1.000
22	0.000	.179	0.000	1.000	1.000
23	0.000	.179	0.000	1.000	1.000
24	0.000	.179	0.000	1.000	1.000

Number of digits dialed: 7
Number of digits sent per outgoing call: 7
Number of octets required for SS7 links (intra-lata): 125
Number of digits received: 7
Average ringing time per terminating call (in CCS): .156
Is ANI required? N
Average dialing time per digit (CCS): .007
Dial-tone time (CCS): 0.000
Pct of Presubscription: NA

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STUDY: FLACCB DESC:
 TYPE : AX SVC : Feature Group B

*****RUN-TIME PARAMETERS*****

INDICATORS		YEAR
*****		****
RATE CENTER/WIRE CENTER:	W	TE02: 1994
USE REMOTE/HOST V&H COORD:	R	FACILITY TABLE: 1992
LINK BN/ORIG OFC BN:	O	FAC INVESTMENT DATA: 1994
ROUTE:	A	STUDY DATE: 1994
USE EXCEPTION ROUTING TBL:	N	
APPLY INFLATION TO SWITCHING INVESTMENT:	Y	
UMB INV: FAC/TERM OR EO:	F	
OVERRIDE LINK OVERFLOW:	Y	
LINK OVERFLOW FACTOR:	.06	

MINIMUM		MAXIMUM
*****		*****
CCS TO MSG		CCS TO MSG
RATIO TO PROCESS:	0.00	RATIO TO PROCESS: 999.99
TE02 CCS TO PROCESS:	0.0	PT-PT AIR DISTANCE: 1000.0
TE02 MSGS TO PROCESS:	0	

INCREASE		DECREASE
*****		*****
TRKS FOR USG GROWTH:	N	TRKS FOR USG DECREASE: N
INCLUDE NCT:	Y	PERFORM EO SW CALCS: Y
ALLOW DUPE OFCS ON ROUTE:	Y	PERFORM HEAS CALCS: Y
USE REP SW EGPT ONLY:	Y	

AVG TRKING ECCS:	10	STIMULATION RATE:	0.100
HU GRADE OF SERVICE:	0.010		
DF GRADE OF SERVICE:	0.010	# of ADD:	250
TRK UTILIZATION FACTOR:	0.850	AVG/MARGINAL TRKING:	N
LAND PLANT ACCT:	20C	BUILDING PLANT ACCT:	10C

WEIGHTED SWITCH CALCULATIONS: USE W RECORDS

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F10C05Z

0000100

STUDY: FLACCB DESC:
 TYPE : AX SVC : Feature Group B

*****DISTANCE BANDS***** *****RATE PERIODS*****

DB	UPPER	HOUR	RP
--	*****	----	--
01	1.0	08	1
02	8.0	09	1
03	16.0	10	1
04	25.0	11	1
05	50.0	12	1
06	9999.9	13	1
07	9999.9	14	1
08	9999.9	15	1
09	9999.9	16	1
10	9999.9	17	2
11	9999.9	18	2
12	9999.9	19	2
13	9999.9	20	2
14	9999.9	21	2
15	9999.9	22	2
16	9999.9	23	3
17	9999.9	24	3
18	9999.9	25	3
19	9999.9		
20	9999.9		

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0000101

STUDY: FLACCB DESC:
TYPE : AX SVC : Feature Group B

*****STUDY AREAS*****

LATA	ZONE
----	----
ALL	ALL

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F10C05Z

0000102

STUDY: FLACCB DESC:
TYPE : AX SVC : Feature Group B

***** COMMON/DEDICATED SPLIT *****

Trunk Group Definition

	Common	Dedicated
TDM-POT		X
EO-POT		X

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F10C05Z

0000103

STUDY: FLACCB DESC:
TYPE : AX SVC : Feature Group B

***** SCIS DATA *****

Assume All Common Channel Signalling: A

Investment per Octet:

Plant Acct	Link	STP
10C	0.000000	0.000000
1C	.000001	0.000000
20C	0.000000	0.000000
22C	0.000000	0.000000
357C	0.000000	0.000000
377C	0.000000	0.000000
3C	0.000000	0.000000
45C	0.000000	0.000000
4C	0.000000	0.000000
57C	0.000000	0.000000
5C	0.000000	0.000000
6C	0.000000	0.000000
811C	0.000000	0.000000
822C	0.000000	0.000000
845C	0.000000	0.000000
84C	0.000000	0.000000
85C	0.000000	0.000000

***** TRAFFIC USE CODES *****

Use All Traffic Use Codes: Y

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F10C05Z

0000104

STUDY: FLACCB DESC:
TYPE : AX SVC : Feature Group B

***** STUDY SW EQPT *****

***** END OFFICE ***** ***** TANDEM *****

Sw Eqpt	Status	Sw Eqpt	Status
.....
ALL		ALL	

***** STUDY OWNERSHIP CODES *****

***** SWITCHING ***** ***** TRUNKING *****

Owner	Status	Owner	Status
.....
ALL		ALL	

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F10C05Z

0000105

SERVICE: Feature Group D

RATIO COMPL: 0.725 RATIO ABS-ADD: 1.100 RATIO ABS-ACD: 1.177
 BILLING: 0.000000 BUSINESS OFFICE: 0.000000
 OPERATOR SERVICES: 0.000000 PRODUCT MGMT: 0.000059

