Attachment B

FPSC DOCKET 950984-TP

FPSC STAFF'S 1ST REQUEST FOR DOCUMENTS ITEMS 4 & 5

PUBLIC VERSION

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DOCUMENT NUMBER-DATE
00823 JAN 23 %

Introduction & Overview

Study Objective/Purnose

This study reflects the incremental costs associated with the unbundling of line-side switch terminations. Three main types of terminations have been studied; the unbundled exchange port, the integrated digital loop carrier system termination (concentrated and non-concentrated), and the TR303 system termination.

Service Description

The resource investment calculated in this study identifies the investments associated with terminating a subscriber on the switching system, independent of their usage, i.e. non-traffic sensitive investments.

Cost Methodology

Switching investments represent the consumption of central office equipment required to provide a physical line-side termination on the switch. The subscriber can currently be terminated on the line-side of the switch in two basic ways: as an analog termination or directly integrated digitally via a digital loop carrier (DLC) system. The digital termination can be broken down further into non-TR303 and TR303 types of DLC systems. Different switch components are required based on the type of termination.

The SCIS (Switching Cost Information System) model was used to determine the analog and the non-TR303 DLC termination investments. (SCIS is a Bellcore developed software model which partitions the switch into functional components based on vendor provided engineering rules and user entered characteristics.) BellSouth Network provided the discounted material price of a TR303 system and the capacity of the equipment. This information was used to determine the resources required to terminate a DLC system.

The switch investments were augmented to include BellSouth labor, inflation trends, and sales tax. Annual cost factors (developed by the Fundamental Cost group) were then applied against this adjusted investment to determine the capital and operating costs associated with the investment.

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Integrated DLC Nontraffic Sensitive Termination Nonconcentrated (Mode 1) Concentrated (Mode 2)

TR303 Nontraffic Sensitive Termination Nonconcentrated (Mode 1) Concentrated (Mode 2)

Source: ACE Report 20.

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HEAC INVESTMENT DETAILS

Study Number: 95-076

Study Name: Unbundled Terminations Tariff Element: Unbundled Exchange Port

per Line

State Tariff Ref

Modifier

Vol. Sens. Economic Type Investment Basis

ROOKED INVESTMENTS: PRIMARY INVESTMENT DATA INVESTMENT LOADING FACTORS SUPPORT STRUCTURE LOADINGS Capital InPlant InPlant CB&P Loading Loading Field Operating Capital Field Investment Investment Investment Investment Date Factor Factor Type Pactor Pactor Type 1.0962 377C Unbundled Exchange Port 10/24/95 1.0120 1.1236 T 377C - Support Loading ----> 10/24/95 .0404 switch bldg 10C 10/24/95 377C - Support Loading ---->

ADJUSTED TOTAL INVESTMENT:

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NOTES: 1. The BOOKED INVESTMENT for PRIMARY INVESTMENTS is calculated by multiplying the PRIMARY INVESTMENT by the applicable INVESTMENT LOADING FACTORS.

MOTICE: MOT FOR USE OR DISCLOSURE OUTSIDE BELLSOUTH WITHOUT WRITTEN AGREEMENT.

^{2.} The BOOKED INVESTIGAT for SUPPORT STRUCTURE LOADINGS is calculated by multiplying the applicable Loading Factor by the sum of INVESTMENTS for each primary Field Code.

^{3.} InPlant Factor types: T - Telco, C - Material Composite, H - Material Mardwire, P - Material Plugin

^{4.} The FC factor is the levelised inflation factor for investments.

· ACE REPORT 20 Page I 10/25/95

USOC AMMUAL COST DETAILS Study Number: 95-076

Study Name: Unbundled Terminations Tariff Element: Unbundled Exchange Port

per Line

TOTAL AMERIAL COSTS

State Tariff Ref USOC ***

Modifier

Technology Meld

Volume Sensitivity Economic Type Investment Basis

Line

-			INVESTIGENT	P DATA				ANOTUAL	COST P.	ACTORS					AME	AL EXPENS	ies	
	Field Code	St PL	Capital Investment	Operating Investment	•	-	Pactor	Inc Tax Pactor	Factor	Pactor		Factor	Depr.	C.O.M. Expense	Inc Tax Expense	Expense	Admin Expense	 GRT Expense
12	20C 377C	71.			=	0.0000		.0514 .0302		0.0000 .0461	.0113		Š					
14	sues /S			ED TOTAL INC	PTS:	Depreciat		pense		1								
1880	17	•	ANNUAL	OPERATING (EXPRMSES:	Income To Maintenar Administr	nce Exp	ense Expense									•	
7 1 1	22	0 1 2_		Receipts Tax MOSNAL COST	K.	Ad Valore	em and (Other Ta			:	TOTAL	. MONTHLY	COST:				

1000000

MOTES: 1. Capital and Operating Investments are the BOOKED INVESTMENTS from ACE Report 10.

- 2. Depreciation, Cost of Money, and Income Tax Expenses Capital Investment multiplied by the corresponding Annual Cost Factor.
- 3. Haintenance, Administrative, and Ad Valorem Expenses Operating Investment multiplied by the corresponding Annual Cost Factor.
- 4. Gross Receipts Tax Gross Receipts Tax Factor multiplied by the sum of Capital Costs and Operating Expenses. MOTICE: NOT FOR USE OR DISCLOSURE OUTSIDE BELLSOUTH WITHOUT WRITTEN AGREEMENT.

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USOC INVESTMENT DETAILS

Study Number: 95-076

Study Name: Unbundled Terminations

Tariff Element: Node 1 Termination (Monconcentrated)

per System

State Tariff Ref

Modifi

Modifier

Technology

Vol. Sens. |

ns. Economic Type Investment Basis

System

SUPPORT STRUCTURE LOADINGS INVESTMENT LOADING PACTORS PRIMARY INVESTIGATE DATA Loading Loading Field Capital Capital Operating InPlant InPlant CEAP Investment Investment Date Pactor Pactor Factor Factor Type 10/24/95 1.1202 Hode 1 Termination 10/24/95 circuit_bldg 10C 357C - Support Loading ----> 357C - Support Loading ----> 10/24/95 circuit land 10/24/95 1.0120 1.1236 T 1.0962 _377C Hode 1 Termination 10/24/95 switch_bldg - Support Loading ----> 10/24/95 .0030 switch land ~ Support Loading ----> ADJUSTED TOTAL INVESTMENT:

0000005

NOTES: 1. The BOOKED INVESTMENT for PRIMARY INVESTMENTS is calculated by multiplying the PRIMARY INVESTMENT by the applicable INVESTMENT LOADING PACTORS.

- 2. The BOOKED INVESTMENT for SUPPORT STRUCTURE LOADINGS is calculated by multiplying the applicable Loading Factor by the sum of INVESTMENTS for each primary Field Code.
- 3. InPlant Factor types: T = Telco, C = Material Composite, H = Material Hardwire, P = Material Plugin
- 4. The PC factor is the levelized inflation factor for investments.

MOTICE: NOT FOR USE OR DISCLOSURE OUTSIDE BELLSOUTH MITHOUT MRITTEM AGREEMENT.

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USOC AMBUAL COST DETAILS

Study Number: 95-076

Study Home: Unbundled Terminations

Tariff Element: Node 1 Termination (Monconcentrated)

per System

State Tariff Ref

Modifier

Technology Volume Sensitivity Economic Type Investment Basis

		Investment					TRITIONE	COST F	ACTORS					ARMU	al expens	28 		
Field		Capital	Operating			C.O.N.	Inc Tax	Htce.	Admin	AdVal	GRT	Depr.	C.O.H.	Inc Tax	Httce.	Admin	Adval	GRT
Code	St	Investment	Investment	Date	Factor	Factor	Factor	Factor	Factor	Pactor	Factor	Expense	Expense	Expense	Expense	Expense	Expense	Exbet
10C	PL.			•	.0302	. 0986	.0452	.0069	0.0000	.0113	.0152							
20C	PL				0.0000	.1118	.0514	0.0000	0.0000	.0113	.0152							
357C	PL				.1134	.0638	.0297	.0086	.0461	.0113	.0152							
377C	PL :	≽			.1134	.0651	.0302	.0282	.0461	.0113	.0152							
SUMAR	¥:	ADJUSTE	D TOTAL INV	estment														
7 16		AMKIAL	CAPITAL COS		Deprecia		Dense	4										
- 17					Cost of I	loney												
o 18	,	•			Income To	ax Expe	nse											
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20)	•	_		Administ	ration	Expense											
- 20 - 21		•			Ad Valor	em and	Other Ta	X4S										
ı g	2	Gross H	eceipts Tax	}														
2:	2	TOTAL A	MATURAL COSTS								TOTAL	L HOWTHLY	COST:					

- HOTES: 1. Capital and Operating Investments are the BOOKED INVESTMENTS from ACE Report 10.
 - 2. Depreciation, Cost of Money, and Income Tax Expenses Capital Investment multiplied by the corresponding Annual Cost Factor.
 - 3. Maintenance, Administrative, and Ad Valorem Expenses Operating Investment multiplied by the corresponding Annual Cost Factor.
 - 4. Gross Receipts Tax Gross Receipts Tax Factor multiplied by the sum of Capital Costs and Operating Expenses. MOTICE: MOT POR USE OR DISCLOSURE OUTSIDE BELLSOUTH WITHOUT WRITTEN AGREEMENT.

USOC INVESTMENT DETAILS

Study Number: 95-076

Study Name: Unbundled Terminations

Tariff Element: Mode 2 Termination (Concentrated)

per System

State Tariff Ref

Modifier

Vol. Sens. Economic Type Investment Basis

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System

			PRIMARY INVE	STREET DATA			INV	ESTMENT L	DADING FA	CTORS	SUPPORT	STRUCTURE LOAD	INGS	BOOKED I	NVESTMENT:
		Field Code	Description	Capital Investment	Operating Investment	Date	PC Factor		InPlant Type	CEAP Factor	Loading Pactor	Loading Type	Field Code	Capital Investment	Operating
			Mode 2 Termination			10/24/95		1.0896		1.1202					
	12	357C	- Support Loading>	0		10/24/95	.,,,,,,	4.0070	•			circuit_bldg	10C		
	_	377C	- Support Loading> Hode 2 Termination			10/24/95	1.0120	1.1236	T	1.0962	.0030	circuit_land	20C	į	
15 K			- Support Loading>			10/24/95 10/24/95	-		•		.0404 .0030	<pre>switch_bldg switch_land</pre>	10C `	•	
	င္သ										ADJUS	TED TOTAL INVES	THENT:		

⁻ HOTES: 1. The BOOKED INVESTMENT for PRIMARY INVESTMENTS is calculated by multiplying the PRIMARY INVESTMENT by the applicable INVESTMENT LOADING FACTORS.

^{2.} The BOOKED INVESTMENT for SUPPORT STRUCTURE LOADINGS is calculated by multiplying the applicable Loading Factor by the sum of INVESTMENTS for each primary Field Code.

^{1.} InPlant Factor types: T - Telco, C - Material Composite, H - Material Hardwire, P - Material Plugin

^{4.} The PC factor is the levelised inflation factor for investments.

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USOC AMBIAL COST DETAILS

Study Number: 95-076

Study Name: Unbundled Terminations

-Tariff Element: Mode 2 Termination (Concentrated)

per System

State Tariff Ref

Modifier 000

Meld

Volume Sensitivity Economic Type Investment Basis

System

			INVESTMENT	DATA				AMBRIAL	COST P	ACTORS			******		AMMU	AL EXPENS	28 .		•••••
	Pield		Capital	Operating		Depr.	C.O.M.	Inc Tax	Htte.	Admin	AdVal	GRT	Depr.	C.O.M.	Inc Tax	Mtce.	Admin	Adval	GRT
	Code	St	Investment	Investment	Date	Factor	Pactor	Pactor	Pactor	Pactor	Factor	Factor	Expense	Expense	Expense	Expense	Expense	Expense	Expense
	••••	• • • • •	-																
11	10C	FL			•	.0302	. 0986	.0452	.0069	0.0000	.0113	.0152							
12	20C	TL				0.0000	.1118	.0514	0.0000	0.0000	.0113	.0152							
13	357C	PL				,1134	.0638	.0297	.0086	.0461	.0113	.0152	**.						7
14	377C	PL	:			.1134	.0651	.0302	.0282	.0461	.0113	.0152	1						ŧ
•								••••					-						•
15	SUMMA	RY:	ADJUSTE	D TOTAL INVE	STHENT		•												
	16		AMMUAL	CAPITAL COST	S: 1	Depreciat	tion Bq	pense			٠								
ш	17					Cost of I	loney												
	18	•				Income To	аж Ежреі	180											
ထ	19		MORIAL	OPERATING EX	PENSES:	Maintena	nce Exp	ense				•							
$\mathbf{\varpi}$	ρì		•		•	Administ	ration 1	Digense											
0	2	_				Ad Valor	em and	Other Ta	Xes										
		2	Gross S	leceipts Tax															
7		13	TOTAL A	NEGAL COSTS								TOTAL	L HONTKLY	COST:					

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MOTES: 1. Capital and Operating Investments are the BOOKED INVESTMENTS from ACE Report 10.

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- 3. Maintenance, Administrative, and Ad Velorem Expenses Operating Investment multiplied by the corresponding Annual Cost Factor.
- 4. Gross Receipts Tax Gross Receipts Tax Factor multiplied by the sum of Capital Costs and Operating Expenses. MOTICE: NOT FOR USE OR DISCLOSURE OUTSIDE BELLSOUTH WITHOUT WRITTEN AGREEMENT.

. USOC INVESTMENT DETAILS

Study Number: 95-076

Study Hame: Unbundled Terminations

Tariff Element: TR303 Hode 1 Termination (Monconcentrated)

State Tariff Ref

Modifier

Held

Vol. Sens. Economic Type Investment Basis

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System

	PRIMARY IMVEST	MENT DATA		IMA	esticiet l	OADING PA	CTORS	SUPPORT	STRUCTURE LOAD	INGS	BOOKED I	NVESTMENT.
Field Code	Description	Capital Investment	Operating Investment Date	PC Factor	InPlant Factor	InFlant Type	CBAP Factor	Loading Factor	Loading Type	Field Code	Capital Investment	Operating Investment
12 357C 13 357C	TR303 Mode 1 - Support Loading> - Support Loading>	<u>-::-</u> 2,	0/24/95 10/24/95 10/24/95		1.0896	•	1.1202	.0404	circuit_bldg	10C 20C		
15 -017C	TR103 Hode 1 - Support Loading> - Support Loading>		\$ 10/24/95 10/24/95 10/24/95	1.0120	1.1236		1.0962	.0404 .0030	switch_bldg switch_land	19C 20C		

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NOTES: 1. The BOOKED INVESTMENT for PRIMARY INVESTMENTS is calculated by multiplying the PRIMARY INVESTMENT by the applicable investment LOADING FACTORS.

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^{3.} InPlant Factor types: T = Telco, C = Material Composite, H = Material Hardwire, P = Material Plugin

^{4.} The FC factor is the levelized inflation factor for investments.

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USOC ANDRIAL COST DETAILS

Study Number: 95-076

Study Name: Unbundled Terminations

Tariff Element: TR303 Node 1 Termination (Nonconcentrated)

per System

State Tariff Ref USOC Modifier

Technology Neld

Volume Sensitivity Economic Type Investment Basis

				INVESTMENT	DATA	•			MOTUAL	COST F	ACTORS					AME	al Expens	es		
11 12 13	Pie Cod	le :	St FL FL FL	Capital Investment	Operating Investment	Date	-	Pactor	.0514	Pactor .0069	Pactor 0.0000 0.0000	.0113	.0152		C.O.N. Expense	Inc Tax Expense	Htce. Expense	Admin Expense	Adval Expense	GRT Expense
14	377		rl	*******			.1134		.0302	.0282	.0461	.0113	.0152	₹						
/5	SUP	OUR!	f s	ADJUSTE	D TOTAL INV	STATE OF				ĩ										
-	η	16		ANNUAL	CAPITAL COS	TS:	Depreciat	ion Ex	pense	1										
		78922	U	AMNIAL	OPERATING E	ipenses:	Cost of D Income To Maintenar Administs Ad Valore	nce Exper ration	ense Expense	xes										
L	7	2	12	Gross R	eceipts Tax															
		2		TOTAL A	ADEIAL COSTS								TOTAL	MONTHLY	COST:					

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MOTES: 1. Capital and Operating Investments are the BOOKED INVESTMENTS from ACE Report 10.

2. Depreciation, Cost of Money, and Income Tax Expenses - Capital Investment multiplied by the corresponding Annual Cost Factor.

3. Haintenance, Administrative, and Ad Valorem Expenses - Operating Investment multiplied by the corresponding Annual Cost Factor.

4. Gross Receipts Tax - Gross Receipts Tax Factor multiplied by the sum of Capital Costs and Operating Expenses.

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USOC INVESTMENT DETAILS

Study Number: 95-076

Study Name: Unbundled Terminations

Tariff Element: TR303 Mode 2 Termination (Concentrated)

USOC

per System

State Tariff Ref

Modifier

Vol. Sens. Economic Type Investment Basis

System

			PRIMARY INVEST	DEDIT DATA			INV	esnavit l	OADING PA	CTORS	SUPPORT	STRUCTURE LOAD) INGS	BOOKED I	NVESTMENTS	
		Field Code	Description	Capital Investment	Operating Investment	Date	PC Pactor	InPlant Factor	InPlant Type		Loading Factor	Loading Type	Field Code	Capital Investment	Operating Investment	
						210/24/95	• • • • • • • • • • • • • • • • • • •	1.0896		1.1202				<u></u> :		
•	112	357C 357C	TR103 Node 2 - Support Loading>			10/24/95	.3700	1.0030	•	4.1508	.0404	circuit_bldg	100			
	13		- Support Loading>			10/24/95					.0030	circuit_land	200	,		
:	14	377C	TR303 Hode 2			10/24/95	1.0120	1.1236	T	1.0962		•				
- 1	ىبىد	377C	- Support Loading>			10/24/95					.0404	switch_bldg	10C			ļ
	ر ان	377C	- Support Loading>	+-+	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10/24/95					.0030	switch_land	20C	•		
	7															

ADJUSTED TOTAL INVESTMENT:

NOTES: 1. The BOOKED INVESTMENT for PRIMARY INVESTMENTS is calculated by multiplying the PRIMARY INVESTMENT by the applicable INVESTMENT LOADING PACTORS.

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^{4.} The FC factor is the levelised inflation factor for investments.

USOC AMBUAL COST DETAILS

Study Number: 95-076

Study Name: Unbundled Terminations

Tariff Element: TR303 Mode 2 Termination (Concentrated)

per System

State Tariff Ref USOC Modifier

Technology Volume Sensitivity Economic Type Investment Basis

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11	2	10C 20C	7	L					0.0000	,1118 ,0638	,0297	0.0000		.0113	.0152 .0152	-						
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			2	.3			Receipts T NAMEAL COS								101	PAL HONTHI	Y COST:					

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HOTES: 1. Capital and Operating Investments are the BOOKED INVESTMENTS from ACE Report 10.

- 2. Depreciation, Cost of Money, and Income Tax Expenses Capital Investment multiplied by the corresponding Annual Cost Factor. 3. Maintenance, Administrative, and Ad Valorem Expenses - Operating Investment multiplied by the corresponding Annual Cost Factor.
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Unbundled Terminations Unbundled Exchange Port

Workpaper: Investment Date: 1 Page: 1 of 1 10/25/95

J:\UNBTERM.WK3 Description	Source	Amount
Unbundled Exchange Port	3.33	
Model Office Data	Regional Model Office, SCIS/MO Version 7.2	
5ESS		
MDF and Protector Investment per Line		
NTS Switching per Line		
Excess Capacity Investment		
Total	LN6+LN7+LN8	
DMS		
MDF and Protector Investment per Line		
NTS Switching per Line		
Excess Capacity Investment	1 142 . 1 1 144 . 1 1 1 1 E	
Total	LN13+LN14+LN15	
L		
Meid Percentages 5ESS	NALs [
5ESS		
DMS		•
Noted and Investments	,	
Melded Investments Capacity	LN9*LN19+LN16*LN20	
Capacity	240 24101 2410 2420	
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Workpaper: Investment Date: 1 Page: 1 of 1 10/24/95

:\UNBTERM.WIG	Source	Amount
ntegrated Digital Carrier Calculations		
HEALTH PARTY AND AND AND ASSESSMENT OF THE PERSONS ASSESSMENT ASSESSMENT ASSESSMENT OF THE PERSONS ASSESSMENT ASSESSMENT ASSESSMENT ASSESSMENT ASSES		
Model Office Data	Regional Model Office, SCIS/MO Version 7.2	
Mode 1		
SESS		•
MDF and Protector Investment per Line		
VTS Switching per Line		
excess Capacity Investment		
Total	LN6+LN7+LN8	
	·	
DMS		
MDF and Protector Investment per Line		
NTS Switching per Line		
Excess Capacity Investment		
Total	LN13+LN14+LN15	
Mode 1 Investments per System		
SESS	LN10*96	
OMS .	LN17*96	
Melded	.69*LN19+.31*LN20 (Based on NALs)	
Mode 2		
<u>5E\$\$</u>	,	
MDF and Protector investment per Line		
NTS Switching per Line		
Excess Capacity Investment		_
	NIOR - 1 NIOT - 1 NIOR	
Total	LN26+LN27+LN28	
DMS		N/A
MDF and Protector Investment per Line		NA
NTS Switching per Line		N/A
Excess Capacity Investment		. 4. 4
Total	•	N/A
100		.4.1
Mode 2 Investments per System		
MODE 2 Investments per System 5ESS	LN30*96	
DMS		N/A
DCU Termination per System - Small		
Investment per IDCU (Includes LTP)	NCG	
Capacity of IDCU (T1s)	NCG	
T1s per System - Mode 1	NCG	
(1s per System - Mode 2		
Investment per Mode 1 System	LN45/LN46*LN47	
investment per Mode 2 System	LN45/LN46*LN48	
Minager and has uness a glamm		1
	·	_
1/2 DSX (357C)		
Investment (1994 Level)	Fundamental Cost Group	-
TPI - 1994 to 1995 Level	Fundamental Cost Group	
1995 Level Investment	LN54*LN55	
1/2 DSX Investment per Mode 1 System	LN56*5	į
1/2 DSX Investment per Mode 2 System	LN56*3	

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Unbundled Exchange Access Loop

Table of Contents

Workpaper	Description
1)	Cost Study Results
2)	Description of Procedures
3)	Voice Grade Local Channel Unbundled Exchange Access Loop Nonrecurring Cost
4)	Interoffice Channel Voice Unbundled Exchange Access Recurring Cost
5)	Interoffice Channel Voice Unbundled Exchange Access Nonrecurring Cost
6)	High Capacity Local Channel and Interoffice Channel Digital Loop Carrier Recurring and Nonrecurring Cost
7)	High Capacity Unbundled Loop Channelization System Recurring Cost
8)	High Capacity Central Office Channel Interface Recurring Cost
9)	High Capacity Unbundled Loop Channel System and Central Office Channel Interface Nonrecurring Cost
Attached Binder	Voice Grade Local Channel Unbundled Exchange Access Loop Recurring Cost

Unbundled Exchange Access Loop Cost Study Results

Workpaper 1 Page 1 of 2

Monthly Cost

Nonrecurring Cost First Add'l

E.7.5.3 Voice Grade Service

A. Local Channel - Voice Grade Unbundled Exchange Access Loop

- (a) Two-wire Exchange
- B. Interoffice Channel Voice Unbundled Exchange Access Mileage Bands 1 and above
 - (a) Fixed
 - (b) Per Mile

E.7.5.6 High Capacity Service

- A. Local Channel per Point of
 Termination
 Digital Loop Carrier 1.544 Mbps
- B. Interoffice Channel Mileage Bands Digital Loop Carrier 1.544 Mbps
 - (a) 0 miles
 Fixed
 Per Mile
 - (b) 1 thru 8 miles Fixed Per Mile
 - (c) 9 thru 25 miles Fixed Per Mile
 - (d) Over 25 miles Fixed Per Mile



Unbundled Exchange Access Loop Cost Study Results

Workpaper 1 Page 2 of 2

Monthly Cost Nonrecurring Cost First Add'l

- C. Optional Features and Functions
 Channelization
 - (a) Unbundled Loop
 Channelization System
 (DS1 to Voice Grade)

Central Office Channel
Interface (Unbundled Loop
Channelization System)

- Channelization System)
 (a) Voice (Unbundled Exchange Access)
- (b) Voice Other

Unbundled Exchange Access Loop

Workpaper 2 State Florida Page 1 of 1 Date October 1995

Description of Procedures

Monthly Cost Development

Monthly costs are the continuing costs associated with the capital investment necessary to provide the service. Telco inplant installation factors are applied to the material costs to develop the installed investment. Miscellaneous common equipment and power, as well as land and building loading factors are applied to the installed investment, when appropriate, to determine total incremental investment by plant account. Levelizing factors are applied to the investment to account for inflation during the three-year study period.