HR	MF NCT CCS	SS7 NCT CCS	ADD NCT CCS	GRO MIN	GRO MSG
8	0.000	.179	0.000	1.000	1.000
9	0.000	.179	0.000	1.000	1.000
10	0.000	.179	0.000	1.000	1.000
11	0.000	.179	0.000	1.000	1.000
12	0.000	.179	0.000	1.000	1.000
13	0.000	.179	0.000	1.000	1.000
14	0.000	.179	0.000	1.000	1.000
15	0.000	.179	0.000	1.000	1.000
16	0.000	.179	0.000	1.000	1.000
17	0.000	.179	0.000	1.000	1.000
18	0.000	.179	0.000	1.000	1.000
19	0.000	.179	0.000	1.000	1.000
20	0.000	.179	0.000	1.000	1.000
21	0.000	.179	0.000	1.000	1.000
22	0.000	.179	0.000	1.000	1.000
23	0.000	.179	0.000	1.000	1.000
24	0.000	.179	0.000	1.000	1.000

Number of digits dialed: 11
 Number of digits sent per outgoing call: 10
 Number of octets required for SS7 links (intra-lata): 125
 Number of digits received: 7
 Average ringing time per terminating call (in CCS): .156
 Is ANI required? Y
 Average dialing time per digit (CCS): .007
 Dial-tone time (CCS): 0.000
 Pct of Presubscriptions: 1.000

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0000106

STUDY: FLACCD DESC:
 TYPE : AX SVC : Feature Group D

*****RUN-TIME PARAMETERS*****

INDICATORS		YEAR
*****		----
RATE CENTER/WIRE CENTER:	W	TE02: 1996
USE REMOTE/HOST VEH COORD:	R	FACILITY TABLE: 1992
LINK SN/ORIG OFC SN:	O	FAC INVESTMENT DATA: 1996
ROUTE:	A	STUDY DATE: 1996
USE EXCEPTION ROUTING TBL:	N	
APPLY INFLATION TO SWITCHING INVESTMENT:	Y	
UMB INV: FAC/TERM OR EO:	F	
OVERRIDE LINK OVERFLOW:	Y	
LINK OVERFLOW FACTOR:	.06	

MINIMUM		MAXIMUM
*****		*****
CCS TO MSG		CCS TO MSG
RATIO TO PROCESS:	0.00	RATIO TO PROCESS: 999.99
TE02 CCS TO PROCESS:	0.0	PT-PT AIR DISTANCE: 1000.0
TE02 MSGS TO PROCESS:	0	

INCREASE		DECREASE
*****		*****
TRKS FOR USG GROWTH:	N	TRKS FOR USG DECREASE: N
INCLUDE NCT:	Y	PERFORM EO SW CALCS: Y
ALLOW DUPE OFCS ON ROUTE:	Y	PERFORM MEAS CALCS: Y
USE REP SW EQPT ONLY:	Y	

AVG TRKING ECCS:	10	STIMULATION RATE: 0.100
HJ GRADE OF SERVICES:	0.010	
DF GRADE OF SERVICES:	0.010	\$ of ADD: 250
TRK UTILIZATION FACTOR:	0.250	AVG/MARGINAL TRKING: N
LAND PLANT ACCT:	20C	BUILDING PLANT ACCT: 10C

WEIGHTED SWITCH CALCULATIONS: USE W RECORDS

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F10C05Z

0000107

STUDY: FLACCD DESC:
 TYPE : AX SVC : Feature Group D

*****DISTANCE BANDS*****

*****RATE PERIODS*****

DB	UPPER	HOUR	RP
--	-----	----	--
01	1.0	08	1
02	8.0	09	1
03	16.0	10	1
04	25.0	11	1
05	50.0	12	1
06	9999.9	13	1
07	9999.9	14	1
08	9999.9	15	1
09	9999.9	16	1
10	9999.9	17	2
11	9999.9	18	2
12	9999.9	19	2
13	9999.9	20	2
14	9999.9	21	2
15	9999.9	22	2
16	9999.9	23	3
17	9999.9	24	3
18	9999.9	25	3
19	9999.9		
20	9999.9		

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0000108

STUDY: FLACCD DESC:
TYPE : AX SVC : Feature Group 0

*****STUDY AREAS*****

LATA	ZONE
----	----
ALL	ALL

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F10C05Z

0000109

STUDY: FLACCD DESC:
TYPE : AX SVC : Feature Group D

***** COMMON/DEDICATED SPLIT *****

Trunk Group Definition

	Common	Dedicated
TDN-POT		X
EO-POT		X

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F10C05Z

0000110

DB : FL
VER: 3.4

NETWORK COST ANALYSIS TOOL (NCAT) RUN DATE: 14-FEB-95
SYSTEM CONTROL TABLE PAGE : 16

STUDY: FLACCD DESC:
TYPE : AX SVC : Feature Group D

***** SCIS DATA *****

Assume All Common Channel Signalling: A

Investment per Octet:

Plant Acct	Link	STP ...
10C	0.000000	0.000000
1C	.000001	0.000000
20C	0.000000	0.000000
22C	0.000000	0.000000
357C	0.000000	0.000000
377C	0.000000	0.000000
3C	0.000000	0.000000
45C	0.000000	0.000000
4C	0.000000	0.000000
57C	0.000000	0.000000
5C	0.000000	0.000000
6C	0.000000	0.000000
811C	0.000000	0.000000
822C	0.000000	0.000000
849C	0.000000	0.000000
84C	0.000000	0.000000
85C	0.000000	0.000000

***** TRAFFIC USE CODES *****

Use All Traffic Use Codes: Y

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0000111

STUDY: FLACCD DESC:
TYPE : AX SVC : Feature Group 0

***** STUDY SW EQPT *****

***** END OFFICE *****		***** TANDEM *****	
Sw Eqpt	Status	Sw Eqpt	Status
.....
ALL		ALL	

***** STUDY OWNERSHIP CODES *****

***** SWITCHING *****		***** TRUNKING *****	
Owner	Status	Owner	Status
.....
ALL		ALL	

.PRIVATE/PROPRIETARY: Disclosure outside BELLSOUTH by written agreement only.

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