Account-specific annual cost factors are used to convert the levelized investments into annual costs. The annual cost factors include both capital costs and operating expenses associated with the type of investment being converted. Capital costs include depreciation, income taxes, and the cost of money. Operating expenses include maintenance, administrative expense, and ad valorem and other taxes. After the investments have been converted into annual costs, they are divided by 12 to arrive at monthly costs.

Nonrecurring Cost Development

Nonrecurring costs are one-time costs incurred as a result of provisioning, changing, installing, and disconnecting the service. The work function times, identified by subject matter experts are used to describe the flow of work within the various work centers involved. Installation and provisioning costs are developed by multiplying the worktime for each work function by the directly assigned labor rate for the work group performing the function. However, a disconnect factor associated with the projected service life is applied to the disconnect cost. The disconnect factor inflates the labor cost to the period of the future disconnect, discounts these costs to the present since the money is received up-front, and adjusts for the income tax effect due to the difference in time between the receipt of money and the disconnection expense. The disconnect cost is added to the installation cost to develop the total nonrecurring cost.

LORIDA
INBUNDLED EXCHANGE ACCESS LOOP
VONRECURRING COST SUMMARY

VOICE GRADE SERVICE LOCAL CHANNEL - VOICE GRADE UNBUNDLED EXCHANGE ACCESS LOOP TWO-WIRE EXCHANGE

DISCOUNTED DISCONNECT FACTOR
GROSS RECEIPTS TAX FACTOR

87.00% 0.0152

LEVEL 1996 LABOR RATES APPLIED

			4.5.6			COST	COST	COST	COST	COST	COST	COST	COST	
•	INSTALL FIRST	RKTII INSTALL ADDTL		REMOVE ADDTL	LABOR RATE	INSTALL FIRST	INSTALL ADDTL	REMOVE FIRST	REMOVE ADDTL	DISCNT REMOVE FIRST	DISCNT REMOVE ADDTL	TOTAL FIRST	TOTAL ADDTL	
ICSC (SVC ORD CONTROL)														10
COMPTRL CLERK(BILLING)								80						11
FACS(LOOP ASGNT)														12
CPC (DESIGN)											· ••••			13
NTEC(CO ADMIN)	. •													14
NTEL(CO ACTION)														15
IMC(SSIM ADMIN)												- -		16
SSIM (TRAVEL, CONN, TEST)														17
LOCAL CHANNEL														18

Page 1 Of 1

BELLSOUTH TELECOMMUNICATIONS, INC.

RECURRING UNIT COST DEVELOPMENT . RATE ELEMENT SPECIFIC COSTS 8 Florida SERVICE: Special Access RATE ELEMENT: Voice Grade Service Interoffice 12 / 15 CON 12.96% INVESTMENT RELATED UNIT CAPITAL COSTS Depreciation Expense Cost of Money Income Tex Expense Total (LN27+LN28+LN29). INVESTMENT RELATED UNIT OPERATING COSTS Maintenance Expense Ad Valorem and Other Taxes Administrative Expense Total (LN34+LN35+LN36)..... TOTAL INVESTMENT RELATED UNIT COSTS (LN30+LN37+LN40)...... S HON-INVESTMENT RELATED UNIT COSTS..... TOTAL UNIT ANNUAL COSTS (LN43+LN46)..... TOTAL UNIT MONTHLY COSTS (LM49/12)......

State: Florida
Service: Special Access
C is: Directly Assigned

1/25/94 Date:

Investment Calculations

Study	Item	Investment	Probability	Investment
	Service Interoffice Channel - F: Code - 10C	ixed		
	BUILDING	\$	1.00	\$
	Total Investment 10C	·		\$
Account	Code - 20C	\$	1.00	s
	Total Investment 20C	·		\$ \$
· Account	Code - 357C TOT CO EQUIP	\$	1.00	s
•	Total Investment 357C	•		\$

BELLSOUTH TELECOMMUNICATIONS. INC.

RECURRING UNIT COST DEVELOPMENT -RATE ELEMENT SPECIFIC COSTS

INVESTMENT RELATED UNIT CAPITAL COSTS

INVESTMENT RELATED UNIT OPERATING COSTS

TOTAL UNIT ANNUAL COSTS (LN43-LN46).....

TOTAL UNIT MONTHLY COSTS (LN49/12).....

Depreciation Expense

Income Tax Expense

Maintenance Expense

Total (LN27+LN28+LN29)....

Ad Valorem and Other Taxes

Administrative Expense

Cost of Money

15 CON 12.96%

SERVICE: Special Access RATE ELEMENT: Voice Grade Service Interoffice Total (LN34+LN35+LN36)..... TOTAL INVESTMENT RELATED UNIT COSTS (LN30+LN37+LN40)...... NON-INVESTMENT RELATED UNIT COSTS.....

FISBOIZ

State: Florida

Service: Special Access
Costs: Directly Assigned

Date: 1/25/94

Investment	Calculations
エッ・・ クラ たがらいた	

Study	Item	Investment	Probability	Total Investment	
oice Grade Servi	ce Interoffice Channel -	Per Mile			
Account Code -	BUILDING Investment 10C	\$	1.00	\$ \$	
Account Code -					
	LAND Investment 20C	\$	1.00	\$ \$	
Account.Code -	357C TOT CO EQUIP	S	1.00	s	
Total	Investment 357C	•		\$	
Account Code -	POLES	\$	1.00	\$ \$	
	Investment 811C		•		
Account Code -	AERIAL FIBER CABLE Investment 822C	\$	1.00	\$ \$	
\ccount Code -					
	BURIED FIBER CABLE Investment 845C	\$	1.00	\$ \$	
Account Code -	- 84C CONDUIT	\$	1.00	\$	
Total	Investment 84C	•		\$	
Account Code -	- 85C UG FIBER CABLE	\$	1.00	ş ş	
Total	Investment 85C			7	

ORIDA
NBUNDLED EXCHANGE ACCESS
ONRECURRING COST SUMMARY

VOICE GRADE SERVICE INTEROFFICE CHANNEL-VOICE UNBUNDLED EXCHANGE ACCESS MILEAGE BANDS 1 AND ABOVE (a) FIXED

DISCOUNTED DISCONNECT FACTOR
GROSS RECEIPTS TAX FACTOR
CPC DESIGN TOTAL FIRST COST INCLUDES PICS COST
LEVEL 1995 LABOR RATES APPLIED

L

87.00% 0.0157

	wο	RKTII	MES			COST	COST	COST	COST	COST	COST	COST	COST	•
·	INSTALL FIRST			REMOVE ADDTL	LABOR RATE	INSTALL FIRST	INSTALL ADDTL	REMOVE FIRST	REMOVE ADDTL			TOTAL FIRST	TOTAL ADDTL	
SC (SVC ORD CONTROL)	*****						<u> </u>							10
US MKTG(IMPLEMENTATION)														H
OMPTRL CLERK(BILLING)														72
3C(FAC ASGNT)														13
ACS(LOOP ASGNT)													÷	14
PC (DESIGN)														15
ITEC(CO ADMIN)														14
ITEL(CO ACTION)														17
MC(SSIM ADMIN)														18
SSIM (TRAVEL, CONN, TEST)														19
NTEROFFICE CHANNEL														20

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1 2 3 4 5 6 7 8 9 10 11 12 13	<u>uso(</u>
14 15 16 17 18 19 20 21 22 23 24 25 26 27	
28 29 30 31 32 33 34 35 36 37 38 40	
41 42 43 44 45 46 47 48 49 50 51 52 53	
54 55 56 57 58 59 60 61 62 63 64 65	

66 67 68 HIGH CAPACITY SERVICE UNBUNDLED EXCHANGE ACCESS LOOP STATE: FLORIDA PAGE: 1 OF 8 DATE: Oct-95

(1995-1997 Level Incremental Costs at 12.5% Cost of Money)										
RATE ELEMENT - LOCAL CHANNEL - PER POINT OF TERMINATION - DIGITAL LOOP CARRIER 1.544 Mbps	DESCRIPTION Monthly Cost Nonrecurring — First Nonrecurring — Addit									
- INTEROFFICE CHANNEL, - MILEAGE BANDS - DIGITAL LOOP CARRIER 1.544 Mbps - 1 THRU 8 MILES, FIXED	Monthly Cost Nonrecurring - First Nonrecurring - Addit									
- INTEROFFICE CHANNEL, - MILEAGE BANDS - DIGITAL LOOP CARRIER 1.544 Mbps - 1 THRU 8 MILES, PER MILE	Monthly Cost Nonrecurring — First Nonrecurring — Addit									
 INTEROFFICE CHANNEL, MILEAGE BANDS DIGITAL LOOP CARRIER 1.544 Mbps 9 THRU 25 MILES, FIXED 	Monthly Cost Nonrecurring - First Nonrecurring - Addit									
INTEROFFICE CHANNEL, MILEAGE BANDS DIGITAL LOOP CARRIER 1.544 Mbps 9 THRU 25 MILES, PER MILE	Monthly Cost Nonrecurring — First Nonrecurring — Addit									
- INTEROFFICE CHANNEL MILEAGE BANDS - DIGITAL LOOP CARRIER 1 544 Mbps - OVER 25 MILES, FIXED	Monthly Cost Nonrecurring - First Nonrecurring - Addit									
- INTEROFFICE CHANNEL, - MILEAGE BANDS - DIGITAL LOOP CARRIER 1.544 Mbps - OVER 25 MILES, PER MILE	Monthly Cost Nonrecurring — First Nonrecurring — Addit									

LEVEUZED COSTS

Florida High Capacity Local Channel Digital Loop Carrier Recurring Cost Summary

- 7 DS-1 Weighted Monthly Cost
- $\mathcal S$ Performance/Monitoring Equipment Monthly Cost
- 6 Total Monthly Cost

5

TOTAL INTRASTATE WEIGHTED MONTHLY COST

	HITMANATES CONTROL				*	
		COUNT	PERCENTAGE	MONTHLY COST	WEIGHTED MONTHLY COST	
9011	SAL AG					
11	TOTALS		•			
		·				
1314516	:	TOTAL SAL WEIG	OHTED MONTHLY FIXE OHTED COST PER HAL RAGE LOOP LENGTH (I	F ROUTE MILE		
		MONTHLY FIXED COST BY DESIGN	COST PER HALF ROUTE MILE	PROBABILITY OF OCCURRENCE	WEIGHTED MONTHLY FIXED COST	WEIGHTED COST PER HALF ROUTE MILE
27777	OESIGN #1 DESIGN #2 DESIGN #8 DESIGN #4 DESIGN #6			0.50 - 0.10 0.06 0.06 0.30		
26	TOTALS					
28 29 30 31	•	TOTAL AC WEIG	HTED MONTHLY FIXE HTED COST PER HALF VAGE LOOP LENGTH (F	ROUTE MILE		· .
	AGE CONTRACTOR OF THE SECOND		·			
		MONTHLY FIXED COST BY DESIGN	COST PER HALF ROUTE MILE	PROSASILITY OF OCCURRENCE	WEIGHTED MONTHLY FIXED COST	WEIGHTED COST PER HALF ROUTE MILE
333890	DESIGN #9 DESIGN #8 DESIGN #8 DESIGN #6 DESIGN #6			0.10 0.75 0.00 0.00 0.15		
41	TOTALS			•		

FUNDAMENTAL INTRASTATE DS1 LOCAL CHANNEL - (SAL) SUMMARY SHEET LEVELIZED 1995-1997 FLORIDA

	FACILITY TYPE	(A) 95-97 UTIL/LEV INV	(8) 95-97 UTIL/LEV AMMUAL COST	(C) 95-97 UTIL/LEV MONTHLY COST	(D) 95-97 UTIL/LEV MONTHLY COST (AIR MILE)	(E) PROBABILITY OF OCCURRENCE	(F) 95-97 UTIL/LEV INV (A*E)	(G) MEIGHTED 95-97 UTIL/LEV AMMUAL COST (B*E)	(H) 95-97 UTIL/LEV MONTHLY COST (ROUTE MILE (C*E)	(1) 95-97 UTIL/LEV MONTHLY COST ((AIR MILE) ((D*E)
DESIGN #1	COPPER-4WIRE CO-CP ELECTRONICS 1/2 ML COPPER	* * * * * * * * * * * *				ı				
DESIGN #2	FIBER DS3+ CO-CP ELECTRONICS 1/2 MI DS3 FIB AT DS1 LEVEL					;			. !	
DESIGN #3	FIBER DS2+ CO-CP ELECTRONICS 1/2 MI DS2 FIR AT DS1 LEVEL					!			i	
DESIGN #4	FIBER-HUB-CP (FIBER EXT.) ELECTRONICS DS3 FIBER & NUB-CP FIBER		*						į	
DESIGN #5	FIBER-HUB-CP (COPPER EXT.) ELECTRONICS DS3 FIBER &									

COPPER

TOTAL, FIRST HALF AIR MILE

ELECTRONICS TRANSPORT TOTAL

TOTAL, SECOND HALF MILE

TRANSPORT =

FI AT BATE =

FUNDAMENTAL INTRASTATE DS1 LOCAL CHANNEL - (AC) SUMMARY SHEET LEVELIZED 1995-1997 FLORIDA

LOOP LENGTH (FT)=

3750

1		(A)	(8)	(C)	(D)	(E)	(f)	(G) • WEIGHTED	(H)	ധ
	FACILITY TYPE	95-97 UTIL/LEV INV	95-97 UTIL/LEV ANNUAL COST	95-94 UTIL/LEV MONTHLY COST	95-97 UTIL/LEV MONTHLY COST (AIR MILE)	PROBABILITY OF OCCURRENCE	INV	95-97 UTIL/LEV AMBUAL COST	95-97 UTIL/LEV MONTHLY COST	MONTHLY COST (AIR MILE)
			*******	••••••			(A*E)	(B*E)	(C*E)	(D*E)
DESIGN #1	COPPER-4WIRE CO-CP ELECTRONICS 1/2 NI COPPER					į				
DESIGN #2	FIBER DS3+ CO-CP ELECTRONICS					!		,		
	1/2 MI DS3 FIBER AT DS1 LEVEL					!				
DESIGN #3	FIBER DS2+ CO-CP ELECTRONICS 1/2 N1 DS2 FIBER AT DS1 LEVEL	ı.	ı							·
DESIGN #4	FIBER-MUB-CP (FIBER EXT.) ELECTRONICS DS3 FIBER & MUB-CP FIBER			• .		;				
DESIGN #5	FIBER-HUB-CP (COPPER EXT.) ELECTRONICS 0S3 FIBER &		1			į				
								•		
	COPPER								•••••	
	TOTAL, FIRST HALF	AIR MILE		ELECTRONICS TRANSPORT TOTAL	\$	•				
•	TOTAL, SECOND HALI	MILE		TRANSPORT =	•	i				

FLAT RATE *

er Post

....

UNBUNDLED EXCHANGE ACCESS LOOP

STATE:

FLORIDA

WORKPAPER: PAGE:

300 1 OF 1

DATE:

Oct-95

PERFORMANCE MONITOR/TEST EQUIPMENT per DS1

LEVEL 1995 - 1997

LINE DESCRIPTION	ACCT CODE	SOURCE	AMOUNT
1 Material Price at 90% utilization (vintage 1995) 2	357C	Network	:
3 Material In-Plant Factor 4 Total 1995 Installed Investment	357C	Economic Analysis Line 1 x Line 3	
5 6 Levelization Factor 7 1995 – 19 97 Levelized Investment	357C	Economic Analysis Line 4 x Line 6	
8 9 <u>Miscellaneous Loading Factors:</u>			
10 Common Equipment & Power Factor 11 Land Factor	357C 20C	Economic Analysis Economic Analysis	
12 Building Factor 13	10C	Economic Analysis	
14 1995 - 1997 Total Levelized Investment:	0570	Line 7 v. Line 40	
15 Equipment Investment 16 Land Investment	357C 20C	Line 7 x Line 10 Line 15 x Line 11	
17 Building Investment	10C	Line 15 x Line 12	
18			
19			
20 Annual Cost Factors:	_		
21 Circuit - Digital Other	357C	Economic Analysis	
22 Land	20C	Economic Analysis	
23 Building	10C	Economic Analysis	
24	,		
25 1 <u>995 - 1997 Total Levelized Annual Cost:</u> 26 Circuit - Digital Other	357C	Line 15 x Line 21	
27 Land	20C	Line 16 x Line 22	
28 Building	10C	Line 17 x Line 23	
29 1995 - 1997 Total Levelized Annual Cost		Sum: Lines 26, 27, 28	
30			
31 1995 - 1997 Total Levelized Monthly Cost		Line 29 / 12	
32			-
33			
34		•	
35			

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: SUMMARY

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

Resp Near END OFFICES

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

	STATE -	DS1-GENERAL Florida INTRASTATE 0	OFFERING		•		OATE - STUDY YEAR - COST OF MONEY STUDY TYPE -	03-Jan-95 1995-1997 12:50% PROSPECTIVE		
		(A) 19 91 MATERIAL	(8) NUMBER	(C) 1991 MATERIAL	(D) PROB OF	(E) WEIGHTED MATERIAL	(F) 1994	(G) 1994 MATERIAL		
		INVESTMENT	REQUIRED		OCCURRENCE	INVESTMENT (C * D)	TPI	INVESTMENT (E * F)		
END OFFICES CHANNEL UNIT PLUG-IN			1	·	1.0000 1.0000		0. 994 0. 984			
•						TOTAL				
	DESCRIPTION	FIELD REPORTING CODE	(G) 1994 MATERIAL INVESTMENT	(H) 1994 INPLANT FACTOR	(I) 1994 INSTALLED INVESTMENT (G * HI	(J) MISC FACTORS	(K) 1994 INSTALLED INVESTMENT			
1A. 1B. 1C. 1. 2. 3.	CO EQUIPMENT MCE POWER TOTAL CO EQUIPMENT LAND BUILDING	357C 357C 357C 357C 20C 10C	·.	1.25130						
			(KO)	C	(M)	(N)	. (0)	(P)		
	DESCRIPTION	FIELD REPORTING CODE	1994 INSTALLED INVESTMENT	LEVELIZATION FACTOR	1995-1997 LEVELIZED INVESTMENT (K°L)	ANNUAL COST FACTOR	1995-1997 ANNUAL COST (M * N)	1995-1997 MONTHLY COST (0 / 12)		
1. 2. 3.	TOTAL CO EQUIPMENT LAND BUILDING	357C 20C 10C		0.9 0200 1.0 0000 1.05 000						

TOTAL

Note 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

FLORIDA UNBUNDLED LOOP CONCENTRATION MONTHLY RECURRING UNIT COST DEVELOPMENT

RATE ELEMENT:	TR303 System Capacity 96 Voice Grade Circuits ANNUAL COSTS										MONTHLY COST		
Description:	Account <u>Code</u>	<u>invesiment</u>	Depreciation	COM	income <u>Tax</u>	Capital Expense	Maintenance	Ad Valorum Tax	Administration	Operating Expense	GRI	Total	-
Installed investment per 96 capacity system (Mode I or Mode II)	357C	\$											7
Land	20C	\$											10
Buildings	10C	\$											//
Total		\$											12

FLORIDA UNBUNDLED LOOP CONCENTRATION MONTHLY RECURRING UNIT COST DEVELOPMENT

RATE ELEMENT:	TR303 Working Plug-in for 96 capacity system - Serves 2 POTS lines ANNUAL COSTS									MONTHLY COST				
Description:	Account Code	investment	Depreciation	COM	Income Tax	Capital Expense	Maintenance	Ad Valorum Tax	Administration	Operating Expense	GRI	<u>Total</u>		
installed investment	357C	\$												7
Land	20C	\$												8
Buildings	10C	\$	•											9
Total		\$												10
		•									Total per (Circuit		11

FLORIDA UNBUNDLED LOOP CONCENTRATION MONTHLY RECURRING UNIT COST DEVELOPMENT

RATE ELEMENT:	TR303	03 Working Plug-in for 96 capacity system - Serves 2 SPOTS lines ANNUAL COSTS											MONTHLY COST
Description:	Account <u>Códe</u>	t <u>Investment</u> .	Depreciation	COM	income Tax	Capital Expense	Maintenance	Ad Valorum Iax	Administration	Operating Expense	GRI	<u>Total</u>	
Installed investment	357C	\$. 7
Land	20C	\$ 1											8
Buildings	10C	\$											9
Total		\$											10
											Total per	Circuit	11

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DIRECTLY ASSIGNED INTRASTATE UNBUNDLED LOOP CONCENTRATOR SERVICE NONRECURRING COST SUMMARY CENTRAL OFFICE CHANNEL INTERFACE - VOICE - OTHER: PER CIRCUIT STATE: FLORIDA (A) TOTAL COSTS INCLUDE A GROSS RECEIPTS TAX FACTOR OF: 0.015200 (B) DISCOUNT RATE FOR DISCONNECT: $(H) = (G) \circ (B)$ (G) INSTALL DISCONNECT LABOR = (C) . (E) *DISCOUNTED* = ((F)+(H))*(1+(A)) = (D) * (E) TOTAL WEIGHTED **TOTAL WEIGHTED** RATE *TOTAL COST* "INSTALL COST" *DISCONNECT COST* **FUNCTION** *DISCONNECT COST* WORK TIME (MINUTES) WORK TIME (MINUTES) & PER (DOLLARS) (DOLLARS) **DOLLARS**) (DOLLARS) FIRST ADDITIONAL FIRST ADDITIONAL I. SERMICE ORDER: FIRST ADDITIONAL MINI FIRST ADDITIONAL FIRST ADDITIONAL FIRST ADDITIONAL A Marketing Implementation -1. Network (Premises) Marketing 8. Service Inquiry Processing -1.BSC Customer Recresentative 2.ISC Area TEAM MEMBER 3.ISC Clerical Support 4. Transmission Engineering 5.Distribution Svc's, Spt. Cir.(OSPE) 6. NTWK Planning and ENG. FG201/ENG) Total Service Inquiry Proc. C. Service Order Processing -1.8SC Customer Representative 2. Circuit Provisioning Ctr(CPC) 3. NTWK. Planning and ENG. FG20) (PICS) 4.Central Office: Natwrk, Transl. Equip. Cir. (NTEC) Netwik Trant. Equip.Loc. (NTEL.) Special Services Center (SSC) Fac.Mce.Admin.Cr.(FMAC) **Total Central Office** 5. Newric Instit Crief Cir. (NICS) CU 6. NTWK Planning and ENG. (FG20) (PICS) 7.Spcl.Svcs.Insti.Adnt.(SSM) Total Service Order Proc. D. Intinte Billing -1.Comptrollers Clerical TOTAL SERMCE ORDER: IL ENGINEERING: 1. Circuit Provisioning Ctr(CPC) 2. NTWK Planning and ENG. (FG20) (PICS) 3. Transmission Eng. 4.Fac.Mice.Admin.Cir.(FMAC) 6. Distribution Svc's Spt. Ctr. (OSPE) TOTAL ENGINEERING: III. CONNECT AND TEST: A. Central Office -1.Fac.Mtcs.Admin.Cir.(FMAC) C^{*} 2. Special Services Center (SSC) 3. Netwik Trimol Equip.Ctr. (NTEL) C_{1} CA Total Central Office B. Customer Premises -1. Spci. Svcs. Insti., Mnt. (SSIM) TOTAL CONNECT AND TEST: IV TRAVEL:

1. Spci. Svcs. Iristi./Mrk. (SSIM)

1. OTAL NONRECURRING

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DIRECTLY ASSIGNED INTRASTATE LINBLINDLED LOOP CONCENTRATOR SERVICE

CENTRAL OFFICE CHANNEL INTERFACE - VOICE (LINBUNBLED EXCHANGE ACCESS), PER CIRCUIT

= ((F)+(H))*(1+(A))

FIRST ADDITIONAL

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10

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"TOTAL COST"

(DOLLARS)

NONRECLIRRING COST SUMMARY

TOTAL NONRECURRING

STATE: FLORIDA

	STATE: FLORIDA (A)TOTAL COSTS INCLUDE A GROSS RECE	CHANNELIZATION ~ LINBUNDLED EPTS TAX FACTOR OF:	0.015200	ata (CM, P	EM 919 ICM		
	(B) DISCOUNT RATE FOR DISCONNECT:	85.40% (C)	(D)	(E)	Ð	(G)	(+1) = (G) * (B)
		INSTALL	DISCONNECT	LABOR	= (C) * (E)	= (O) • (E)	*DISCOUNTED*
	FUNCTION	TOTAL WEIGHTED WORK TIME (MINUTES)	TOTAL WEIGHTED WORK TIME (MINUTES)	RATE & PER	*INSTALL COST* (DOLLARS)	*DISCONNECT COST*	*DISCONNECT COST*
	I. SERVICE ORDER:	· Trough lime provides	TOTAL SIME PRINCIPLE	MIN.)	horranal	(necross)	(PCCLIANS)
	A Marketing Implementation	-		-			
	1. Network (Premises) Marketing			0.9500			
	B. Service inquiry Processing — 1.BSC Customer Recresentative			0.5674			<u>.</u>
	2.ISC Area TEAM MEMBER			0.6296			
-	3.ISC Cigrical Support			0.5180			
	4. Transmission Engineering			0.9738			
	6. Distribution Svers. Spt. Ctr. (OSPE)	•		0.8070			
	6. NTWIC Planning and ENG. (FG20) (ENG)			0.9738			
	Total Service Inquiry Proc.	•					
	C. Service Order Processing —						
	1. BSC Customer Representative 2. Circuit Provisioning Ctr(CPC)			0.5674 0.6100		•	
	3Loop Assignment Center (LAC)			0.5553			•
	4.Central Office:						
	Netwis Transl.Equip.Cir. (NTEC)			0.6400			
	Netwik Trimil. Equip. Loc (NTEL)			0.6040			
~~7	Special Services Center (SSC) Fac.Mics.Admin.Cr. (FMAC)			0.6464 0.6400			
	recinice. Annual interest	•		4.0100			
CO	Total Certail Office						k.
CO	5. Ntwrk Inst. Cntrl Ctr. (NICS)			0.5066			
	6. NTWK. Planning and ENG. (FG30) (PICS) 7. Spct. Svcs. Instl., Mrt. (SSIM)			0.9736 0.7350			
-		•					
2	Total Service Order Proc.						
	D. Initiate Shiing 1.Compirellers Clerical			0.5994			
	1.00 mg/s table 8 Copillar			0.555			
	TOTAL SERVICE ORDER:				•		
	IL ENGINEERING:		•		1		
	1. Circuit Provisioning Ctr(CPC)			0.6100			
	2. NTWK Planning and ENG. (FG30) (PICS) 3. Transmission Eng.			0.9736 0.9736			
	4.Fec.Mice.Admin.Ctr.(FMAC)			0.6400			
	5.Distribution Svc's Spt. Ctr.(OSPE)			0.8070			
	TOTAL ENGINEERING:				,		
0	III. CONNECT AND TEST:				+		
0	A. Central Office -		•				
$\overline{\Box}$	1.Fac.Mice.Admin.Cir.(FMAC)			0.6400			
CO.	2. Special Services Center (SSC)	•		0.6464			
	3. Netwrk Trmnl Equip.Ctr.(NTEL)			0.6940			
ري دس	Total Central Office						
೦೦	B: Customer Premises —						
	1. Spci. Svcs. InstiMint. (SSIM)			0.7350			
	TOTAL CONNECT AND TEST:		. -				
	IV TRAVEL:						
	1 Spct Svcs Insti./Mnt (SSIM)			0.7359			

TOTAL NONRECURRING

(i) = ((F)+(H))*(1+(A)) *TOTAL COST* (DOLLARS)

FLORIDA



UNBUNDLED LOOP COST

Based on 1994 LIAE Studies

1994-1996 LEVELIZED

CONTENTS

1		EXECUTIVE SUMMARY
2	•	INTRODUCTION AND OVERVIEW
3	. • •	SUMMARY OF RESULTS BY RATE ELEMENT
4		DESCRIPTION OF PROCEDURES
5		WORKSHEETS
	A	NONINTEGRATED INVESTMENTS
	В	LEVELIZED COSTS

1994-1996 LEVELIZED

EXECUTIVE SUMMARY

The Unbundled Loop Cost Study is based on the Loop Is A Loop (LIAL) Study, which is a study of the state average local loop. The unbundled loop cost as developed using the same nonintegrated investments as the 1994-1996 LIAL Study.

The incremental loop costs are developed for 1000 foot sections of plant up to 12,000 feet from the central office. The last band studied is the average loop length of all loops with a length greater than 12,000 feet.

A summary of the study results can be found in Section 3 of this documentation.

1994-1996 LEVELIZED

INTRODUCTION AND OVERVIEW

The objective of this study is to provide monthly recurring economic costs of a state specific average loop.

The study methodology uses the Loopcost Model to provide long run incremental costs of the local loop for a state specific average loop.

1994-1996 LEVELIZED

SUMMARY OF RESULTS BY RATE ELEMENT

This section provides a summary of the state average monthly recurring local loop costs. These costs are provided for nonintegrated technology only.

State: Florida

Service: Unbundled Loop

10/11/95 Page 1

Flat Rate Cost Summary

Total Total Total
Investment Annual Cost Monthly Cost

1994-1996 LEVELIZED

DESCRIPTION OF PROCEDURES

A. Study Architecture

The Unbundled Loop cost study is prospective and incremental. The purpose of using the incremental approach is to determine the monthly costs associated with providing additional services.

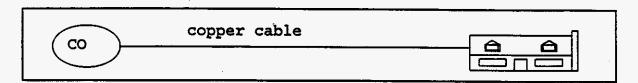
The study is basically a three part process. First, develop the monthly cost for each possible technology for nonintegrated transmissions. Second, select the most economically efficient cost..

The possible technologies looked at in this study are:

- Copper cable
- Digital loop carrier on copper
- Digital loop carrier on fiber optics

The costs for each technology type were developed using the following procedures.

COPPER CABLE



STEP 1 - DETERMINE ROUTE DISTANCES TO BE STUDIED

In this study 1000 foot bands are used up to 12,000 feet from the central office. The last band is the average of all loops in the state greater than 12,000 feet.

This average loop length is calculated from data obtained from the 1988 Loop Survey. The Loop Survey is a statistical sample of loops in the state. The sample consists of from 300 to 500 detailed complement diagrams prepared by Outside Plant Engineers. The gathering of the data and analysis required approximately two years to complete and required extensive coordination with network personnel.

STEP 2 - DEVELOP UNIT INVESTMENTS FOR COPPER CABLE

State wide average unit investments are calculated for each type of cable (aerial, buried and underground). Only 26 gauge cable was studied since it meets all resistance design criteria for non-designed services out to 15,500 feet. These cable investments represent fully engineered and installed unit investments. These investments are calculated using Vintage Retirement Unit Cost (VRUC) data.

STEP 3 - DEVELOP AND APPLY DISTRIBUTION TO CODE PERCENTAGES

The distribution to code refers to the breakdown by percentage, of aerial, buried and underground cable. The distribution is calculated from VRUC data.

STEP 4 - ASSOCIATE CABLE INVESTMENT WITH ROUTE FOOTAGE AND DISTRIBUTION TO CODE

For each type of cable plant (aerial, buried, and underground) the route footage, for that band, is multiplied by the distribution to code percentage to determine the amount of each type of cable required. The length of each type of cable is then multiplied by the unit investment to arrive at the cable investment.

ILLUSTRATIVE EXAMPLE:

Route footage = 2500 feet

Investments: \$.04 per pair foot for aerial cable

\$.03 per pair foot for buried cable

\$.02 per pair foot for underground cable

Distribution to code:

60% Underground

30% Aerial 10% Buried

CALCULATIONS

Loop Length In Feet	Type of Cable Plant	Distr. To Code	Loop Length by Cable Ft.	Unit Investment	Cable Investment	
2500	Aerial	.30	750	\$.04	\$30.00	
	Buried	.10	250	\$.03	\$ 7.50	
	Underground	.60	1500	\$.02	\$30.00	

STEP 5 - DETERMINE SUPPORTING STRUCTURE INVESTMENTS

Supporting structures are pole lines for aerial cable and conduit structures for underground cable. The investments for these structures are developed by using pole and conduit factors. These factors are developed by dividing total structure expenditures by total expenditures for the associated cable code.

ILLUSTRATIVE EXAMPLE

Total Pole Line Expenditures = \$1,500,000 Total Aerial Cable Expenditures = \$6,000,000 Pole Line Factor = \$1,500,000 / \$6,000,000 = \$.25



To develop the supporting structure investment, the structure factor is multiplied by the associated cable investment.

ILLUSTRATIVE EXAMPLE

Pole Line Investment = \$.25 X \$30.00 = \$7.50

STEP 6 - DEVELOP THE CENTRAL OFFICE CONNECTION INVESTMENT

This is the investment required for the central office protector associated with the loop. The material cost for the item is obtained from the Approved Product Catalog. These price is then multiplied by an in-plant factor to arrive at an installed cost. The installed cost is divided by the channel capacity of the equipment to develop the installed cost per channel. This cost is developed for copper facilities, digital loop carrier on copper facilities and digital loop carrier on fiber optic cable.

STEP 7 - DEVELOP THE BUILDING CABLE INVESTMENT

This investment accounts for building entrance cable and building terminals. It is developed from company records and includes engineering and installation. In the model this investment is weighted by the probability that building entrance cable occurs.

STEP 8 - DEVELOP LAND, BUILDING AND MISCELLANEOUS COMMON EQUIPMENT AND POWER INVESTMENTS

Investments for these items are included in this study because all components of production are considered variable in a long-run incremental study. These investments are developed by multiplying factors for these investments by the central office connection investment. When these investments are calculated on a per circuit basis they are very small.

STEP 9 - APPLY UTILIZATION FACTORS

The investments are now divided by a utilization factor to account for spare capacity in the network. These utilization factors are obtained from the Network Organization. They represent the optimal utilization for each type of plant.

STEP 10 - CONVERT INVESTMENTS TO ANNUAL COSTS

Annual cost factors are multiplied by the utilized investment to convert it to an annual cost. The annual costs are divided by 12 to arrive at a monthly cost.

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The annual cost factors are comprised of several components. These components are as follows:

- Capital Related Costs
 - Depreciation
 - Cost of Money
 - Income Tax
- Expenses
 - Maintenance
 - · Administration
 - Ad Valorem Taxes
- Gross Receipts Tax

STEP 11 - TREND RESULTS TO STUDY YEAR LEVEL

Investments are based on the most current information available. In order to account for changes in costs for differing time periods, trending factors are applied. These factors account for inflation and changes in technology from year to year.

DIGITAL LOOP CARRIER

For loops greater than 12,000 feet the standard engineering design is based on the use of digital loop carrier technology. The use of digital loop carrier technology allows one pair of copper wire or two strands of optical fiber to transmit more than one voice grade level circuit at a time.

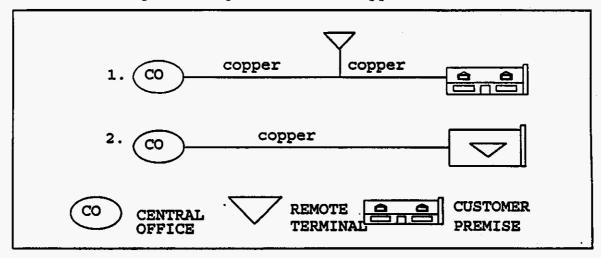
In Unbundled Loop studies, two basic types of pair gain technology are reviewed:

- A) Digital loop carrier equipment using copper transmission facilities to extend from the Central Office.
- B) Digital loop carrier equipment using fiber optic transmission facilities to extend from the Central Office.

The cost study determines the cost of each of these technologies for each mileage band and chooses the most economical cost.

DIGITAL LOOP CARRIER ON COPPER

There are two basic designs for digital loop carrier on copper technology. These are illustrated in the following figure. The cost for each of these designs is separately calculated and the two costs are weighted by their probabilities of occurrence to arrive at a weighted unit cost for digital loop carrier on copper technology. The following steps calculate the investment associated with digital loop carrier on copper.



STEP 1 -DEVELOP UNIT INVESTMENTS FOR COPPER CABLE

CENTRAL OFFICE TO REMOTE TERMINAL

Unit investments for copper cable feeding a remote terminal are different than those for straight copper cable because in the loop carrier environment more than one voice grade signal is transported over a pair of copper wires. This is accounted for by the pair gain factor. The pair gain factor is developed for each type of digital loop carrier equipment. The number of copper pairs required to run a system is divided by the total number of derived pairs obtained from each system. This provides a pair ratio for each system used in a state. This pair ratio is multiplied by the probability of that system's occurrence in the state to arrive at a weighted pair gain ratio. The weighted pair gain ratios for the state combined provide the pair gain factor.



Equipment	Copper <u>Pairs</u>	Derived Pairs	Pair <u>Ratio</u>	% Use	Weighted PG Ratio
SLC-96 I	10	96	.10	.10	0.0100
SLC-96 II	6	96	.06	.10	0.0060
SLC-96 III	6	48	.13	.05	0.0065
Series 5	20	192	.10	.25	0.0250
Fujitsu	20	192	.10	.25	0.0250
DMS1 Urban	16	544	.03	.25	0.0075
	Pai	r Gain Fa	ctor		0.0800

Digital loop carrier is deployed at longer distances than straight copper cable. This leads to a requirement for larger gauges of cable and repeaters. A repeater investment is developed for one repeater. This investment is then divided by the repeater spacing for each gauge of cable to arrive at a per foot repeater investment. For each gauge of cable the pair foot investment is added to the per foot repeater investment. This sum is then multiplied by the pair gain factor to develop the cable investment per channel. This procedure is performed in Worksheet B.

REMOTE TERMINAL TO CUSTOMER PREMISES

The copper cable investments and distribution to code for the copper cable between the remote terminal and the customer premises are melds of the three gauges available. The distribution to code and pair foot investment are multiplied by each gauge's probability of occurrence (provided by Network). The resulting weighted distribution to code and pair foot investments are added together for each code to derive the melded distribution to code and pair foot investment.

ILLUSTRATIVE EXAMPLE

Description	Distrib. To Code	Pair Foot Investment	Prob. of Occurrence	Weighted <u>Dist/Code</u>	Wgt'd Invst.
PBA26 PBA24	.25 .27	\$.04 \$.05	.85 .12	.2125 .0324	\$.0340 \$.0060
PBA22	.34	\$.06	.03	.0102	\$.0180
			- Aerial Cab - Aerial Cab		\$.0580

The same procedure develops the melded distribution to code and pair foot investment for buried and underground cable. Since

underground cable is not used from a remote terminal to the customer premises, the distribution to code is renormalized to account for using only aerial and buried cable. This is accomplished by dividing the aerial cable distribution to code by the sum of the aerial and buried distribution to codes. The step is repeated for the buried distribution to code.

STEP 2 - DEVELOP THE INVESTMENT AND COSTS FOR 1,000 FEET OF COPPER FACILITIES

This step uses the per channel cable investments developed in Step 1, Central Office to remote terminal. Investments, annual costs and monthly costs are generated using the same methodology described for copper cable for 1,000 feet of copper facilities. These calculations include only cable and supporting structures. Other equipment is not contained in this calculation. These calculations are then used in Worksheet D to develop investments and costs for each mileage band.

STEP 3 - CALCULATE THE 1,000 FOOT RATIO

This ratio is the number of 1,000 foot investments calculated in Step 2, needed for a particular mileage band. It equals the distance in kilofeet of the mileage band minus the minimum distance of digital loop carrier deployment. This minimum distance is the average distance from the remote terminal to the customer.

STEP 4- CALCULATE THE MINIMUM BAND DISTANCES

The minimum band distance is the first distance band that is greater than the distance from the remote terminal to the customer. This is because we would not place digital loop carrier facilities so close to the central office that the distance from the remote terminal to the customer exceeds the distance from the central office to the customer.

STEP 5- DEVELOP UNIT INVESTMENTS FOR DIGITAL LOOP CARRIER EQUIPMENT

These investments are developed in a separate model for use in the Loopcost model. They are calculated as follows.

TECHNOLOGIES STUDIED

Four loop carrier systems were studied, including three different Modes for SLC-96. This results in a total of six technologies accounted for in this study. The technologies studied were:

EQUIPMENT NAME	VENDOR					
SLC-96 Mode I	AT&T					
.SLC-96 Mode II	AT&T					
SLC-96 Mode III	AT&T					
SLC Series 5	AT&T					
Fujitsu FDLC	Fijitsu					
DMS-1 Urban	Northern Telecom					

INVESTMENT DEVELOPMENT

The installed first cost for each piece of equipment was obtained from Network for each of these technologies for the first system at a site and for incremental systems at each site. Investments are then developed for each technology accounting for the average number of systems at a site. These investments are then divided by the number of systems per site to obtain an average system investment. The system investments are then divided by the number of channels available to obtain an investment per voice grade equivalent.

Next is the development of the non-integrated pair gain investments. The voice grade investment for each equipment type is multiplied by the probability of voice grade weighting to arrive at the weighted investment. The weighted investments are then totaled to develop the total non-integrated pair gain investments.

A probability of voice grade weighting is derived by multiplying the number of voice grade equivalents by the percent of time that bit rate will be used. This develops the weighted voice grade equivalents. That column is then totaled and the entry for each bit rate is divided by the column total to arrive at the probability of voice grade weighting.

The weighted 4C (Conduit) investment is developed the same way the 257C (Digital Loop Carrier) investment is developed, using the voice grade equivalent 4C investment.

The office repeater bay investment is developed next. The utilized investment is calculated by dividing the office repeater bay investment by the utilization rate. This investment, at the voice grade level, is the utilized investment divided by the number of voice grade equivalents. The probability of voice grade weighting is developed in the same way as described above.

The weighted office repeater bay investment is then arrived at by multiplying the office repeater bay voice grade equivalent investment by the probability of voice grade weighting. The total of the weighted investment column is the ORB investment.

The pair gain investments derived by this method are:

UNVPGINV The average investment for pair gain

equipment (non-integrated)

INTPGINV The average investment for pair gain

equipment (integrated)

ORBINV The investment for an Office Repeater

Bay

CONPGNVST The conduit (4C) investment associated

with pair gain equipment

STEP 6 - DEVELOP INVESTMENTS AND COSTS OF THE MINIMUM BAND FOR EACH CARRIER DESIGN

Utilizing the procedures described for copper calculations and the investments calculated for carrier on copper; investments, annual costs and monthly costs of the minimum band are developed for the components of the digital loop carrier on copper designs. These components are as follows:

Central Office to Remote Terminal not located at the customer's premises.

This component involves all equipment, cable and supporting structures required to provide service. This is calculated using the same methodology as described for copper cable.

Central Office to Remote Terminal located at the customer's premises.

This component involves all equipment, cable and supporting structures required to provide service. This is calculated using the same methodology as described for copper cable.

Remote Terminal to customer's premises.

This component involves only cable and supporting structures. This is calculated using the same methodology as described for copper cable.

Building Cable and Terminal

This component is developed from vintage retirement unit costs for 12C cable and terminals on a per circuit basis. This investment component is then calculated using the same methodology as described for copper cable.

STEP 7 - CALCULATE INVESTMENT AND COSTS FOR THE FIRST COMPONENT FROM THE CENTRAL OFFICE FOR EACH DESIGN

The 1,000 foot ratio, calculated in Step 3, is multiplied by the investment and costs for 1,000 of cable to arrive at the investments and costs for the first component from the central

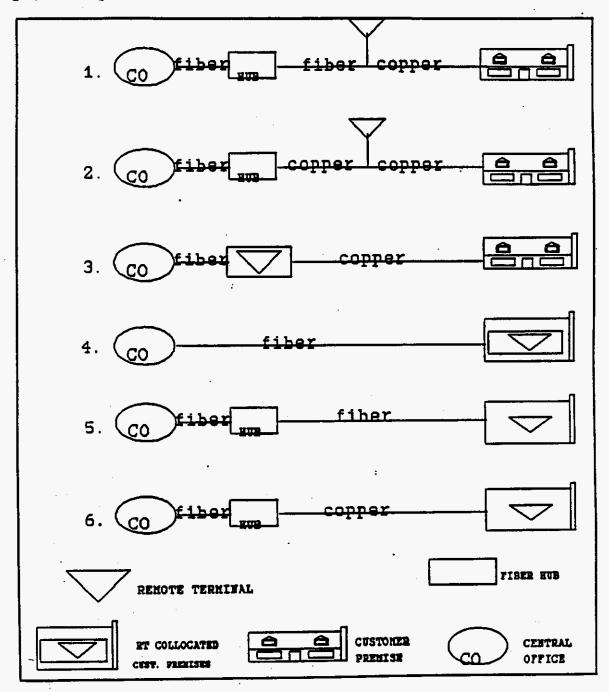
office in each mileage band. These calculations are performed in Worksheet D.

STEP 8 - CALCULATE THE WEIGHTED DIGITAL LOOP CARRIER ON COPPER INVESTMENT AND COSTS FOR EACH MILEAGE BAND

The investment, annual cost and monthly cost for each component of each digital loop carrier design are multiplied by that design's probability of occurrence to develop the weighted investment, annual cost and monthly cost for each component of each design. The weighted monthly costs are then added together to form the total digital loop carrier on copper cost for each mileage band.

DIGITAL LOOP CARRIER ON FIBER

There are six basic designs for digital loop carrier on fiber technology. These are illustrated in the following figure. The cost for each of these designs is calculated separately and then weighted by their probabilities of occurrence to arrive at a weighted unit cost for digital loop carrier on fiber technology. The following steps calculate the investment associated with digital loop carrier on fiber.



STEP 1 - DEVELOP UNIT INVESTMENTS FOR FIBER OPTIC CABLE

The per foot investment in fiber and the distribution to code for fiber facilities are developed in special studies, separate from the Loopcost Model, using company reports. The per foot investment for fiber is on a voice grade equivalent basis. It has been weighted to account for the number of channels that can be provided over fiber facilities. Utilization has also been applied in the original study.

STEP 2 - DEVELOP UNIT INVESTMENTS FOR COPPER CABLE

When digital loop carrier on fiber facilities are used copper cable is the transport medium from the fiber hub to the remote terminal in fiber designs 2 and 6. The copper cable investments and distribution to code for a copper extension from a fiber hub to a remote terminal are melded the same way as the copper cable from the central office to the remote terminal in the digital loop carrier on copper design. The difference is that repeater investments from Worksheet B are included in these pair foot investments. The distribution to code from the hub to the remote terminal is not renormalized. These calculations are performed in Worksheet A.

STEP 3 - DEVELOP MULTIPLEXER INVESTMENTS

These investments represent the equipment used with fiber optic cables. They include multiplexers, lightwave terminals, fiber terminals, DSX-1 panels and DSX-3 panels. The installed cost for each piece of equipment was obtained from the network organization.

Multiple vendors are considered in arriving at these investments. The In-Plant investment for each component of the equipment is multiplied by the weighting factor for that vendor's equipment. The weighting factor represents the percent of the time that piece of equipment will be used to provide a particular bit rate. The weighted investments for each piece of equipment are then added together to develop the multiplexer and lightwave investments. A multiplexer and lightwave investment is developed for the central office and the field site for each bit rate. An investment is also developed for the equipment when the signal is not converted from the DS3 rate.

The equipment investments are converted to a total investment for each bit rate. The equipment investments are multiplied by the number of times that piece of equipment is required (for example:

17

Trailinesion of Samuel	DSX-1 panels are required). The plied. DS1 utilization (DS0 * DS1) is DS3 utilization (DS0 * DS1 * DS3) is exer, Lightwave Terminal, DSX-3 panel a utilized investment for each piece rive at a total investment for each lice and the remote terminal site.
1 17 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
\$ \(\frac{1}{2} \sum \) \end{1} \)	de weighting, is derived by ice grade equivalents by the percent used. This develops the Weighted is investment is then totaled and the vided by the column total to arrive rade weighting.
€ 2.50 % 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	loped by using the in-plant lternatives (cabinet, hut, controlled stomer's premises) and multiplying by de equivalent to arrive at an quivalent. The investment per voice tiplied by the probability of that at the weighted voice grade abinet investment is the digital nvestment, the CEV investment (4C) ivestment is classified as 10C and is g factors. For this reason, it is ker investments.
- % %1-5-%	this program are:
	n-hubbed design, this includes the nts at the central office and the ite.
FOND OF THE PERSON	bbed design, this includes the nt at the central office and the hub.
**************************************	bbed design, this provides the nt at the remote terminal.

CONPGNVST Investment to account for any CEV type housing.

STEP 4 - DEVELOP THE INVESTMENT AND COSTS FOR 1,000 FEET OF FIBER OPTIC FACILITIES.

This step is performed using the same methodology as digital loop carrier on copper facilities.

STEP 5 - CALCULATE THE 1,000 FOOT RATIO

This step is performed using the same methodology as digital loop carrier on copper facilities.

STEP 6 - CALCULATE THE MINIMUM BAND DISTANCES

This step is performed using the same methodology as digital loop carrier on copper facilities.

STEP 7 - DEVELOP INVESTMENTS AND COSTS OF THE MINIMUM BAND FOR EACH CARRIER DESIGN

Utilizing the procedures described for copper calculations and the investments calculated for carrier on fiber; investments, annual costs and monthly costs of the minimum band are developed for the components of the digital loop carrier on fiber designs. These components are as follows:

Central Office to Fiber Hub not located at the Remote Terminal with a fiber extension to the Remote Terminal.

This component involves all multiplexer equipment, cable and supporting structures required to provide service. Additional multiplexing equipment is required at the remote terminal for this design. This is calculated using the same methodology as described for copper cable.

Central Office to Fiber Hub not located at the Remote Terminal with a copper extension to the Remote Terminal.

This component involves all multiplexer equipment, cable and supporting structures required to provide service. No additional multiplexing equipment is required at the remote terminal for this design. This is calculated using the same methodology as described for copper cable.

Central Office to Fiber Hub located at the Remote Terminal.

This component involves all multiplexer and digital loop carrier equipment, cable and supporting structures required

to provide service. This is calculated using the same methodology as described for copper cable.

Central Office to Fiber Hub and Remote Terminal located at the customer's premises.

This component involves all multiplexer and digital loop carrier equipment, cable and supporting structures required to provide service. This is calculated using the same methodology as described for copper cable.

Fiber Hub to Remote Terminal, not located at the customer's premises, served by fiber cable.

This component involves the additional multiplexer, and all digital loop carrier equipment, fiber cable and supporting structures required to provide service. This is calculated using the same methodology as described for copper cable.

Fiber Hub to Remote Terminal, not located at the customer's premises, served by copper cable.

This component involves all digital loop carrier equipment, copper cable and supporting structures required to provide service. This is calculated using the same methodology as described for copper cable.

Remote Terminal to customer's premises.

This component involves only cable and supporting structures. This is calculated using the same methodology as described for copper cable.

Building Cable and Terminal

This component is developed from vintage retirement unit costs for building cable and terminals on a per circuit basis. This investment component is then calculated using the same methodology as described for copper cable.

STEP 8 - CALCULATE THE INVESTMENT AND COSTS FOR THE FIRST COMPONENT FROM THE CENTRAL OFFICE FOR EACH DESIGN

The 1,000 foot ratio, calculated in Step 5, is multiplied by the investment and costs for 1,000 feet of fiber cable to arrive at the investments and costs for the first component from the central office in each mileage band. These calculations are performed in Worksheet D.

STEP 9 - CALCULATE THE WEIGHTED DIGITAL LOOP CARRIER ON FIBER INVESTMENT AND COSTS FOR EACH MILEAGE BAND

The investment, annual cost and monthly cost for each component of each digital loop carrier design are multiplied by that design's probability of occurrence to develop the weighted investment, annual cost and monthly cost for each component of each design. The weighted monthly costs are then added together to form the total digital loop carrier on fiber cost for each mileage band.

SELECTION OF ECONOMIC COST

The three technologies, copper cable, digital loop carrier on copper and digital loop carrier on fiber, are now compared and the lower of the three costs is chosen. This is the economic cost.

WEIGHT MONTHLY COSTS FOR EACH BAND

The economic monthly cost for each distance band is weighted to arrive at a state average cost. The weighting is accomplished by multiplying the cost for each band by that distance's probability of occurrence. The loop length probabilities are developed from the Loop Survey.

ADDITION OF COSTS FOR LMOS

Large computer systems are not included in the Annual Cost Factors. They must be added to appropriate cost studies. The cost for the Loop Maintenance Operating System (LMOS) has been determined to be \$.49 per loop. This is added to the economic cost for each mileage band.

WORKSHEET

FACILITY TYPE:

COPPER CABLE

DATE = 22-Sep-94 TIME= 10:39 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

LOOP		MATRIX 2	MATRIX 3	MATRIX 4	MATRIX 5	MATRIX 6	HATRIX 7	MATRIX 8	MATRIX 9
LENGTH		RELATIVE	LOOP	CABLE					WEIGHTED
IN FEET	TYPE OF	MIX OF	LENGTH	INVESTMENT	CABLE	WEIGHTED	AIR DRYER	DROP WIRE	DROP WIRE
AND	CABLE	CABLE	BY TYPE	PER	INVESTMENT	TERMINAL	INVESTMENT	ADJUSTMENT	ADJUSTMENT
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	PER PAIR	PER PAIR

1000.00 AERIAL

26 GAUGE B

D319UB

COPPER

CABLE

UNDERGRAD

1.000000

AERIAL DROP INV.=

BURIED DROP INV.=

INTRA BLDG CBLE =

BLDG ENTR. CBLE =

BLDG CHIK. CBLE -

PROB. AERIAL TERM.=

AERIAL TERM INV=

PROS. SURIED TERM.=

BURIED TERM INV=

POLE LINE FACTOR =

POLE LINE INVESTMENT

(TOTAL AER CA INV x FACTOR)

UG CONDUIT FACTOR =

CONDUIT INVESTMENT =

(TOTAL UG CA INV x FACTOR)

PROB. OF AERIAL DROP=

PROS. OF SURIED DROP=

PROB IBC =

PROS BEC =

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS =

MISC. COMMON EQPT. & POWER FACTOR (377C)=

MCEAP INVESTMENT (CO CONN x FACTOR) =

MFT INVESTMENT =

MFT PROBABILITY OF OCCURRENCE =

TOTAL MFT INVESTMENT = (NOTE 5)

MISC. COMMON EQPT. & POWER FACTOR (57C)=

MCEAP INVESTMENT (MFT x FACTOR) =

LAND FACTOR =

LAND NVST (CO CONN+MCE&P+MFT INV+MEC&P) x FACTOR =

BUILDING FACTOR =

BLDG NVST (CO CONN+MCE&P+MFT INV+MEC&P) x FACTOR =

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURENCE.

HOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

NOTE 5: IF LOOP LENGTH IS < 9000 FT. = MFT INVESTMENT x PROBABILITY OF OCCURRENCE

IF LOOP LENGTH IS > 8999 FT. = MFT INVESTMENT

COPPER CABLE

5A-1 EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

1000

TIME= 10:39 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

				UNIT FMENTS			ENTS FOR QUANTITY		1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY INCL. UTILIZATION	
(a)	(b)	(c) FIXED	(d)	(e)		(f)	(g)	(h)	(i)	(I)
	USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LIKE HAUL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP
*******	****		********	•••••	•••••	********	•••••	••••	•••••	•••••
LAND	2111	٧			1			1.00)	
BUILDING	2121	٧			1			1.00		
BLDG ENTRANCE CBLE	2421	٧			1			1.00)	
INTRABLDG CABLE	2421	V			1			1.00	1	
AERIAL CABLE	2421	٧			1			0.70	1	
TERM INV	2421	٧			1			0.70)	
AIR DRYER	2421	٧			1			0.70	1	
DROP WIRE	2421	٧			1			0.70	1	
BURIED CABLE	2423	V			1			0.70)	
TERM INV	2423	٧			1			0.70	1	
AIR DRYER	2423	٧			1			0.70	l	
DROP WIRE	2423	٧			1			0.70	1	
UNDERGROUND CABLE	2422	٧			1			0.70)	
AIR DRYER	2422	V			1			0.70)	
DROP WIRE	2422	٧			1			0.70)	
CO EQPT - ESS	2212	٧			1			0.70)	
MCEEP - CO	2212	٧			1			0.70)	
CO EQPT . MFT	2212	· •			1			1.00		
MCE&P - MFT	2212	V			1			1.00)	
POLE LINE	2411	٧			1			0.70)	
CONDUIT	2441	٧			1			0.70	3	

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

COPPER CABLE

SB EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

1000

TIME= 10:39 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 INVESTI	UNIT MENTS			TOTAL ANNUAL COSTS	1990 TOTAL MONTHLY COSTS		
(a)	(b)	(c)	(d)	(e) Annual	(f)	(g)	(i)	(I)	
	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP	
•••••	••••	•••••	•••••		*******	•••••	*******	********	
LAND	2111			12.0000					
BUILDING	2121			12.0000					
BLDG ENTRANCE CBLE	2421			12,0000					
INTRABLOG CABLE	2421			12.0000					
AERIAL CABLE (COPPER)	2421	,		12.0000					
SURIED CABLE (COPPER)	2423			12.0000					
UNDRGRNO CBL (COPPER)	2422	•		12.0000					
CO EQPT - P GAIN	2211			12.0000					
O EGPT - ESS	2212			12.0000					
MCE&P - CO	2212			12.0000					
CO EGPT - MFT	2212			12.0000					
MCE&P - MFT	2212			12.0000					
AERIAL CABLE (FIBER)	2421			12.0000					
BURIED CABLE (FIBER)	2423			12.0000					
UNDRGRND CASLE (FIBER	2422			12.0000					
POLE LINE	2411			12.0000		·			
CONDUIT	2441			12.0000					

SUBTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EQPT - ESS = CONNECTORS + MISC. CP&E.

COPPER CASLE

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

DATE = 22-Sep-94

TIME= 10:39 AM

1000

STATE: Florida

SERVICE CLASS: LIAL-HONINTEGRATED

50 EQV.

	٠			1990 TOTAL MONTHLY COSTS					1993 TOTAL MONTHLY COSTS	
(a)	COSTS TOTAL MONTHLY COSTS COSTS TOTAL MONT (a) (b) (c) (d) (e) (f) 1990 (g) (h) (i) TO USOA LOOP TERM LINE HAUL LOOP TERM LINE HAUL 1993 LOOP TERM LINE HAUL LOOP TERM UNT ITEM CODE EQUIP EQUIP EQUIP EQUIP TPI EQUIP EQUIP EQUIP 2111 1.0000 RANCE CBLE 2421 1.0020 ABLE (COPPER) 2421 ABLE (COPPER) 2423 1.0180 CBL (COPPER) 2422 P GAIN 2211 ESS 2212 CD 2212 0.8890 CD 2212 1.0690	(1)								
	USOA	LOOP TERM	LINE HADE	LOOP TERM	LINE WALK		I COD TERM	TIME WAIN	LOOP TERM	I THE WALL
PLANT ITEM	•									LINE HAUL EQUIP
•••••		*******		*******				••••••		
LAND	2111					1.0000				•
BUILDING										
BLDG ENTRANCE CBLE	2421						:			
INTRABLOG CABLE	2421						·			
AERIAL CABLE (COPPER)	2421									
BURIED CABLE (COPPER)	2423			•		1.0180				
UNDRGRNO CBL (COPPER)	2422									
CO EGPT - P GAIN	2211									
CO EGPT . ESS	2212					0.8890	t			
MCE&P - CO	2212					0.8890				
CO EGPT - MFT	2212					1.0690				
HCE&P · MFT	2212					1.0690				
AERIAL CABLE (FIBER)	2421									
BURIED CABLE (FIBER)	2423									
UNDRGRND CBL (FIBER)	2422									
POLE LINE	2411					1.0910				
CONDUIT	2441					1.0250				
				•						

SUBTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

WORKSHEET C

DATE = 22-Sep-94

TIME= 10:39 AM

WEIGHTING DEVELOPMENT OF GAUGES FOR COPPER TECHNOLOGY

SERVICE CLASS=

LIAL-NOWINTEGRATED

LOOP LENGTH (FEET) =

1000.00

	(A)	(8)	(C)	(D=A+C)	(8°C)
			% QF	ADJ.	ADJ.
DESC.	DTC	PFI	OCCURENCE	DTC	PFI
	*****	*****		********	******
PBA26		0.043627	1.000000		
P8826		0.030047	1.000000		
PBU26		0.022545	1.000000		
PBA24		0.053737			
P8824		0.037814			
PBU24		0.028173	•		
PBAZZ		0.079861			
P8822		0.059701			
PBU22		0.045097			

Total = 3.000000

Total

3.00

ot = 1.000000

MATRIX 2	MATRIX 4
MELDED DISTRIBUTION	MELDED PAIR
TO CODE	FOOT INVESTMENT
*******	***************************************
AERIAL	AERIAL
BURIED	BURIED
UNDERG	UNDERG

THEORETICAL RESISTANCE DESIGN

	• • • • • • • • • • • • • • • • • • • •	PERCENTAGE		FOOTAGI					
FOOTAGES	26 GA	24 GA	22 GA	26 GA	24 GA				
•••••	•••••	•••••	•••••	******	• • • • • • • • • • • • • • • • • • • •				
1000	1.0000			1000.00					
2000	1.0000			2000.00					
3000	1.0000			3000.00					

WORKSHEET

FACILITY TYPE:

COPPER CABLE

DATE = 22-Sep-94 TIME= 10:40 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

LOOP LENGTH		MATRIX 2 RELATIVE	MATRIX 3	MATRIX 4 CABLE	. MATRIX 5	MATRIX 6	MATRIX 7	MATRIX 8	MATRIX 9 WEIGHTED
IN FEET	TYPE OF	MIX OF CABLE	LENGTH BY TYPE	INVESTMENT PER	CABLE INVESTMENT	WEIGHTED TERMINAL	AIR DRYER INVESTMENT	DROP WIRE	DROP WIRE
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	PER PAIR	PER PAIR
2000.00	AERIAL	0.132308							

PAGE -/-

26 GAUGE

BURIED

COPPER

UNDERGRND CASLE

1.000000

AERIAL DROP INV.= BURIED DROP INV.= PROB. OF AERIAL DROP= PROS. OF BURIED DROP= PROS IBC =

INTRA BLDG CBLE = BLDG ENTR. CBLE =

PROS BEC =

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS =

AERIAL TERM INV= PROB. BURIED TERM.= SURIED TERM INV=

PROB. AERIAL TERM.=

MISC. COMMON EQPT. & POWER FACTOR (377C)= MCEEP INVESTMENT (CO CONN x FACTOR) =

HFT INVESTMENT =

POLE LINE FACTOR = POLE LINE INVESTMENT MFT PROBABILITY OF OCCURRENCE = TOTAL NFT INVESTMENT = (NOTE 5)

(TOTAL AER CA !NV x FACTOR)

MISC. COMMON EQPT. & POWER FACTOR (57C)=

MCE&P INVESTMENT (MFT x FACTOR) =

UG CONDUIT FACTOR =

LAND FACTOR =

CONDUIT INVESTMENT =

LAND NVST (CO CONN+MCE&P+MFT INV+MEC&P) x FACTOR =

(TOTAL UG CA INV x FACTOR)

BUILDING FACTOR =

BLDG NVST (CO CONN+MCE&P+MFT INV+MEC&P) x FACTOR =

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURENCE.

NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

NOTE 5: IF LOOP LENGTH IS < 9000 FT. = MFT INVESTMENT x PROBABILITY OF OCCURRENCE

IF LOOP LENGTH IS > 8999 FT. = MFT INVESTMENT

COPPER CABLE

SA-1 EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

2000

TIME= 10:40 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

			1990 INVES	•	INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION		1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY INCL. UTILIZATION		
(a)	(b)	(c) Fix ed	(q)	(e)		(f)	(g)	(h)	(1)	(I)
PLANT LTEM	USQA	VARI SUNK	LOOP TERM EQUIP	LINE HAUL	CIRCUIT		LINE HAUL EQUIP	LINE	LOOP TERM	LINE KAUL EQUIP
LAND	2111	٧			•			1.00		
BUILDING	2121	v			•					
BLDG ENTRANCE CBLE	2421	Ÿ						1.00		
INTRABLOG CABLE	2421	v			,			1.00		
AERIAL CABLE	2421	v			1			0.70		
TERM INV	2421	v			1			0.70		
AIR DRYER	2421	v			•			0.70		
DROP WIRE	2421	v			•			0.70		
JRIED CABLE	2423	v			1			0.70		
TERM INV	2423	Ÿ			'			0.70		
AIR DRYER	2423	v			•			0.70		
DROP WIRE	2423	v ·			•			0.70		
UNDERGROUND CABLE	2422	v			•			0.70		
AIR DRYER	2422	v			1			0.70		
DROP WIRE	2422	v			•			0.70		
CO EQPT - ESS	2212	v			1			0.70		
MCEAP - CO	2212	v			1			0.70		
CO EQPT - MFT	2212	v			1			1.00		
MCE&P - MFT	2212	v			1			1.00		
POLE LINE	2411	v			1			0.70		
CONDUIT	2441	v	•		1			0.70		
		•			•					

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

COPPER CABLE

SB EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

2000

TIME= 10:40 AM

STATE: florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 INVESTI				FOTAL ANNUAL	1990 TOTAL MONTHLY COSTS		
(a)	(b)	(c)	(d)	(e) Annual	(f)	(g)	(1)	(])	
	USQA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP	
*********		•••••	•••••	*****	•••••	••••••		••••••	
LAND	2111			12.0000	•				
BUILDING	2121			12.0000					
BLDG ENTRANCE CBLE	2421			12.0000					
INTRABLDG CABLE	2421			12.0000					
AERIAL CABLE (COPPER)	2421			12.0000					
BURIED CABLE (COPPER)	2423			12.0000					
UNDRGRND CBL (COPPER)	2422			12.0000					
CO EQPT . P GAIN	2211			12.0000					
CO EQPT - ESS	2212			12.0000					
MCEEP - CO	2212			12.0000					
CO EQPT . MFT	2212			12.0000					
MCEEP - MFT	2212			12.0000					
AERIAL CABLE (FIBER)	2421	\sim		12.0000					
BURIED CABLE (FIBER)	2423			12.0000					
UNDRGRND CABLE (FIBER	2422			12.0000					
POLE LINE	2411			12.0000					
CONDUIT	2441			12.0000					
·	SUBTOTALS	• • • •				i			
	TOTALS					i			

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EQPT - ESS = CONNECTORS + MISC. CPEE.

COPPER CABLE

CIRCUIT QUANTITY:

1

DATE = 22-Sep-94 TIME= 10:40 AM

LOOP DISTANCE (FT):

2000

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

50 EQV.

(a) (b) (c) (d) (e) (f) 1990 (g) (h) (i) (j) TO TO TO TO USOA LOOP TERM LINE HAUL LOOP TERM LINE HAUL PLANT ITEM CODE EQUIP EQUIP EQUIP EQUIP TPI EQUIP EQUIP EQUIP EQUIP BUILDING 2111 BUILDING 2121 1.0830 BLDG ENTRANCE CBLE 2421 1.0830 BLDG CABLE (COPPER) 2421 AERIAL CABLE (COPPER) 2421 UNORGRND CBL (COPPER) 2422 CO EQPT - P GAIN 2211 CO EQPT - ESS 2212 MCEAP - CO 2212 CO EQPT - MFT 2212 1.0690 MCEAP - MFT 2212 1.0690 TO 1990 (g) (h) (i) (j) (j) (j) (j) (j) (j) (j) (j)		٠	1990 Total Annual Costs		1990 TOTAL MONTHLY COSTS			1993 TOTAL A COST		1993 TOTAL MONTHLY COSTS	
LAND 2111 1.0000 EQUIP EQUIP	(a)	(p)	(c)	(d)	(0)	(f)		(g)	(h)	(i) '	(j)
PLANT ITEM CODE EQUIP EQUIP EQUIP EQUIP TPI EQUIP EQUIP EQUIP EQUIP LAND 2111 1.0000 BUILDING 2121 1.0830 BLDG ENTRANCE CBLE 2421 1.0020 INTRABLDG CABLE 2421 0.9920 AERIAL CABLE (COPPER) 2421 1.0020 BURIED CABLE (COPPER) 2423 1.0180 UNORGRND CBL (COPPER) 2422 0.9920 CO EQPT - P GAIN 2211 CO EQPT - ESS 2212 0.8890 MCEEP - CO 2212 0.8890 MCEEP - MFT 2212 1.0690		LISOA	IOOD TESM	I THE HAIR	I COO TERM	I THE MAIN		1000 TERM	1 THE UATH	1000 TERM	1 1112 4114
LAND 2111 1.0000 BUILDING 2121 1.0830 BLOG ENTRANCE CBLE 2421 1.0020 INTRABLDG CABLE 2421 0.9920 AERIAL CABLE (COPPER) 2421 1.0020 BURIED CABLE (COPPER) 2423 1.0080 UNORGRND CBL (COPPER) 2422 0.9920 CO EQPT - P GAIN 2211 CO EQPT - ESS 2212 0.8890 MCE&P - CO 2212 0.8890 CC EQPT - MFT 2212 1.0690 MCE&P - MFT 2212 1.0690	PLANT ITEM										
BUILDING 2121 1.0830 BLDG ENTRANCE CBLE 2421 1.0020 INTRABLDG CABLE 2421 0.9920 AERIAL CABLE (COPPER) 2421 1.0020 BURIED CABLE (COPPER) 2423 1.0180 UNDRGRND CBL (COPPER) 2422 0.9920 CO EQPT - P GAIN 2211 CO EQPT - ESS 2212 0.8890 MCE&P - CO 2212 0.8890 CO EQPT - MFT 2212 1.0690 MCE&P - MFT 2212 1.0690			*******				•••••				
BLDG ENTRANCE CBLE 2421 1.0020 INTRABLDG CABLE 2421 0.9920 AERIAL CABLE (COPPER) 2421 1.0020 BURIED CABLE (COPPER) 2423 1.0180 UNDRGRND CBL (COPPER) 2422 0.9920 CO EQPT - P GAIN 2211 CO EQPT - ESS 2212 0.8890 MCE&P - CO 2212 0.8890 CO EQPT - MFT 2212 1.0690 MCE&P - MFT 2212 1.0690	LAND	2111					1.0000				
BLDG ENTRANCE CBLE 2421 1.0020 INTRABLDG CABLE 2421 0.9920 AERIAL CABLE (COPPER) 2421 1.0020 BURIED CABLE (COPPER) 2423 1.0180 UNDRGRND CBL (COPPER) 2422 0.9920 CO EQPT - P GAIN 2211 CO EQPT - ESS 2212 0.8890 MCE&P - CO 2212 0.8890 CO EQPT - MFT 2212 1.0690 MCE&P - MFT 2212 1.0690	BUILDING	2121					1.0830				
AERIAL CABLE (COPPER) 2423 1.0180 UNDRGRND CBL (COPPER) 2422 0.9920 CO EQPT - P GAIN 2211 CO EQPT - ESS 2212 0.8890 MCEAP - CO 2212 0.8890 CO EQPT - MFT 2212 1.0690 MCEAP - MFT 2212 1.0690	BLOG ENTRANCE CBLE	2421									
BURIED CABLE (COPPER) 2423 1.0180 UNDRGRND CBL (COPPER) 2422 0.9920 CO EQPT - P GAIN 2211 CO EQPT - ESS 2212 0.8890 MCEAP - CO 2212 0.8890 CO EQPT - MFT 2212 1.0690 MCEAP - MFT 2212 1.0690	INTRABLDG CABLE	2421					0.9920				
UNDRGRND CBL (COPPER) 2422 CO EQPT - P GAIN 2211 CO EQPT - ESS 2212 MCEAP - CO 2212 CO EQPT - MFT 2212 MCEAP - MFT 2212 1.0690	AERIAL CABLE (COPPER)	2421					1.0020				
CO EQPT - P GAIN 2211 CO EQPT - ESS 2212 0.8890 MCEEP - CO 2212 0.8890 CO EQPT - MFT 2212 1.0690 MCEEP - MFT 2212 1.0690	BURIED CABLE (COPPER)	2423					1.0180				
CO EQPT - ESS 2212 0.8890 MCEEP - CO 2212 0.8890 CO EQPT - MFT 2212 1.0690 MCEEP - MFT 2212 1.0690	UNDRGRND CBL (COPPER)	2422					0.9920				
MCEEP - CO 2212 0.8890 CO EQPT - MFT 2212 1.0690 MCEEP - MFT 2212 1.0690	CO EQPT - P GAIN	2211						•			
CO EQPT - MFT 2212 1.0690 MCEEP - MFT 2212 1.0690	CO EGPT - ESS	2212					0.8890				
MCEEP - MFT 2212 1.0690	MCE&P - CO	2212					0.8890				
· · · · · · · · · · · · · · · · · · ·	CO EQPT - MFT	2212					1.0690				
ACDIAL CAGLE (CIDEA) 3/34	MCEAP - MFT	2212					1.0690				
ACKIAL LABLE (FIDER) CACI	AERIAL CABLE (FIBER)	2421									
BURIED CABLE (FIBER) 2423	BURIED CABLE (FIBER)	2423									
UNDRGRND CBL (FIBER) 2422	UNDRGRNO CBL (FIBER)	2422									
POLE LINE 2411 1.0910	POLE LINE	2411					1.0910				
CONDUIT 2441 1.0250	CONDUIT	2441					1.0250			·	

SUBTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

WORKSHEET C

DATE = 22-Sep-94

TIME= 10:40 AM

WEIGHTING DEVELOPMENT OF GAUGES FOR COPPER TECHNOLOGY

SERVICE CLASS=

LIAL-NONINTEGRATED

LOOP LENGTH (FEET) =

2000.00

	(A)	(8)	(C)		(D=A*C)	(B*C)
			% OF		ADJ.	ADJ.
DESC.	DTC	PFI	OCCURENCE		DTC	PFI
*****	****	****		•	*********	******
PBA26			1.000000	}		
P8826			1.000000			
PBU26			1.000000			
PBAZ4						
PBB24						
P8U24						
PBA22						
P8822						
PBU22						
Total=	3.000000	Te	otal= 3.00	Tot =	1.000000	

·····MATRIX	2	·····MATRIX	4
ÆLDED DISTRIE	RUTION	MELDED PAIR	
LO CODE		FOOT INVESTME	NT
***********	•••••	**********	• • • • • • • • • • • • • • • • • • • •
NERIAL	#5	AERIAL	#6
BURIED	#5	BURIED	#6
JNDERG	#5	UNDERG	#6
	000000		

THEORETICAL RESISTANCE DESIGN

	• • • • • • • • • • • • • • • • • • • •	PERCENTAGE	• • • • • • • • • • •	*********	·-FOOTAGE
FOOTAGES	26 GA	24 GA	22 GA	26 GA	24 GA
•••••	•••••	•••••	•••••		******
1000	1.0000			1000.00	
2000	1.0000			2000.00	
3000	1.0000		•	3000.00	

WORKSHEET

FACILITY TYPE:

COPPER CABLE

DATE = 22-Sep-94
TIME= 10:41 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

LOOP		MATRIX 2	MATRIX 3	MATRIX 4	MATRIX 5	MATRIX 6	MATRIX 7	MATRIX 8	MATRIX 9
LENGTH		RELATIVE	LOOP	CABLE					WEIGHTED
IN FEET	TYPE OF	MIX OF	LENGTH	INVESTMENT	CABLE	WEIGHTED	AIR DRYER	DROP WIRE	DROP WIRE
AND	CABLE	CABLE	BY TYPE	PER	INVESTMENT	TERMINAL	INVESTMENT	ADJUSTMENT	ADJUSTMENT
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	PER PAIR	PER PAIR
•••••			•••••	*****	•••••				

3000.00 AERIAL

PAGE -12-

26 GAUGE

BURIED

COPPER

CABLE

UNDERGRND

1.000000

AERIAL DROP INV.=

JURIED DROP INV.=

INTRA BLDG CBLE =

BLOG ENTR. CBLE =

PROB. AERIAL TERM.=

AERIAL TERM INV#

PROB. BURIED TERM.=

BURIED TERM INV# -

POLE LINE FACTOR =

POLE LINE INVESTMENT

(TOTAL AER CA INV x FACTOR)

UG CONDUIT FACTOR =

CONDUIT INVESTMENT =

(TOTAL UG CA INV x FACTOR)

PROB. OF AERIAL DROP=

PROB. OF BURIED DROP=

PROB 18C =

PROB BEC =

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS =

MISC. COMMON EQPT. & POWER FACTOR (377C)=

MCEAP INVESTMENT (CO CONN x FACTOR) =

MFT INVESTMENT =

MFT PROBABILITY OF OCCURRENCE =

TOTAL MFT INVESTMENT = (NOTE 5)

MISC. COMMON EQPT. & POWER FACTOR (57C)=

MCEAP INVESTMENT (MFT x FACTOR) =

LAND FACTOR =

LAND NVST (CO CONN+MCE2P+MFT INV+MEC2P) x FACTOR =

BUILDING FACTOR =

BLDG NYST (CO CONN+MCEEP+MFT INV+MECEP) x FACTOR =

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURENCE.

NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

NOTE 5: IF LOOP LENGTH IS < 9000 FT. = MFT INVESTMENT x PROBABILITY OF OCCURRENCE

IF LOOP LENGTH IS > 8999 FT. = MFT INVESTMENT

COPPER CABLE

DATE = 22-Sep-94 TIME= 10:41 AM

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

3000

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

SA-1 EQV.

			1990 UNIT		1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY EXCL. UTILIZATION			1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY INCL. UTILIZATION		
(a) ·	(p)	(c)	(d)	(e)		(f)	(g)	(h)	(1)	(I)
		FIXED		<u>.</u>						
	USOA	VARI		LINE HAUL	CIRCUIT		LINE HAUL	LINE		LINE RAUL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	Ednth	EQUIP	FILL	EQUIP	EQUIP
				,						
LAND	2111	V			i			1.00	•	
BUILDING	2121	٧			. 1			1.00		
BLOG ENTRANCE CBLE	2421	٧			-1			1.00		
INTRABLDG CABLE	2421	, V			1			1.00		
AERIAL CABLE	2421	٧			1			. 0.70	•	
TERM INV	2421	V	÷.		1			0.70		
AIR DRYER	2421	V	1.54		1			0.70		
DROP WIRE	2421	٧			1			0.70		
SURIED CABLE	2423	. V			1			0.70		
TERM INV	2423	٧			1			0.70		
AIR DRYER	2423	٧			1			0.70		
DROP WIRE	2423	. V			1			0.70		
UNDERGROUND CABLE	2422	٧			1			0.70		
AIR DRYER	2422	. V			1			0.70		
DROP WIRE	2422	. V			1			0.70		
CO EQPT - ESS	2212	V			1			0.70	,	
MCE&P - CO	2212	. V:			1			0.70		
CO EQPT - MFT	2212	· v			1			1.00		
MCEAP - MFT	2212	V			1	·		1.00		
POLE LINE	2411	٧			1			0.70		
CONDUIT	2441	V			1		:	0.70		

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

COPPER CABLE

58 EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

3000

TIME= 10:41 AM

STATE: Florida

SERVICE CLASS: LIAL-NOMINTEGRATED

		1990 INVESTI			1990 TOTAL ANNUAL COSTS		COSTS	
(a)	(b)	(c)	(d)	(e) Annual	(f)	(g)	(1)	(j)
e e	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
**********		******	*******	•••••	********		******	•••••
LAND	2111			12.0000	•			•
BUILDING	2121			12,0000	1			
BLDG ENTRANCE CBLE	2421			12.0000				
INTRABLOG CABLE	2421			12.0000				
AERIAL CABLE (COPPER)	2421			12.0000				
BURIED CABLE (COPPER)	2423			12,0000				
UNDRGRND CBL (COPPER)	2422		ئ <u>ې</u>	12.0000				
CO EOPT - P GAIN	2211			12.0000				
CO EQPT . ESS	2212			12.0000				
MCELP - CO	2212			12.0000				
CO EGPT - MFT	2212			12.0000				
MCEEP - MFT	2212			12.0000				
AERIAL CABLE (FIBER)	2421			12.0000	•			
BURIED CABLE (FIBER)	2423			12.0000				
UNDRGRND CABLE (FIBER	2422			12.0000				
POLE LINE	2411			12.0000				
CONDUIT	2441			12,0000				

SUBTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EQPT - ESS = CONNECTORS + MISC. CPRE.

COPPER CABLE

CIRCUIT QUANTITY:

1

DATE = 22-Sep-94 TIME= 10:41 AM LOOP DISTANCE (FT):

3000

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

50 EQV.

	•	1990 TOTAL A COSTS		1990 TOTAL HOI	ITHLY COSTS		1993 TOTAL A COST		1993 TOTAL MONT	HLY COSTS
(a)	(b)	(c)	(d)	(e)	(f)	1990	(g)	(h)	(i)	(j)
PLANT ITEM	USQA	LOOP TERM EQUIP	LINE HAUL EQUIP	LOOP TERM	LINE HAUL EQUIP	10 1993 TPI	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL EQUIP
*********			********			*****	*****	••••••	•	********
LAND	2111				•	1.0000				
BUILDING	2121					1.0830	!			
BLDG ENTRANCE CBLE	2421					1.0020	;			
INTRABLOG CABLE	2421			:		0.9920				
AERIAL CABLE (COPPER)	2421			•		1.0020	,		٠.	
BURIED CABLE (COPPER)	2423					1.0180			V 2	
UNDRGRNO CBL (COPPER)	2422			·		0.9920	rieja di •		i. i	;
CO EQPT - P GAIN	2211			•						
CO EQPT . ESS	2212					0.8890				
MCEEP - CO	2212					0.8890	•			
CO EQPT - MFT	2212					1.0690				
MCEAP - MFT	2212					1.0690		,		
AERIAL CABLE (FIBER)	2421									
BURIED CABLE (FIBER)	2423		•			•				
UNDRGRND CBL (FIBER)	2422				•		•	٠.		
POLE LINE	2411					1.0910		- 1. T. F.		
CONDUIT	2441					1.0250				

SUBTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

WORKSHEET C

DATE = 22-Sep-94

TIME= 10:41 AM

WEIGHTING DEVELOPMENT OF GAUGES FOR COPPER TECHNOLOGY

SERVICE CLASS=

LIAL-NONINTEGRATED

LOOP LENGTH (FEET) =

3000.00

DESC.	DTC	(B) PFI	(C) X OF OCCURENCE	(D=A*C) ADJ. DTC	(B*C) Adj. Pfi
PBA26 PBB26 PBU26 PBA24		• • • • • • • • • • • • • • • • • • •	1.000000 1.000000 1.000000	•	••••••
P8824 P8U24 P8A22 P8B22 P8U22			•		

Total= 3.000000

Total

3.00

t = 1.000000

KA	TRIX 2	MATRIX	4
MELDED DIS	STRIBUTION	MELDED PAIR	· · · · · ·
TO CODE		FOOT INVESTME	NT
********	•••••	*********	• • • • • • • • • • • • • • • • • • • •
AERIAL	#5	AERIAL	#6
BURIED	#5	BURIED	#6
UNDERG	#5	UNDERG	#6
Total =	1.000000		

THEORETICAL RESISTANCE DESIGN

	• • • • • • • • • • • • • • • • • • • •	PERCENTAGE	********	*********	-FOOTAGE
FOOTAGES	26 GA	24 GA	22 GA	26 GA	24 GA
•••••	******	******	•••••	******	
1000	1.0000			1000.00	
2000	1.0000			2000.00	
3000	1.0000	•		3000.00	

WORKSHEET

FACILITY TYPE:

COPPER CABLE

DATE = 22-Sep-94 TIME= 10:42 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

LOOP LENGTH	•	MATRIX 2 RELATIVE	HATRIX 3	MATRIX 4 CABLE	" MATRIX 5	MATRIX 6	MATRIX 7		MATRIX 9
IN FEET	TYPE OF	MIX OF	LENGTH	INVESTMENT	CABLE	WEIGHTED	AIR DRYER	DROP WIRE	DROP WIRE
AND	CABLE	CABLE	BY TYPE	PER	INVESTMENT	TERMINAL	INVESTMENT	ADJUSTMENT /	ADJUSTMENT
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	PER PAIR	PER PAIR
•••••••	••••	•••••	•••••	******				••••••	• • • • • • • • • • • • • • • • • • • •

4000.00 AERIAL

26 GAUGE

BURLED

COPPER

CABLE

UNDERGRND

1.000000

AERIAL DROP INV.=

FURIED DROP INV.=

INTRA BLDG CBLE =

BLDG ENTR. CBLE =

PROS. AERIAL TERM.=

PROB. BURIED TERM. =

POLE LINE FACTOR = ' POLE LINE INVESTMENT

(TOTAL AER CA INV x FACTOR)

AERIAL TERM INV=

BURIED TERM INV=

PROB. OF AERIAL DROP=

PROB. OF BURIED DROP=

PROB IBC =

PROB BEC =

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS =

MISC. COMMON EQPT. & POWER FACTOR (377C)=

MCELP INVESTMENT (CO CONN x FACTOR) =

MFT INVESTMENT =

MFT PROBABILITY OF OCCURRENCE =

TOTAL MFT INVESTMENT = (NOTE 5)

MISC. COMMON EQPT. & POWER FACTOR (57C)=

MCEEP INVESTMENT (MFT x FACTOR) =

UG CONDUIT FACTOR = LAND FACTOR =

CONDUIT INVESTMENT . LAND NVST (CO CONN+MCE&P+MFT INV+MEC&P) x FACTOR =

(TOTAL UG CA INV x FACTOR) **BUILDING FACTOR =**

BLDG NVST (CO CONN+MCE&P+MFT INV+MEC&P) x FACTOR =

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

NOTE 3: MATRIX 6 4 9 = INVESTMENT x PROBABILITY OF OCCURENCE.

NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

NOTE 5: IF LOOP LENGTH IS < 9000 FT. = MFT INVESTMENT x PROBABILITY OF OCCURRENCE

IF LOOP LENGTH IS > 8999 FT. = MFT INVESTMENT

COPPER CABLE

CIRCUIT QUANTITY:

1

DATE = 22-Sep-94

LOOP DISTANCE (FT):

4000

TIME= 10:42 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

SA-1 EQV.

			1990 UNIT INVESTMENTS			1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY EXCL. UTILIZATION			1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY INCL. UTILIZATION	
(a)	(b)	(c)	(d)	(e)	•	(f)	(g)	(h)	(1)	(I)
·		FIXED	·				·		·	
DIAUT ITEM	USOA	VARI	LOOP TERM		CIRCUIT		LINE HAUL	LINE		LINE HAUL
PLANT ITEM	CODE	SUNK	EOUIP	EOUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP
	****							,	********	
LAND	2111	v	•	:	. 1			1.00		
BUILDING	2121	·v			1			1.00		
BLDG ENTRANCE CBLE	2421	V			1			1.00		
INTRABLDG CABLE	2421	V			1			1.00		
AERIAL CABLE	2421	· v			1			0.70		
TERM INV	2421	Y			1			0.70	1	
AIR DRYER	2421	V.			1.			0.70	• •	
DROP WIRE	2421	٧			1			0.70		
RURIED CABLE	2423	٧			. 1			0.70		
TERM INV	2423	٧			1			0.70		
AIR DRYER	2423	V			1			0.70		
DROP WIRE	2423	V			1			0.70	•	
UNDERGROUND CABLE	2422	٧						0.70		
AIR DRYER	2422	V			1			0.70		
DROP WIRE	2422	٧			1			0.70		
CO EQPT - ESS	2212	٧			1			0.70	•	
MCE&P - CO	2212	. A						0.70	· .	
CO EQPT - MFT	2212	. V			. 1	•		1.00		
MCE&P - MFT	2212	V			- 1			1.00		
POLE LINE	2411	ν,			1			0.70		
CONDUIT	2441	٧			· 1			0.70		

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

COPPER CABLE

58 EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

4000

TIME= 10:42 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 I NVESTI	UNIT			TOTAL ANNUAL COSTS	1990 TOTAL MONTHLY COSTS	
(a)	(b)	(c)	(d)	(e) Annual	(f)	(g)	(i)	(I)
	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR -	EQUIP	EQUIP	EQUIP	EQUIP
*********	••••	••••		* ******		*******	*******	******
LAND	2111			12.0000	•			
BUILDING	2121			12,0000				
BLDG ENTRANCE CBLE	2421			12.0000				
INTRABLOG CABLE	2421			12,0000				
AERIAL CABLE (COPPER)	2421			12.0000		1		
BURIED CABLE (COPPER)	2423			12,0000		•		
UNDRGRND CBL (COPPER)	2422	. *		12.0000		•		
CO EQPT - P GAIN	2211			12.0000				
CO EQPT - ESS	2212			12.0000				
MCEAP - CO	2212			12.0000				
CO EOPT - NFT	2212			12.0000				
MCEEP - MFT	2212			12.0000				
AERIAL CABLE (FIBER)	2421			12.0000				
BURIED CABLE (FIBER)	2423			12.0000		*		
UNDRGRND CABLE (FIBER	2422			12.0000				
POLE LINE	2411			12.0000				
CONDUIT	2441			12.0000				

SUBTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EQPT - ESS = CONNECTORS + MISC. CP&E.

COPPER CABLE

4

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

4000

50 EQV.

TIME= 10:42 AM

STATE: Florida

SERVICE CLASS: LIAL-HONINTEGRATED

		1990 Total Annual Costs		1990 TOTAL MONTHLY COSTS			1993 TOTAL ANNUAL COSTS			HLY COSTS
(a)	(b)	(c)	(d)	(e)	(f)	1990 TO	(9)	(h)	(1)	(])
PLANT ITEM	CODE	LOOP TERM EQUIP	LINE HAUL EQUIP	LOOP TERM EQUIP	LINE HAUL EQUIP	1993 TPI	LOOP TERM EQUIP	LINE HAUL EQUIP	LOOP TERM EQUIP	LINE HAUL EQUIP
********			. • • • • • • • • • • • • • • • • • • •	•••••		•••••	•••••	•••••	*******	
LAND	2111	•				1.0000			•	
BUILDING	2121					1.0830				
BLDG ENTRANCE CBLE	2421				_	1.0020				
INTRABLOG CABLE	2421					0.9920				
AERIAL CABLE (COPPER)	2421					1.0020			•	
SURIED CABLE (COPPER)	2423					1.0180		ı		
UNORGRND CBL (COPPER)	2422			•		0.9920	M 10		e.	
CO EGPT . P GAIN	2211									
.O EQPT - ESS	2212	•				0.8890				
MCEEP - CO	2212					0.8890				
CO EQPT - MFT	2212					1.0690				
MCEAP - MFT	2212					1.0690.				
AERIAL CABLE (FIBER)	2421						÷			
BURIED CABLE (FIBER)	2423						•			
UNDRGRND CBL (FIBER)	2422									
POLE LINE	2411			·		1.0910				
CONDUIT	2441	•			•	1.0250				
· · · · · · · · · · · · · · · · · · ·										

SUBTOTALS .

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

WORKSHEET C

DATE = 22-Sep-94 TIME= 10:42 AM

WEIGHTING DEVELOPMENT OF GAUGES FOR COPPER TECHNOLOGY

SERVICE CLASS=

LIAL-NONINTEGRATED

LOOP LENGTH (FEET) =

4000.00

	(A)	. (B)		(C) % OF		(D=A*C) ADJ.	(B*C) ADJ.
DESC.	DTC	PFI	C	OCCURENCE		DTC	PFI
	****		••		•	********	*******
PBA26				1.000000			7
PB826				1.000000		i	,
PBU26				1.000000		C	
PBA24				·			
P8824							
PBU24		•					
PBA22		e.					
PB822		•					
PBUZZ				. "			
				•			
Total=	3.000000		-Total=	3.00	Tot =	1.000000	•
	****	MATRIX 2	•••	MATRI	x 4		

MAIKIX		XIXIAM	4
MELDED DISTRIB	UTION	HELDED PAIR	
TO CODE		FOOT INVESTME	NT :
	*****	**********	•••••••
AERIAL	#5	AERIAL	#6
BURIED	#5	BURTED	#6
UNDERG	#5	UNDERG	#6
Total = 1.	000000		

THEORETICAL RESISTANCE DESIGN

7,		***********	PERCENTAGE		FOOTAGE				
FO	OTAGES	26 GA	24 GA	22 GA	٠	26 GA 24 GA			
••		• • • • • • •	*****	•••••			•		
į.	1000	1.0000				1000.00			
	2000	1.0000				2000.00			
	3000	1.0000				3000.00			
						•			

WORKSHEET

FACILITY TYPE:

COPPER CABLE

DATE = 22-Sep-94 TIME= 10:43 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

LOOP		MATRIX 2	MATRIX 3	MATRIX 4	MATRIX 5	MATRIX 6	MATRIX 7	MATRIX 8	MATRIX 9
LENGTH		RELATIVE	LOOP	CABLE	. •				WEIGHTED
IN FEET	TYPE OF	MIX OF	LENGTH	INVESTMENT	CABLE	WEIGHTED	AIR DRYER	DROP WIRE	DROP WIRE
OKA	CABLE	CABLE	BY TYPE .	PER	INVESTMENT	TERMINAL	INVESTMENT	ADJUSTMENT A	ADJUSTMENT
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	PER PAIR	PER PAIR
••••••	••••	• • • • •	•••••	****** ′	•••••	********			• • • • • • • • • • • • • • • • • • • •

5000.00 AERIAL

PAGE -22-

26 GAUGE

BURIED

COPPER

CABLE UNDERGRND

1.000000

AERIAL DROP INV.=

BURIED DROP INV .=

INTRA BLDG CBLE =

BLDG ENTR. CBLE =

PROB. AERIAL TERM.=

AERIAL TERM INV=

PROB. BURIED TERM.=

SURIED TERM INV=

POLE LINE FACTOR =

POLE LINE INVESTMENT

(TOTAL AER CA INV x FACTOR)

CIDIAL VEK CY INA Y LYCIOS

UG CONDUIT FACTOR =

CONDUIT INVESTMENT =

(TOTAL UG CA INV x FACTOR)

PROB. OF AERIAL DROP=

PROB. OF BURIED DROP=

PROS IBC =

PROB BEC =

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS =

MISC. COMMON EQPT. & POWER FACTOR (377C)=

MCE&P INVESTMENT (CO CONN x FACTOR) =

MFT INVESTMENT =

MFT PROBABILITY OF OCCURRENCE =

TOTAL MFT INVESTMENT = (NOTE 5)

MISC. COMMON EQPT. & POWER FACTOR (57C)=

MCEAP INVESTMENT (MFT x FACTOR) =

LAND FACTOR =

LAND NVST (CO CONN+MCE&P+MFT INV+MEC&P) x FACTOR =

BUILDING FACTOR =

BLDG NVST (CO CONN+MCE&P+MFT INV+MEC&P) x FACTOR =

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURENCE.

NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

NOTE 5: IF LOOP LENGTH IS < 9000 FT. = MFT INVESTMENT x PROBABILITY OF OCCURRENCE

IF LOOP LENGTH IS > 8999 FT. = MFT INVESTMENT

COPPER CABLE

5A-1 EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

5000

TIME= 10:43 AM

STATE: Florida

SERVICE CLASS: LIAL-HONINTEGRATED

			1990 UNIT		· .	1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY EXCL. UTILIZATION			1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY INCL. UTILIZATION	
(a)	(b)	(c) FIXED	(d)	(e)	•	(f)	(g)	(h)	(1)	(I)
	USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	YTITHAUP	EQUIP	EQUIP	FILL	EQUIP	EQUIP
************		•••••	••••••						*******	********
LAND	2111	v ^r			1	•		1.00		
BUILDING	2121	` V			1			1.00	•	
BLDG ENTRANCE CBLE	2421	٧	•		1			1.00		
INTRABLDG CABLE	2421	. V			1			1.00		
AERIAL CABLE	2421	V			1			0.70		
TERM INV	2421	V			1			0.70		
AIR DRYER	2421	V	e. e.		1	' -		0.70		
DROP WIRE	2421	V .			1			0.70		
SURIED CABLE	2423	٧			1			0.70		
TERM INV	2423	٧	•		1			0.70	•	
AIR DRYER	2423	V ·			1			0.70		
DROP WIRE	2423	٧		1	1			0.70	١.	
UNDERGROUND CABLE	2422	٧			1			0.70		
AIR DRYER	2422	٧			1			0.70		
DROP WIRE	2422	٧			1			0.70		
CO EQPT - ESS	2212	V			1			0.70		
MCERP - CO	2212	٧			1			0.70		
CO EQPT - MFT	2212	· V.			1			1.00		
MCE&P - MFT	2212	V -			1			1.00		
POLE LINE	2411	٧			1			0.70		
CONDUIT	2441	V,			. 1			0.70		

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

COPPER CABLE

5B EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

5000

TIME= 10:43 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 INVESTI			TOTAL ANNUAL	1990 TOTAL HONTHLY COSTS		
(a)	(p)	(c)	(d)	(e) Annual	(f)	(9)	(1)	(J)
	USQA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP .	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
*******	****	******	*******		•••••		•••••	•••••
				7	•	e ·		
LAND	2111		-	12.0000				6
BUILDING	2121			12.0000		1		
BLDG ENTRANCE CBLE	2421	-		12.0000				
INTRABLOG CABLE	2421			12.0000				
AERIAL CABLE (COPPER)	2421			12.0000				
BURIED CABLE (COPPER)	2423	•		12.0000				
UNDRGRND CBL (COPPER)	2422			12.0000				,
CO EGPT - P GAIN	2211			12.0000		:		
CO EQPT - ESS	2212			12.0000				
MCE&P · CO	2212	•		12.0000		E .		
CO EQPT - MFT	2212			12.0000				
MCEEP . MFT	2212			12.0000				
AERIAL CABLE (FIBER)	2421			12.0000				•
BURIED CABLE (FIBER)	2423			12.0000				
UNDRGRND CABLE (FIBER	2422			12.0000				•
POLE LINE	2411			12,0000				•
CONDUIT	2441			12.0000				

SUBTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EQPT - ESS = CONNECTORS + MISC. CP&E.

COPPER CABLE

50 EQV.

CIRCUIT QUANTITY:

DATE = 22-Sep-94 TIME= 10:43 AM

LOOP DISTANCE (FT):

5000

STATE: Florida

SERVICE CLASS: LIAL-MONINTEGRATED

	19 TOTA CO			NUAL 1990 TOTAL MONTHLY COSTS			1993 TOTAL / COST	1993 TOTAL MONTHLY COSTS		
(a)	(b)	(c)	(d)	(e)	(f)	1990 TO	(9)	(h)	(i)	Ø
	USOÀ	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
**********	••••	********.		•••••	•••••	•••••	********	•••••	*******	*******
				•						
LANO	2111				• .	1.0000	•			
BUILDING	2121					1.0830				
BLDG ENTRANCE CBLE	2421					1.0020				
INTRABLDG CABLE	2421					0.9920				
AERIAL CABLE (COPPER)	2421			•		1.0020		•	•	
BURIED CABLE (COPPER)	2423	·		·		1.0180			Seg.	
UNDRGRND CBL (COPPER)	2422				•	0.9920				
CO EQPT - P GAIN	2211					11.				
CO EQPT - ESS	2212					0.8890				
MCE&P - CO	2212					0.8890				
CO EQPT - MFT	2212					1.0690			•	
MCE&P - MFT	2212					1.0690				
AERIAL CABLE (FIBER)	2421				* *					
BURIED CABLE (FIBER)	2423							٠.		•
UNDRGRND CBL (FIBER)	2422									
POLE LINE	2411					1.0910				
CONDUIT	2441					1.0250				

SUBTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

WORKSHEET C

DATE = 22-Sep-94 TIME= 10:43 AM

WEIGHTING DEVELOPMENT OF GAUGES FOR COPPER TECHNOLOGY

SERVICE CLASS=

2000

3000

1.0000

1.0000

LIAL-NONINTEGRATED

ι	OOP LENGTH	(FEET) =	5000.00					•
DESC.	(A)		(B) PFI		(C) % OF OCCURENCE		(D=A*C) ADJ. DTC	(B*C) Adj. Pfi
••••			****		_,**********	,		
PBA26 PBB26 PBU26					1.000000 1.000000 1.000000			-
PBA24 PB824 PBU24				•		· .		
PBA22 PBB22		·				•		
PBU22				·			•	
Total=	3.000000			Total	= 3.00	Tot =	1.000000	
· .		MELDED DIS	RIX 2 Tribution		MELDED PAIR FOOT INVEST			
•	•	AERIAL	,	#5	AERIAL		#6	
		BURIED UNDERG		#5 #5	BUR I ED UNDERG		#6 #6	
		Total =	1,000000)	•			
THEORETICA	AL RESISTAN	CE DESIGN -PERCENTAGE				· · FOOTAGE •		
FOOTAGES	26 GA	24 GA	22 GA		26 GA	24 GA	7	
		•••••			******	•••••		
1000	1.0000				1000.00			

2000.00

3000.00

WORKSHEET

FACILITY TYPE:

COPPER CABLE

DATE = 22-Sep-94 TIME= 10:44 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

LOOP		MATRIX 2	MATRIX 3	MATRIX 4	MATRIX 5	MATRIX 6	HATRIX 7	MATRIX 8	MATRIX 9
LENGTH		RELATIVE	LOOP	CABLE			•		WEIGHTED
IN FEET	TYPE OF	MIX OF	LENGTH	INVESTMENT	CABLE	WE I GHTED	AIR DRYER	DROP WIRE	DROP WIRE
AND	CABLE	CABLE	BY TYPE	PER	INVESTMENT	TERMINAL	INVESTMENT	ADJUSTMENT	ADJUSTMENT
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	PER PAIR	PER PAIR
		*****		*****					********

6000.00 AERIAL

PAGE -27-

26 GAUGE

BURIED

COPPER

CABLE UNDERGRND

1.000000

AERIAL DROP INV.=

JURIED DROP INV.=

INTRA BLDG CBLE =

SLOG ENTR. CBLE =

PROB. AERIAL TERM.=

AERIAL TERM INV=

PROB. SURIED TERM.=

BURIED TERM INV=

POLE LINE FACTOR =

POLE LINE INVESTMENT

(TOTAL AER CA INV x FACTOR)

UG CONDUIT FACTOR =

CONDUIT INVESTMENT =

(TOTAL UG CA INV x FACTOR)

PROB. OF AERIAL DROP=

PROB. OF BURIED DROP=

PROB IBC =

PROB BEC =

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS =

MISC. COMMON EQPT. & POWER FACTOR (377C)=

MCE&P INVESTMENT (CO CONN x FACTOR) =

MFT INVESTMENT =

MFT PROBABILITY OF OCCURRENCE =

TOTAL MFT INVESTMENT = (NOTE 5)

MISC. COMMON EQPT. & POWER FACTOR (57C)=

MCEAP INVESTMENT (MFT x FACTOR) =

LAND FACTOR =

LAND NVST (CO CONN+MCE&P+MFT INV+MEC&P) x FACTOR =

BUILDING FACTOR =

BLDG NVST (CO CONN+MCE&P+MFT INV+MEC&P) x FACTOR =

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURENCE.

HOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

NOTE 5: IF LOOP LENGTH IS < 9000 FT. = MFT INVESTMENT x PROBABILITY OF OCCURRENCE

IF LOOP LENGTH IS > 8999 FT. = MFT INVESTMENT

COPPER CABLE

DATE $= 22 \cdot \text{Sep-94}$

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

6000

TIME= 10:44 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

5A-1 EQV.

			1990 UNIT INVESTMENTS		1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY EXCL. UTILIZATION		ENTS FOR QUANTITY		1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY INCL. UTILIZATION	
(a)	(b)	(c) FIXED	(d)	(e)		(f)	(g)	(h)	(I)	(I)
	USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP
	••••	*****		******	•••••	•••••		.****	*******	•••••
LAND	2111	٧			1	•		1.00		
SUILDING	2121	V			1			1.00		
BLDG ENTRANCE CBLE	2421	. 🗸			1			1.00		
INTRABLOG CABLE	2421	V			- 1			1.00		
AERIAL CABLE	2421	٧			1			0.70		
TERM INV	2421	. V			1			0.70	+	
AIR DRYER	2421	V			1			0.70		
DROP WIRE	2421	٧			1			0.70		
SURIED CABLE	2423	٧			1			0.70		
TERM INV	2423	٧	•		1			0.70		
AIR DRYER	2423	V			1			0.70		
DROP WIRE	2423	٧			1			0.70		
UNDERGROUND CABLE	2422	. V			. 1			0.70		
AIR DRYER	2422 -	٧			1			0.70		
DROP WIRE	2422	٧			1			0.70		
CO EGPT - ESS	2212	٧			1			0.70	-	
MCEEP - CO	2212	٧			1			0.70		
CO EOPT . MFT	2212	· • • • •	•		1			1.00		
HCE&P - MFT	2212	V			1			1.00		
POLE LINE	2411	٧			1			0.70		
CONDUIT	2441	Ý			1			0.70		

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

HOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

COPPER CABLE

58 EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

6000

TIME= 10:44 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

·		1990 I NVESTI	UNIT MENTS			TOTAL ANNUAL COSTS	1990 TOTAL MONTHLY COSTS		
. (a)	(b)	(c)	(d)	(e) Annual	(f)	(g)	(1)	(j)	
•	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP	
*********	••••	*******		*****		•••••	******	•••••	
LAND	2111			12.0000	•	<u>:</u>			
BUILDING	2121			12.0000		1			
BLDG ENTRANCE CBLE	2421			12.0000					
INTRABLOG CABLE	2421			12.0000				٠	
AERIAL CABLE (COPPER)	2421			12.0000					
SURIED CABLE (COPPER)	2423			12,0000		;			
UNDRGRND CBL (COPPER)	2422		:	12.0000					
CO EQPT - P GAIN	2211			12,0000					
JO EQPT - ESS	2212			12.0000					
MCEEP - CO	2212			12.0000		•			
CO EQPT - MFT	2212			12.0000		. •			
MCELP - MFT	2212			12.0000					
AERIAL CABLE (FIBER)	2421			12.0000					
BURIED CABLE (FIBER)	2423			12.0000			-		
UNDRGRND CABLE (FIBER	2422			12.0000					
POLE LINE	2411			12.0000				·	
CONDUIT	2441		•	12.0000					

SUBTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EQPT - ESS = CONNECTORS + MISC. CP&E.

STATE: Florida

COPPER CABLE

DATE = 22-Sep-94 TIME= 10:44 AM

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

6000

SERVICE CLASS: LIAL-NONINTEGRATED

50 EQV.

		1990 TOTAL ANNUAL COSTS		1990 TOTAL MONTHLY COSTS			1993 Total Annual Costs		1993 TOTAL MONTHLY COSTS	
(a) ·	(b)	(c)	(d)	(e)	(f)	1990 TO	(g)	(h)	(i)	(D)
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	I INF HALIL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
**********		********	•••••		******	•••••	*******			••••••
LAND	2111					1.0000		-		
BUILDING	2121					1.0830				:
BLDG ENTRANCE CBLE	2421					1.0020				
INTRABLDG CABLE	2421					0.9920				
AERIAL CABLE (COPPER)	2421			٠		1.0020				
BURIED CABLE (COPPER)	2423					1.0180				
UNORGRNO CEL (COPPER)	2422					0.9920				
CO EOPT - P GAIN	2211									
CO EQPT - ESS	2212					0.8890				
HCEEP - CO	2212					0.8890				
CO EOPT - MFT	2212					1.0690				
MCE&P · MFT	2212					1.0690				
AERIAL CABLE (FIBER)	2421									
BURIED CABLE (FIBER)	2423									
UNDRGRND CBL (FIBER)	2422	•				,				
POLE LINE	2411					1.0910				
CONDUIT	2441					1.0250				
	SUBTOTALS	s.					\$			

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

WORKSHEET C

DATE = 22-Sep-94 TIME= 10:44 AM

WEIGHTING DEVELOPMENT OF GAUGES FOR COPPER TECHNOLOGY

1000

2000

3000

1.0000

1.0000

1.0000

LIAL-NONINTEGRATED

LOOP LENGTH (FEET) =

6000.00

			•					
	(A)	•	(B)		(C) % OF		(D=A*C) ADJ.	(B*C
DESC.	DTC		PFI		OCCURENCE		DTC	. LOA
			****		OCCURENCE	· _	UIC	PFI
PBA26				•	1.000000	1		*****
P8826					1.000000			
PBUZ6					1.000000			
PBA24					1.00000			
PBB24								
PBU24								
PBA22								
PBB22								
PBU22								
Total=	3.000000		RIX 2	Total=			1.000000	
		MELDED DIS		,	HELDED PAIN		••	
		TO CODE	181001108		FOOT INVEST			
				• •	***********	···	•	
		AERIAL		#5	AERIAL		#6	
•		SUR 1ED		#5	SURIED		#6	
		UNDERG		#5	UNDERG		#6	e e
		Total = .	1.000000	1 1			•	
THEORETICA	L RESISTAN							•
FOOTAGES	26 GA	-PERCENTAGE 24 GA	22 GA	•		FOOTAGE-	•••••	•
· · · · · · · ·	20 W	24 UA	26 W		26 GA	24 GA	100	
			******			******	•	•

1000.00

2000.00

3000.00

WORKSHEET

FACILITY TYPE:

COPPER CABLE

DATE = 22-Sep-94 TIME= 10:45 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

LOOP LENGTH		MATRIX 2 RELATIVE	MATRIX 3 LOOP	MATRIX 4 CABLE	MATRIX 5	MATRIX 6	MATRIX 7	MATRIX 8	MATRIX 9 WEIGHTED
IN FEET	TYPE OF	MIX OF	LENGTH	INVESTMENT	CABLE	WEIGHTED	AIR DRYER	DROP WIRE	DROP WIRE
AND	CABLE	CABLE	BY TYPE	PER	INVESTMENT	TERMINAL	INVESTMENT	ADJUSTMENT	ADJUSTMENT
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	PER PAIR	PER PAIR
	••••	•••••	•••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	

7000.00 AERIAL

PAGE -32-

26 GAUGE

SURIED

COPPER

CABLE UNDERGRND

1.000000

AERIAL DROP INV.=

SURIED DROP INV .=

INTRA BLDG CBLE =

BLDG ENTR. CBLE =

PROB. AERIAL TERM.=

AERIAL TERM INV=

PROB. BURIED TERM.=

BURIED TERM INV*

POLE LINE FACTOR =

POLE LINE INVESTMENT

(TOTAL AER CA INV x FACTOR)

UG CONDUIT FACTOR =

CONDUIT INVESTMENT =

(TOTAL UG CA INV x FACTOR)

PROB. OF AERIAL DROP=

PROB. OF BURIED DROP=

PROS ISC =

PROS SEC =

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS =

HISC. COMMON EQPT. & POWER FACTOR (377C)=

HCEEP INVESTMENT (CO CONN x FACTOR) =

MFT INVESTMENT =

MFT PROBABILITY OF OCCURRENCE =

TOTAL MFT INVESTMENT = (NOTE 5)

MISC. COMMON EQPT. & POWER FACTOR (57C)=

MCE&P INVESTMENT (MFT x FACTOR) =

LAND FACTOR =

LAND MVST (CO CONN+MCEEP+MFT INV+MECEP) x FACTOR =

BUILDING FACTOR =

BLDG NVST (CO CONN+MCEAP+NFT INV+MECAP) x FACTOR =

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURENCE.

HOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

NOTE 5: IF LOOP LENGTH IS < 9000 FT. = MFT INVESTMENT x PROBABILITY OF OCCURRENCE

IF LOOP LENGTH IS > 8999 FT. = MFT INVESTMENT

COPPER CABLE

5A-1 EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

7000

TIME= 10:45 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

	,			UNIT TMENTS	•	CIRCUIT EXCL. UT	UNIT ENTS FOR QUANTITY ILIZATION	·	1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY INCL. UTILIZATION			
(a)	(p)	(c)	(d)	(e)		. (f)	(g)	(h)	(i)	(i)		
		FIXED										
-1 AUT 1-04	USOA	VARI								LINE HAUL		
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP		
********	****	*****	•••		********		••••••	••••				
LAND	2111	٧		•	1			1.00				
BUILDING	2121	V			1			1.00				
BLDG ENTRANCE CBLE	2421	٧			1			1.00				
INTRABLOG CABLE	2421	٧			1			1.00		,		
AERIAL CABLE	2421	٧			1			0.70				
TERM INV	2421	, V			1			0.70				
AIR DRYER	2421	V			1			0.70	,			
DROP WIRE	2421	V			1			0.70				
BURIED CABLE	2423	٧			1			0.70				
TERM INV	2423	٧			1			0.70				
AIR DRYER	2423	٧			1			0.70				
DROP WIRE	2423	· V			1	•		0.70	•			
UNDERGROUND CABLE	2422	٧		,	1			0.70				
AIR DRYER	2422	V			1			0.70				
DROP WIRE	2422	V			1			0.70				
CO EQPT - ESS	2212	٧			1			0.70				
MCE&P - CO	2212	٧			. 1			0.70				
CO EQPT . MFT	2212				1			1.00				
MCE&P - MFT	2212	٧			1	•		1.00				
POLE LINE	2411	· V			1			0.70				
CONDUIT	2441	٧			1			0.70				

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

COPPER CABLE

58 EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

7000

TIME= 10:45 AM

STATE: Florida

SERVICE CLASS: LIAL-HONINTEGRATED

		1990 INVESTI	UNIT			TOTAL ANNUAL	1990 TOTAL MONTHLY COSTS		
(a)	(b)	(6)	(d)	(e) Annual	(f)	(g)	(1)	(i)	
As .	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP	
******		•••••	•••••	•••••	•••••	•••••	••••••		
LAND	2111	•		12.0000					
BUILDING	2121			12.0000				• .	
BLDG ENTRANCE CBLE	2421			12.0000			+.		
INTRABLDG CABLE	2421			12,0000					
AERIAL CABLE (COPPER)	2421			12.0000			:		
BURIED CABLÉ (COPPER)	2423			12.0000			·		
UNDRGRND CBL (COPPER)	2422			12.0000					
CO EGPT - P GAIN	2211			12.0000					
CO EQPT - ESS	2212			12.0000					
MCEAP - CO	2212			12,0000					
CO EQPT - HFT	2212			12.0000					
NCEAP - MFT	2212			12.0000					
AERIAL CABLE (FIBER)	2421			12.0000					
SURIED CABLE (FIBER)	2423			12.0000					
UNDRGRND CABLE (FIBER	2422			12.0000				-	
POLE LINE	2411			12.0000				•	
CONDUIT	2441			12.0000					
·	SUBTOTALS	•				1		;	
		•				į			
and the second	TOTALS					1			

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EQPT - ESS = CONNECTORS . MISC. CP&E.

. (√) (√) The same of the sa The state of the same

COPPER CABLE

CIRCUIT QUANTITY:

- 1

LOOP DISTANCE (FT):

7000

DATE = 22-Sep-94 TIME= 10:45 AM

STATE: Florida

SERVICE CLASS: LIAL-HONINTEGRATED

		1990 TOTAL A COSTS		1990 TOTAL MOI	ITHLY COSTS		1993 TOTAL A COST		1993 TOTAL HONT	HLY COSTS
(a)	(p)	(c)	(d)	(e)	(f)	1990	(g)	(h)	(1)	(j)
	USQA	LOOP TERM	LINE HAUL	LOOP TERM	I THE HAIR	TO 1993	1000 TERM	I THE VAIR		1 145 4414
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	LOOP TERM	LINE HAUL EQUIP	LOOP TERM	LINE KAUL
							E401L	EGOIP	EAGIL	EAOTA
LAND	2111					1.0000				
BUILDING	2121					1.0830				
BLDG ENTRANCE CBLE	2421					1.0020				
INTRABLDG CABLE	2421					0.9920				
AERIAL CABLE (COPPER)	2421					1.0020				
SURIED CABLE (COPPER)	2423					1.0180				
UNDRGRNO CBL (COPPER)	2422					0.9920				
CO EOPT - P GAIN	2211									
CO EQPT - ESS	2212	f				0.8890				
MCE&P - CO	2212					0.8890				
CO EQPT - MFT	2212					1.0690				
MCE&P - MFT	2212					1.0690				
AERIAL CABLE (FIBER)	2421									
BURIED CABLE (FISER)	2423									
UNDRGRND CBL (FIBER)	2422									
POLE LINE	2411					1.0910				
CONDUIT	2441					1.0250				
	SUBTOTALS	\$								

ORIGIAES

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

WORKSHEET C

DATE = 22-Sep-94

TIME= 10:45 AM

WEIGHTING DEVELOPMENT OF GAUGES FOR COPPER TECHNOLOGY

SERVICE CLASS=

LIAL-NONINTEGRATED

LOOP LENGTH (FEET) =

7000.00

	(A)	(8)	1	(C)		(D=A*C)	(1	B*C)
			×	OF		ADJ.	Al	J.
DESC.	DTC	PFI	OCC	JRENCE		DTC	1	PFI
••••	• • • • •	*****	****	• • • • • • •	•	•••••	•••	• • • • •
PBA26			1.0	000000		0.132308	0.0	43627
P8826			1.0	000000		0.691954	0.0	30047
PBU26			1.	000000		0.175738	0.0	22545
PBA24								
PB\$24								
PBU24								
PBA22								
PBB22								
PBU22								
Total=	3.000000		Total=	3.00	Tot =	1.000000		•

·····MATRIX	2	MATRIX 4					
MELDED DISTRIE	IUTION	MELDED PAIR					
TO CODE		FOOT INVESTMENT					

AERIAL	#5	AERIAL	#6				
BURIED	#5	BURIED	#6				
UNDERG	#5	UNDERG	#6				
	000000						

THEORETICAL RESISTANCE DESIGN

	*****	PERCENTAGE		FOOTAGE				
FOOTAGES	26 GA	24 GA	22 GA	26 GA	24 GA			
•••••			•••••	•••••	******			
1000	1.0000			1000.00				
2000	1.0000			2000.00				
3000	1.0000			3000.00				

WORKSHEET

FACILITY TYPE:

COPPER CABLE

DATE = 22-Sep-94 TIME= 10:46 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

LOOP LENGTH		MATRIX 2 RELATIVE	HATRIX 3	MATRIX 4 CABLE	HATRIX 5	HATRIX 6	MATRIX 7	MATRIX 8	MATRIX 9 WEIGHTED
IN FEET AND DESIGN	TYPE OF CABLE PLANT	MIX OF CABLE TYPES	LENGTH BY TYPE OF PLANT	INVESTMENT PER PAIR FOOT	CABLE INVESTMENT PER PAIR	WEIGHTED TERMINAL INVESTMENT	AIR DRYER INVESTMENT PER PAIR	DROP WIRE ADJUSTMENT PER PAIR	DROP WIRE ADJUSTMENT PER PAIR
	****			*****	*****	*******	•••••	••••••	********
8000,00	AERTAL	(· 				

PAGE -37-

26 GAUGE

BUR I ED

COPPER

CABLE U

UNDERGRNO (

1.000000

AERIAL DROP INV.=

SURIED DROP INV.=

INTRA BLDG CBLE =

BLOG ENTR. CBLE =

PROB. AERIAL TERM.=

AERIAL TERM INV=

PROB. BURIED TERM.=

BURIED TERM INV=

POLE LINE FACTOR =

POLE LINE INVESTMENT

(TOTAL AER CA INV x FACTOR)

UG CONDUIT FACTOR =

CONDUIT INVESTMENT =

(TOTAL UG CA INV x FACTOR)

PROB. OF AERIAL DROP=

PROS. OF BURIED DROP=

PROS IBC =

PROB BEC =

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS =

MISC. COMMON EQPT. & POWER FACTOR (377C)=

MCEEP INVESTMENT (CO CONN x FACTOR) =

MFT INVESTMENT =

MFT PROBABILITY OF OCCURRENCE =

TOTAL MFT INVESTMENT = (NOTE 5)

MISC. COMMON EQPT. & POWER FACTOR (57C)=

MCEEP INVESTMENT (MFT x FACTOR) =

LAND FACTOR =

LAND NVST (CO CONN+MCEEP+MFT INV+MECEP) x FACTOR =

BUILDING FACTOR =

BLDG NVST (CO CONN+MCE&P+MFT INV+MEC&P) x FACTOR =

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURENCE.

NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

NOTE 5: IF LOOP LENGTH IS < 9000 FT. = MFT INVESTMENT x PROBABILITY OF OCCURRENCE

IF LOOP LENGTH IS > 8999 FT. = MFT INVESTMENT

COPPER CABLE

5A-1 EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT): 8000

TIME= 10:46 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		,	•	1990 UNIT		1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY EXCL. UTILIZATION			1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY INCL. UTILIZATION		
(a)	(b)	(c) FIXED	(d)	(e)	•	(f)	(g)	(h)	(i)	O	
	USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL	
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP	
*******		• • • • • • •	•••••	*******		*******	•••••	••••	•••••	•••••	
LAND	2111	v			1			1.00			
BUILDING	2121	v			1			1.00			
BLDG ENTRANCE CBLE	2421	v			1			1.00			
INTRABLOG CABLE	2421	v			1			1.00			
AERIAL CABLE	2421	v			1			0.70	1		
TERM INV	2421	v			1			0.70	1		
AIR DRYER	2421	V			1			0.70	}		
DROP WIRE	2421	٧			1			0.70			
JURIED CABLE	2423	٧			1			0.70	}		
TERM INV	2423	٧			1			0.70	;		
AIR DRYER	2423	٧			1			0.70)		
DROP WIRE	2423	٧			1			0.70)		
UNDERGROUND CABLE	2422	٧			1			0.70)		
AIR DRYER	2422	٧			t			0.70	ł		
DROP WIRE	2422	٧			1			0.70	;		
CO EGPT - ESS	2212	٧			1			0.70	ł		
MCEEP - CO	2212	٧			1			0.70	1		
CO EQPT - MFT	2212	· v			1			1.00)		
MCE&P - MFT	2212	٧			1			1.00	1		
POLE LINE	2411	٧			1			0.70	1		
CONDUIT	2441	٧			1			0.70)		

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

FACILITY TYPE: COPPER CABLE
CIRCUIT QUANTITY: 1
LOOP DISTANCE (FT): 8000

58 EQV.

DATE = 22-Sep-94

TIME= 10:46 AM

STATE: Florida SERVICE CLASS: LIAL-NONINTEGRATED

		1990 INVESTI		•		TOTAL ANNUAL COSTS	1990 TOTAL MONTHLY COSTS		
(a)	(b)	(c)	(d)	(e) Ahnual	(f)	(g)	(i)	(I)	
	USQA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP	
	••••		********			•••••	********	*******	
LAND	2111			12.0000					
BUILDING	2121			12.0000					
BLDG ENTRANCE CBLE	2421			12.0000					
INTRABLOG CABLE	2421			12.0000					
AERIAL CABLE (COPPER)	2421			12.0000					
BURIED CABLE (COPPER)	2423			12.0000					
UNDRGRND CBL (COPPER)	2422	•		12.0000					
CO EQPT - P GAIN	2211			12.0000					
CO EGPT . ESS	2212			12.0000					
MCE&P - CO	2212			12.0000					
CO EOPT - MFT	2212			12.0000					
MCE&P · MFT	2212			12.0000					
AERIAL CABLE (FIBER)	2421			12.0000					
BURIED CABLE (FIBER)	2423			12.0000					
UNDRGRND CABLE (FIBER	2422			12.0000					
POLE LINE	2411			12.0000					
CONDUIT	2441			12.0000					

SUBTOTALS

. TOTALS

HOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

HOTE 2: CO EQPT - ESS = CONNECTORS + MISC. CPLE.

COPPER CABLE

50 EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

8000

1

TIME= 10:46 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 TOTAL A COSTS		1990 TOTAL MON	ITHLY COSTS		1993 TOTAL A COST		1993 TOTAL MONT	HLY COSTS
(a)	(b)	(c)	(d)	(e)	(f)	1990	(g)	(h)	(i)	(j)
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	I TUE UATH	TO 1993	LOOR TERM	A THE WALL	1000 TERM	4 5 14 10 14 14 14
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPL	LOOP TERM	LINE HAUL EQUIP	LOOP TERM	LINE HAUL
*********	••••							EAGIL	Edoth	EQUIP
		•								
LAND	2111					1.0000				
BUILDING	2121					1.0830				
BLDG ENTRANCE CBLE	2421					1.0020				
INTRABLDG CABLE	2421					0.9920				
AERIAL CABLE (COPPER	2421		1			1.0020				
BURIED CABLE (COPPER	2423		1			1.0180	•			
UNDRGRNO CBL (COPPER	2422		1			0.9920				
CO EQPT . P GAIN	2211									
CO EQPT . ESS	2212					0.8890				
HCEEP - CO	2212					0.8890				
CO EQPT - MFT	2212					1.0690				
MCE&P - MFT	2212					1.0690				
AERIAL CABLE (FIBER)	2421									
BURIED CABLE (FIBER)	2423									
UNDRGRND CBL (FIBER)	2422									
POLE LINE	2411					1.0910				
CONDUIT	2441					1.0250				
	SUBTOTALS	\$!					:	

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

WORKSHEET C

DATE = 22-Sep-94 TIME# 10:46 AM

WEIGHTING DEVELOPMENT OF GAUGES FOR COPPER TECHNOLOGY

SERVICE CLASS=

LIAL-NONINTEGRATED

LOOP LENGTH (FEET) = 8000.00

	(A)	(8)	(C)	(D=A*C)	(B*C)
			% OF	ADJ.	ADJ.
DESC.	DTC	PFI	OCCURENCE	DTC	PFI
	****	••••	********	••••••	•••••
PBA26			1.000000	•	
P8826			1.000000		
PBU26			1.000000		
PBA24					
PBB24					
P8U24					
PBA22					
P8822					
PBU22					

3.000000 Total=

MATRIX	2	MATRIX	4
MELDED DISTRIB	UTION	MELDED PAIR	
TO CODE		FOOT INVESTMEN	IT
•••••	•••••	*******	
AERIAL	#5	AERTAL	#6
BURIED	#5	BURIED	#6
UNDERG	#5	UNDERG	#6
Total - 1	000000		

THEORETICAL RESISTANCE DESIGN

		PERCENTAGE		*********	FOOTAGE			
FOOTAGES	26 GA	24 GA	22 GA	26 GA	24 GA			
•••••	******	*****	*****	•••••	•••••			
1000	1.0000			1000.00				
2000	1.0000			2000.00				
3000	1.0000			3000.00				

WORKSHEET

FACILITY TYPE:

COPPER CABLE

DATE = 22-Sep-94 TIME= 10:47 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

LOOP LENGTH		MATRIX 2 RELATIVE	MATRIX 3 LOOP	MATRIX 4 Cable	MATRIX 5	MATRIX 6	MATRIX 7	MATRIX 8	MATRIX 9 WEIGHTED
IN FEET	TYPE OF	MIX OF	LENGTH	INVESTMENT	CABLE	WEIGHTED	AIR DRYER	DROP WIRE	DROP WIRE
AND	CABLE	CABLE	BY TYPE	PER	INVESTMENT	TERMINAL	INVESTMENT	ADJUSTMENT	ADJUSTMENT
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	PER PAIR	PER PAIR
	****		•••••	•••••	•••••		*****		*******
									· ·

PAGE -42-

26 GAUGE

BURIED

COPPER CABLE

UNDERGRND

1.000000

AERIAL DROP INV.=

9000.00 AERIAL

BURIED DROP INV.=

INTRA BLDG CBLE =

BLDG ENTR. CBLE =

PROB. AERIAL TERM.=

AERIAL TERM INV=

PROB. BURIED TERM.=

BURLED TERM INV=

POLE LINE FACTOR =

POLE LINE INVESTMENT

(TOTAL AER CA INV x FACTOR)

UG CONDUIT FACTOR =

CONDUIT INVESTMENT =

(TOTAL UG CA INV x FACTOR)

PROS. OF AERIAL DROP=

PROB. OF BURIED DROP=

PROS ISC =

PROS SEC =

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS =

MISC. COMMON EQPT. & POWER FACTOR (377C)=

MCEAP INVESTMENT (CO COMM x FACTOR) =

MFT INVESTMENT =

MFT PROBABILITY OF OCCURRENCE =

TOTAL MFT INVESTMENT = (NOTE 5)

MISC. COMMON EQPT. & POWER FACTOR (57C)=

MCE&P INVESTMENT (MFT x FACTOR) =

LAND FACTOR =

LAND NVST (CO CONN+MCE&P+MFT INV+MEC&P) x FACTOR =

BUILDING FACTOR =

BLDG NVST (CO CONN+MCE&P+MFT INV+MEC&P) x FACTOR =

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURENCE.

NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

NOTE 5: IF LOOP LENGTH IS < 9000 FT. = MFT INVESTMENT x PROBABILITY OF OCCURRENCE

IF LOOP LENGTH IS > 8999 FT. = MFT INVESTMENT

CIRCUIT QUANTITY:

DATE = 22-Sep-94

LOOP DISTANCE (FT):

9000

TIME= 10:47 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

SA-1 EQV.

				UNIT TMENTS		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION		1990 INVESTME CIRCUIT INCL. UT	INTS FOR GUANTITY
(a)	(b)	(c) FIXED	(d)	(e)		(f)	(g)	(h)	(1)	(1)
	USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP
	••••	•••••	•••••	•••••	•••••	•••••	*******	••••	•••••	•••••
LAND	2111	٧			1			1.00		
BUILDING	2121	٧			1			1.00		
BLDG ENTRANCE CBLE	2421	٧			1			1.00		
INTRABLDG CABLE	2421	٧			1			1.00		
AERIAL CABLE	2421	V			• 1			0.70		
TERM INV	2421	٧			1			0.70		
AIR DRYER	2421	٧			1			0.70		
DROP WIRE	2421	V			1			0.70		
SURIED CABLE	2423	٧			1			0.70		
TERM INV	2423	V			1			0.70		
AIR DRYER	2423	٧			1			0.70		
DROP WIRE	2423	٧			1			0.70		
UNDERGROUND CABLE	2422	٧			1			0.70		
AIR DRYER	2422	٧			1			0.70		
DROP WIRE	2422	٧			1			0.70		
CO EQPT . ESS	2212	٧			1			0.70		
MCE&P - CO	2212	V			1			0.70		
CO EQPT . MFT	2212	٧		,	1			1.00		
HCE&P - MFT	2212	٧			1			1.00		
POLE LINE	2411	٧			1			0.70		
CONDUIT	2441	٧			1			0.70		

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

HOTE 2: 'DROP WIRE = MATRIX 8 + MATRIX 9

COPPER CABLE

SB EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

9000

TIME= 10:47 AM

STATE: Florida

SERVICE CLASS: LIAL-HONINTEGRATED

(a) (b) (c) (d) (e) (f) (g) (i) (j) ANNUAL ANNUAL PLANT ITEM CODE EQUIP EQUIP FACTOR EQUIP EQUIP EQUIP BUILDING 2121 BUILDING 2121 BUILDING 2421 INTRABLOG CABLE 2421 INTRABLOG CABLE (COPPER) 2423 UNDRGRAND CBL (COPPER) 2422 CD EQPT - P GAIN 2211 CD EQPT - ESS 2212 MCCELP - CO 2212 MCCELP - CO 2212 CD EQPT - MFT 2212 AERIAL CABLE (FIBER) 2423 BURIED CABLE (FIBER) 2421 12.0000 CD EQPT - MFT 2212 AERIAL CABLE (FIBER) 2423 UNDRGRAND CBL (FIBER) 2423 UNDRGRAND CBL (FIBER) 2421 DUDGRRAND CBL (FIBER) 2421 DUDGRRAND CBL (FIBER) 2421 DUDGRRAND CBL (FIBER) 2423 DUDGRRAND CBL (FIBER) 2421 DUDGRRA	·		1990 INVESTI	UNIT			TOTAL ANNUAL	1990 TOTAL MONTHLY COSTS		
PLANT ITEM CODE EQUIP EQUIP FACTOR EQUIP EQUIP EQUIP EQUIP	(a)	(p)	(c)	(d)		(f)	(g)	(1)	(1)	
LAND 2111 12.0000 BUILDING 2121 12.0000 BLDG ENTRANCE CBLE 2421 12.0000 INTRABLDG CABLE 2421 12.0000 AERIAL CABLE (COPPER) 2421 12.0000 BURIED CABLE (COPPER) 2423 12.0000 UNDRGRNO CBL (COPPER) 2422 12.0000 CO EQPT - P GAIN 2211 12.0000 CO EQPT - ESS 2212 12.0000 MCEEP - CO 2212 12.0000 CO EQPT - MFT 2212 12.0000 MCEEP - MFT 2212 12.0000 MCEEP - NFT 2212 12.0000 MCEEP - NFT 2212 12.0000 MCEEP - MFT 2212 12.0000		USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	
LAND 2111 12.0000 BUILDING 2121 12.0000 BLDG ENTRANCE CBLE 2421 12.0000 INTRABLDG CABLE 2421 12.0000 AERIAL CABLE (COPPER) 2421 12.0000 BURIED CABLE (COPPER) 2423 12.0000 UNDRGRND CBL (COPPER) 2422 12.0000 CO EQPT - P GAIN 2211 12.0000 CO EQPT - ESS 2212 12.0000 MCEAP - CO 2212 12.0000 MCEAP - MFT 2212 12.0000 BURIED CABLE (FIBER) 2421 12.0000 BURIED CABLE (FIBER) 2421 12.0000 UNDRGRND CABLE (FIBER) 2423 12.0000 UNDRGRND CABLE (FIBER 2422 12.0000 POLE LINE 2411 12.0000	PLANT ITEM	CODE	EQUIP ,	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP	
BUILDING 2121 12.0000 BLDG ENTRANCE CBLE 2421 12.0000 INTRABLDG CABLE 2421 12.0000 AERIAL CABLE (COPPER) 2421 12.0000 BURIED CABLE (COPPER) 2423 12.0000 UNDRGRNO CBL (COPPER) 2422 12.0000 CO EQPT - P GAIN 2211 12.0000 CO EQPT - ESS 2212 12.0000 MCEEP - CG 2212 12.0000 MCEEP - MFT 2212 12.0000	******	••••	•••••	•••••	*****	********	•••••	*******		
BLDG ENTRANCE CBLE 2421 12.0000 INTRABLDG CABLE 2421 12.0000 AERIAL CABLE (COPPER) 2421 12.0000 BURIED CABLE (COPPER) 2423 12.0000 UNDRGRNO CBL (COPPER) 2422 12.0000 CO EQPT - P GAIN 2211 12.0000 CO EQPT - ESS 2212 12.0000 MCEEP - CO 2212 12.0000 CO EQPT - NFT 2212 12.0000 MCEEP - NFT 2423 12.0000 MCEEP CABLE (FIBER) 2423 12.0000 MCEEP CABLE (FIBER) 2423 12.0000 MCERNO CABLE (FIBER 2422 12.0000 MCERNO CABLE (FIBER 2422 12.0000	LAND	2111			12.0000					
INTRABLDG CABLE 2421 12.0000 AERIAL CABLE (COPPER) 2423 12.0000 UNDRGRND CBL (COPPER) 2422 12.0000 CO EQPT - P GAIN 2211 12.0000 CO EQPT - ESS 2212 12.0000 MCEAP - CO 2212 12.0000 CO EQPT - MFT 2212 12.0000 MCEAP - MFT 2423 12.0000 BURIED CABLE (FIBER) 2423 12.0000 POLE LINE 2411 12.0000	BUILDING	2121			12.0000			•		
AERIAL CABLE (COPPER) 2423 12.0000 UNDRGRNO CBL (COPPER) 2422 12.0000 CO EQPT - P GAIN 2211 12.0000 CO EQPT - ESS 2212 12.0000 MCEEP - CG 2212 12.0000 CO EQPT - MFT 2212 12.0000 MCEEP - NFT 2212 12.0000 AERIAL CABLE (FIBER) 2421 12.0000 BURIED CABLE (FIBER) 2421 12.0000 UNDRGRNO CABLE (FIBER) 2423 12.0000 UNDRGRNO CABLE (FIBER 2422 12.0000 POLE LINE 2411 12.0000	BLDG ENTRANCE CBLE	2421			12.0000					
BURIED CABLE (COPPER) 2423 12.0000 UNDRGRNO CBL (COPPER) 2422 12.0000 CO EQPT - P GAIN 2211 12.0000 MCEEP - CO 2212 12.0000 CO EQPT - MFT 2212 12.0000 MCEEP - MFT 2212 12.0000 MCEEP - MFT 2212 12.0000 AERIAL CABLE (FIBER) 2421 12.0000 BURIED CABLE (FIBER) 2423 12.0000 UNDRGRNO CABLE (FIBER 2422 12.0000 POLE LINE 2411 12.0000	INTRASLOG CABLE	2421			12.0000					
UNDRGRND CBL (COPPER) 2422 12.0000 CO EQPT - P GAIN 2211 12.0000 CO EQPT - ESS 2212 12.0000 MCEEP - CG 2212 12.0000 CO EQPT - MFT 2212 12.0000 MCEEP - MFT 2212 12.0000 AERIAL CABLE (FIBER) 2421 12.0000 BURIED CABLE (FIBER) 2423 12.0000 UNDRGRND CABLE (FIBER 2422 12.0000 POLE LINE 2411 12.0000	AERIAL CABLE (COPPER)	2421			12.0000					
CO EQPT - P GAIN 2211 12.0000 CO EQPT - ESS 2212 12.0000 HCEEP - CO 2212 12.0000 CO EQPT - MFT 2212 12.0000 HCEEP - MFT 2212 12.0000 AERIAL CABLE (FIBER) 2421 12.0000 BURIED CABLE (FIBER) 2423 12.0000 UNORGRNO CABLE (FIBER 2422 12.0000 POLE LINE 2411 12.0000	SURIED CABLE (COPPER)	2423			12.0000					
CO EQPT - ESS 2212 12.0000 MCEEP - CO 2212 12.0000 CO EQPT - MFT 2212 12.0000 MCEEP - MFT 2212 12.0000 AERIAL CABLE (FIBER) 2421 12.0000 BURIED CABLE (FIBER) 2423 12.0000 UNORGRNO CABLE (FIBER 2422 12.0000 POLE LINE 2411 12.0000	UNDRGRNO CBL (COPPER)	2422			12.0000					
MCEEP - CO 2212 12.0000 CO EQPT - MFT 2212 12.0000 MCEEP - MFT 2212 12.0000 AERIAL CABLE (FIBER) 2421 12.0000 BURIED CABLE (FIBER) 2423 12.0000 UNORGRNO CABLE (FIBER 2422 12.0000 POLE LINE 2411 12.0000	CO EQPT - P GAIN	2211			12.0000					
CO EQPT - MFT 2212 12.0000 MCE&P - MFT 2212 12.0000 AERIAL CABLE (FIBER) 2421 12.0000 BURIED CABLE (FIBER) 2423 12.0000 UNDRGRNO CABLE (FIBER 2422 12.0000 POLE LINE 2411 12.0000	CO EQPT - ESS	2212			12.0000					
MCE&P - MFT 2212 12.0000 AERIAL CABLE (FIBER) 2421 12.0000 BURIED CABLE (FIBER) 2423 12.0000 UNDRGRND CABLE (FIBER 2422 12.0000 POLE LINE 2411 12.0000	MCEEP - CO	2212			12.0000					
AERIAL CABLE (FIBER) 2421 12.0000 BURIED CABLE (FIBER) 2423 12.0000 UNDRGRND CABLE (FIBER 2422 12.0000 POLE LINE 2411 12.0000	CO EGPT - MFT	2212			12.0000					
BURIED CABLE (FIBER) 2423 12.0000 UNDRGRND CABLE (FIBER 2422 12.0000 POLE LINE 2411 12.0000	HCEEP - NFT	2212			12.0000					
UNDRGRND CABLE (FISER 2422 12.0000 POLE LINE 2411 12.0000	AERIAL CABLE (FIBER)	2421			12.0000					
POLE LINE 2411 12.0000	BURIED CABLE (FIBER)	2423			12.0000					
- · · · · · · · · · · · · · · · · · · ·	UNORGRNO CABLE (FISER	2422			12,0000					
CONDUIT 2441 12.0000	POLE LINE	2411			12.0000					
ICIAAAA	CONDUIT	2441			12.0000					

TOTALS

SUBTOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EQPT . ESS = CONNECTORS + MISC. CPEE.

FACILITY TYPE: COPPER CABLE

CIRCUIT QUANTITY:

1

DATE = Z2-Sep-94

TIME= 10:47 AM

LOOP DISTANCE (FT):

9000

STATE: Florida

SERVICE CLASS: LIAL-MONINTEGRATED

SD EQV.

	1990 Total Annual Costs		1990 TOTAL MONTHLY COSTS			1993 TOTAL A COST		1993 TOTAL MONTHLY COSTS		
(a)	(b)	(c)	(d)	(e)	(f)	1990 TO	(g)	(h)	(1)	(j)
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE KAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	191	EQUIP	EQUIP	EQUIP	EQUIP
•••••		•••••••••••••••••••••••••••••••••••••••	•••••	•••••		• • • • • • • • • • • • • • • • • • • •	********	•••••	•••••	*******
LAND	2111					1.0000				
BUILDING	2121					1.0830				
BLDG ENTRANCE CBLE	2421					1.0020				
INTRABLDG CABLE	2421					0.9920				
AERIAL CABLE (COPPER)	2421					1.0020				
BURIED CABLE (COPPER)	2423					1.0180				
UNDRGRND CBL (COPPER)	2422					0.9920				
CO EQPT - P GAIN	2211									
CO EQPT - ESS	2212				•	0.8890				
MCEEP - CO	2212					0.8890				
CO EQPT . MFT	2212					1.0690				
MCEEP - MFT	2212					1.0690				
AERIAL CABLE (FIBER)	2421									
BURIED CABLE (FIBER)	2423				1					
UNDRGRND CBL (FIBER)	2422									
POLE LINE	2411					1.0910				
CONDUIT	2441					1,0250				

SUBTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

DATE = 22-Sep-94

TIME= 10:47 AM

WEIGHTING DEVELOPMENT OF GAUGES FOR COPPER TECHNOLOGY

SERVICE CLASS= LIAL-NONINTEGRATED

LOOP LENGTH (FEET) = 9000.00

	(A)	(0)	(6)	(D-A-C)	(B-C)
			% OF	ADJ.	WJ.
DESC.	DTC	PFI	OCCURENCE	DTC	PFI
	••••	••••	********	•••••	•••••
PBA26			1.000000		
P8826	•		1.000000		
PBU26			. 1.000000		
PBA24					
P6524					
PBU24					
PSA22					
PBB22					
PBU22					

Total= 3.000000 3.00 1.000000

····· MATRIX 2		MELDED PAIR				
MELDED DISTRIBL	ITEON					
TO CODE		FOOT INVESTMENT				
		••••••				
AERIAL	#5	AERIAL	#6			
BURIED	#5	BURIED	#6			
UNDERG	#5	UNDERG	#6			

1.000000

THEORETICAL RESISTANCE DESIGN

	• • • • • • • • • • • • • • • • • • • •	PERCENTAGE		FOOTAGE				
FOOTAGES	26 GA	24 GA	22 GA	26 GA	24 GA			
•••••	•••••	•••••	******	******	•••••			
1000	1.0000			1000.00				
2000	1.0000			2000.00				
3000	1.0000			3000.00				

WORKSHEET

FACILITY TYPE:

COPPER CABLE

DATE = 22-Sep-94 TIME= 10:48 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

LOOP LENGTH		MATRIX 2 RELATIVE	MATRIX 3	MATRIX 4 CABLE	MATRIX 5	MATRIX 6	MATRIX 7	MATRIX 8 MATRIX 9 WEIGHTED
IN FEET	TYPE OF	MIX OF	LENGTH	INVESTMENT	CABLE	WEIGHTED	AIR DRYER	DROP WIRE DROP WIRE
AND	CABLE	CABLE	BY TYPE	PER	INVESTMENT	TERMINAL	INVESTMENT	ADJUSTMENT ADJUSTMENT
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	PER PAIR PER PAIR
				•••••	•••••	********	•••••	

10000.00 AERIAL

PAGE -47-

26 GAUGE

BURIED

COPPER

CABLE

UNDERGRND

1.000000

1.0000

AERIAL DROP INV.=

BURIED DROP INV.=

INTRA BLDG CBLE =

BLDG ENTR. CBLE =

PROB. AERIAL TERM.=

AERIAL TERM INV=

PROB. BURIED TERM.=

BURIED TERM INV=

POLE LINE FACTOR =

POLE LINE INVESTMENT

(TOTAL AER CA INV x FACTOR)

UG CONDUIT FACTOR =

CONDUIT INVESTMENT =

(TOTAL UG CA INV x FACTOR)

PROS. OF AERIAL DROP=

PROB. OF BURIED DROP=

PROB IBC =

PROB SEC =

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS =

MISC. COMMON EQPT. & POWER FACTOR (377C)=

MCEEP INVESTMENT (CO CONN x FACTOR) =

MFT INVESTMENT =

MFT PROBABILITY OF OCCURRENCE =

TOTAL MFT INVESTMENT = (NOTE 5)

HISC. COMMON EQPT. & POWER FACTOR (57C)=

MCE&P INVESTMENT (MFT x FACTOR) =

LAND FACTOR =

LAND NVST (CO CONN+MCE&P+MFT INV+MEC&P) x FACTOR =

BUILDING FACTOR =

BLDG NVST (CO CONN+MCE&P+MFT INV+MEC&P) x FACTOR =

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

HOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURENCE.

HOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

NOTE 5: IF LOOP LENGTH IS < 9000 FT. = MFT INVESTMENT x PROBABILITY OF OCCURRENCE

IF LOOP LENGTH IS > 8999 FT. = MFT INVESTMENT

FACILITY TYPE: COPPER CABLE

CIRCUIT QUANTITY: 1

DATE = 22-Sep-94

LOOP DISTANCE (FT):

10000

TIME= 10:48 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

SA-1 EQV.

			1990 UNIT INVESTMENTS			1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY EXCL. UTILIZATION			1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY INCL. UTILIZATION		
(a)	(b)	(c) FIXED	(d)	(e)		(f)	(g)	(h)	(f)	(i)	
	USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL	
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY		EQUIP	FILL	EQUIP	EQUIP	
**********	••••	•••••	••••••	•••••	•••••	*******	*********	••••	********	••••••	
LAND	2111	٧			1			1.00			
BUILDING	2121	٧			1			1.00			
BLDG ENTRANCE CBLE	2421	٧			1			1.00			
INTRABLOG CABLE	2421	٧			1			1.00			
AERIAL CABLE	2421	٧			• 1			0.70			
TERM INV	2421	V			1			0.70			
AIR DRYER	2421	٧			1			0.70			
DROP WIRE	2421	V			1			0.70			
BURIED CABLE	2423	V			1			0.70			
TERM INV	2423	V			1			0.70	;		
AIR DRYER	2423	٧			1			0.70	}		
DROP WIRE	2423	٧			1			0.70			
UNDERGROUND CABLE	2422	V			1			0.70			
AIR DRYER	2422	٧			1			0.70			
DROP WIRE	2422	٧			1			0.70	1		
CO EQPT - ESS	2212	٧			1			0.70)		
MCEEP - CO	2212	V			1			0.70	1		
CO EQPT - MFT	2212	٧		,	1		•	1.00	1		
MCE&P - MFT	2212	٧			1			1.00	1		
POLE LINE	2411	٧			1			0.70	1		
CONDUIT	2441	٧			1			0.70	1		

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

HOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

FACILITY TYPE: COPPER CABLE

58 EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

10000

TIME= 10:48 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

	٠	1990 UNIT INVESTMENTS			J	TOTAL ANNUAL COSTS	1990 TOTAL MONTHLY COSTS		
(a)	(b)	(c)	(d)	(e) Annual	(f)	(g)	(1)	(I)	
	USQA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	PIUPS	EQUIP	EQUIP	EQUIP	
••••••	••••	•••••	•••••	•••••		••••••	*******	*******	
LAND	2111	•		12.0000					
BUILDING	2121			12.0000					
BLDG ENTRANCE CBLE	2421			12.0000					
INTRABLDG CABLE	2421			12.0000					
AERIAL CABLE (COPPER)	2421			12.0000					
BURIED CABLE (COPPER)	2423			12.0000					
UNDRGRNO CBL (COPPER)	2422			12.0000		; i			
CO EQPT . P GAIN	2211			12.0000		ı			
CO EQPT . ESS	2212			12.0000					
MCELP - CO	2212			12.0000					
CO EQPT - MFT	2212			12.0000					
MCERP - MFT	2212			12.0000					
AERIAL CABLE (FIBER)	2421			12.0000					
BURIED CABLE (FIBER)	2423		,	12.0000					
UNDRGRNO CABLE (FIBER	2422			12.0000					
POLE LINE	2411			12.0000				·	
CONDUIT	2441			12.0000					

SUSTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EQPT - ESS = CONNECTORS + MISC. CP&E.

FACILITY TYPE:

COPPER CABLE

50 EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

10000

TIME= 10:48 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 Total Annual Costs		1990 TOTAL MOI				1993 TOTAL ANNUAL COSTS		1993 TOTAL MONTHLY COSTS	
(a)	(p)	(c)	(d)	(e)	(f)	1990 TO	(g)	(h)	(1)	(i)	
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP	
•••••	••••	*********		********	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	••••••	*******	
LAND	2111					1.0000					
BUILDING	2121					1.0830					
BLDG ENTRANCE CBLE	2421					1.0020					
INTRABLOG CABLE	2421					0.9920					
AERIAL CABLE (COPPER)	2421			•		1.0020				-	
BURIED CABLE (COPPER)	2423					1.0180					
UNDRGRND CBL (COPPER)	2422					0.9920					
CO EQPT - P GAIN	2211										
CO EQPT . ESS	2212	1				0.8890					
MCELP - CO	2212					0.8890					
CO EQPT - MFT	2212					1.0690					
MCEEP . MFT	2212					1.0690					
AERIAL CABLE (FIBER)	2421			•							
BURIED CABLE (FIBER)	2423		•								
UNDRGRND CBL (FIBER)	2422										
POLE LINE	2411					1.0910					
CONDUIT	2441					1.0250					

SUBTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

DATE = 22-Sep-94

TIME= 10:48 AM

WEIGHTING DEVELOPMENT OF GAUGES FOR COPPER TECHNOLOGY

SERVICE CLASS=

LIAL-NONINTEGRATED

LOOP LENGTH (FEET) = 10000.00

(A)	(B)	(C)	(D=A*C)	(B*C)
·		% OF	ADJ.	ADJ.
DTC	PFI	OCCURENCE	DTC	PFI
••••	****	*******	*********	*******
		1.000000		•
		1.000000		•
		1.000000		
	DTC	DTC PFI	% OF DTC PFI OCCURENCE 1.000000 1.000000	% OF ADJ. DTC PFI OCCURENCE DTC 1.000000 1.000000

Total= 3.000000 Total= 3.00 Tot = 1.000000

MATRIX	Z	MATRIX	4			
MELDED DISTRIE	BUTTON	MELDED PAIR				
TO CODE		FOOT INVESTMENT				
• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	**************				
AERIAL	#5	AERIAL	#6			
BURIED #5		8ÚR I ED				
UNDERG	#5	UNDERG #6				
	000000					

THEORETICAL RESISTANCE DESIGN

	•••••	PERCENTAGE	• • • • • • • • • • • • • • • • • • • •	····FOOTAGE			
FOOTAGES	26 GA	24 GA	22 GA	26 GA	24 GA		
•••••	••••		• • • • • • • • • • • • • • • • • • • •	•••••	•••••		
1000	1.0000			1000.00			
2000	1.0000			2000.00			
3000	1.0000			3000.00			

WORKSHEET

FACILITY TYPE:

COPPER CABLE

DATE = 22-Sep-94 TIME= 10:49 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

LOOP		MATRIX 2	MATRIX 3	MATRIX 4	MATRIX 5	MATRIX 6	MATRIX 7	MATRIX 8	MATRIX 9
LENGTH		RELATIVE	LOOP	CABLE				•	JE I GHTED
IN FEET	TYPE OF	MIX OF	LENGTH	INVESTMENT	CABLE	WEIGHTED	AIR DRYER	DROP WIRE DR	ROP WIRE
AND	CABLE	CABLE	BY TYPE	PER	INVESTMENT	TERMINAL	INVESTMENT	ADJUSTMENT AD	JUSTMENT
DESIGN	PLANT -	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	PER PAIR P	PER PAIR
	• • • • •	•••••	•••••	*****		•••••	*****		

11000.00 AERIAL

PAGE -52-

26 GAUGE COPPER CABLE

1.000000

AERIAL DROP INV.=

BURIED DROP INV.=

INTRA BLDG CBLE =

BLDG ENTR. CBLE =

INVESTMENT PER PAIR IN CENTRAL OFFICE

PROB. AERIAL TERM. = CONNECTORS =

AERIAL TERM INV = MISC. COMMON EQPT. & POWER FACTOR (377C) =

PROB. BURIED TERM. = MCE&P INVESTMENT (CO CONN X FACTOR) =

BURIED TERM INV = MFT INVESTMENT =

POLE LINE FACTOR = MFT PROBABILITY OF OCCURRENCE =

POLE LINE INVESTMENT TOTAL MFT INVESTMENT = (NOTE 5)

(TOTAL AER CA INV X FACTOR) MISC. COMMON EQPT. & POWER FACTOR (57C) =

UG CONDUIT FACTOR = LAND FACTOR =

CONDUIT INVESTMENT = LAND NVST (CO CONN+MCE&P+MFT INV+MEC&P) x FACTOR =

(TOTAL UG CA INV x FACTOR)

BUILDING FACTOR =

BLDG NVST (CO CONN+MCE&P+MFT INV+MEC&P) x FACTOR =

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURENCE.
NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

NOTE 5: IF LOOP LENGTH IS < 9000 FT. = MFT INVESTMENT x PROBABILITY OF OCCURRENCE IF LOOP LENGTH IS > 8999 FT. = MFT INVESTMENT

FACILITY TYPE: COPPER CABLE

CIRCUIT QUANTITY: 1

LOOP DISTANCE (FT):

DATE = 22-Sep-94

TIME= 10:49 AM

STATE: Florida

11000

SERVICE CLASS: LIAL-NONINTEGRATED

5A-1 EQV.

-				UNIT FMENTS		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION		1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY INCL. UTILIZATION	
(a)	(b)	(c) FIXED	(d)	(e)		(f)	(g)	(h)	(i)	(D)
	USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP
********	••••		•••••	•••••	•••••	•••••	*******	••••	•••••	•••••
LAND	2111	٧			1		•	1.00		
BUILDING	2121	V			1			1.00		
BLDG ENTRANCE CBLE	2421	٧			1			1.00		
INTRABLOG CABLE	2421	٧			1			1.00		
AERIAL CABLE	2421	٧			. 1			0.70		
TERM INV	2421	٧			1			0.70		
AIR DRYER	2421	٧			1			0.70		
DROP WIRE	2421	٧			1			0.70		
BURIED CABLE	2423	٧			1			0.70		
TERM INV	2423	٧			1			0.70		
AIR DRYER	2423	٧			1			0.70		
DROP WIRE	2423	· v			1			0.70	ŀ	
UNCERGROUND CABLE	2422	٧			1			0.70		
AIR DRYER	2422	٧			1			0.70		
DROP WIRE	2422	٧			1			0.70		
CO EQPT - ESS	2212	٧			1			0.70		
MCE&P - CO	2212	٧			1			0.70		
CO EQPT . MFT	2212	V			1			1.00		
HCE&P - MFT	2212	٧			1			1.00		
POLE LINE	2411	٧			1			0.70		
CONDULT	2441	٧			1			0.70		

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: DROP WIRE - MATRIX 8 + MATRIX 9

FACILITY TYPE: CIRCUIT QUANTITY:

COPPER CABLE

58 EQV.

DATE = 22-Sep-94

LOOP DISTANCE (FT):

11000

TIME= 10:49 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 INVESTI		•		TOTAL ANNUAL	1990 TOTAL MONTHLY COSTS	
(a)	(b)	(c)	(d)	(e) Annual	(f)	(g)	(i)	(j)
	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
*******	••••		•••••	•••••	*******	*******	*******	*******
LAND	2111			12,0000				
BUILDING	2121			12.0000				
BLDG ENTRANCE CBLE	2421			12.0000				
INTRABLDG CABLE	2421			12.0000				
AERIAL CABLE (COPPER)	2421			12.0000				
BURIED CABLE (COPPER)	2423			12.0000				
UNDRGRND CEL (COPPER)	2422			12.0000				
CO EQPT - P GAIN	2211			12.0000				
CO EQPT . ESS	2212			12.0000				
MCEEP . CO	2212			12.0000				
CO EGPT . MFT	2212			12.0000				
MCEEP - MFT	2212			12.0000				
AERIAL CABLE (FIBER)	2421			12.0000				
BURIED CABLE (FIBER)	2423			12.0000				
UNDRGRND CABLE (FIBER	2422			12.0000				
POLE LINE	2411			12.0000				
CONDUIT	2441			12.0000				

SUBTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EQPT - ESS = CONNECTORS + MISC. CP&E.

FACILITY TYPE:

COPPER CABLE

50 EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: 1 LOOP DISTANCE (FT): 11000 CIRCUIT QUANTITY:

TIME= 10:49 AM

STATE: Florida

SERVICE CLASS: LIAL-NOMINTEGRATED

		1990 TOTAL A COSTS		1990 TOTAL MOI	NTHLY COSTS		1993 TOTAL A COST		1993 TOTAL MONT	HLY COSTS
(a)	(b)	(c)	(d)	(e)	(f)	1990 TO	(g)	(h)	(1)	Œ
	USCA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
•••••	••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	•••••	********	•••••	•••••	•••••
						4 0000				
LAND	2111					1.0000				
BUILDING	2121					1.0830				
BLDG ENTRANCE CBLE	2421					1.0020				
INTRABLDG CABLE	2421					0.9920				
AERIAL CABLE (COPPER)	2421					1.0020				
SURIED CABLE (COPPER)	2423					1.0180				
UNDRGRND CBL (COPPER)	2422					0.9920				
CO EGPT - P GAIN	2211									
CO EQPT - ESS	2212					0.8890		•		
MCE&P - CO	2212					0.8890				
CO EQPT - MFT	2212					1.0690				
HCEEP - MFT	2212					1.0690				
AERIAL CABLE (FIBER)	2421									
BURIED CABLE (FIBER)	2423	•								
UNDRGRND CBL (FIBER)	2422				•					
POLE LINE	2411		•			1.0910				
CONDULT	2441					1.0250				

SUBTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

DATE = 22-Sep-94 TIME= 10:49 AM

WEIGHTING DEVELOPMENT OF GAUGES FOR COPPER TECHNOLOGY

SERVICE CLASS=

2000

3000

1.0000

1.0000

LIAL-NONINTEGRATED

LOOP LENGTH (FEET) = 11000.00

	(A)		(8)		(C)		(D=A+C)	(8*C)
					X OF		ADJ.	ADJ.
DESC.	DTC		PFI		OCCURÊNCE		DTC	PFI
			••••		•••••	•	••••••	******
PBA26	• • •				1.000000			•
PBB26					1.000000			
PBU26					1.000000			
PBA24								
P8B24								
PBU24								
PBA22								
P8822								
PBU22								
Total=	3.000000			Total=	3.00	Tot =	1.000000	
		MAT	RIX 2	•••	MATS	RIX 4	••	
		HELDED DIS	TRIBUTION		MELDED PAIR	R	•	
		TO CODE			FOOT INVEST	TMENT		
		AERIAL	****	*5	AERIAL		#6	
•		BUR (ED		#5	BUR I ED		#6	
		UNDERG		#5	UNDERG		#6	
		Total =	1.000000	ı				
THEORETICA	L RESISTAN	CE DESIGN						
			• • • • • • • • • • • • • • • • • • • •	•	•••••	FOOTAGE-		
FOOTAGES	26 GA	24 GA	22 GA		26 GA	24 GA		
	•••••	******	******			•••••		
1000	1.0000				1000.00			

2000.00

3000.00

WORKSHEET

FACILITY TYPE:

COPPER CABLE

DATE = 22-Sep-94
TIME= 10:50 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

LOOP		MATRIX 2	MATRIX 3	MATRIX 4	MATRIX 5	HATRIX 6	MATRIX 7	MATRIX 8	MATRIX 9
LENGTH		RELATIVE	LOOP	CABLE					WEIGHTED
IN FEET	TYPE OF	MIX OF	LENGTH	INVESTMENT	CABLE	WELGHTED	AIR DRYER	DROP WIRE	DROP WIRE
AND	CABLE	CABLE	BY TYPE	PER	INVESTMENT	TERMINAL	INVESTMENT	ADJUSTMENT	ADJUSTMENT
DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	INVESTMENT	PER PAIR	PER PAIR	PER PAIR
•••••		•••••	•••••	•••••		•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •

12000.00 AERIAL

PAGE -57-

26 GAUGE

BURLED

COPPER

CABLE UNDERGRND

1.000000

AERIAL DROP INV.=

JURIED DROP INV.=

INTRA BLOG CBLE =

BLDG ENTR. CBLE .

PROB. AERIAL TERM.=

AERIAL TERM INV=

PROB. BURIED TERM.=

BURIED TERM INV=

POLE LINE FACTOR =

POLE LINE INVESTMENT

(TOTAL AER CA INV x FACTOR)

UG CONDUIT FACTOR =

CONDUIT INVESTMENT =

(TOTAL UG CA INV x FACTOR)

PROB. OF AERIAL DROP=

PROB. OF SURIED DROP=

PROS IBC =

PROS BEC =

INVESTMENT PER PAIR IN CENTRAL OFFICE

CONNECTORS =

MISC. COMMON EQPT. & POWER FACTOR (377C)=

MCE&P INVESTMENT (CO CONN x FACTOR) =

MFT INVESTMENT =

MFT PROBABILITY OF OCCURRENCE =

TOTAL MFT INVESTMENT = (NOTE 5)

MISC. COMMON EQPT. & POWER FACTOR (57C)=

HCERP INVESTMENT (MFT x FACTOR) =

LAND FACTOR =

LAND NVST (CO CONN+MCEEP+MFT INV+MECEP) x FACTOR =

BUILDING FACTOR =

BLDG NVST (CO CONN+MCE&P+HFT INV+MEC&P) x FACTOR =

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

NOTE 3: MATRIX 6 & 9 = INVESTMENT x PROBABILITY OF OCCURENCE.

NOTE 4: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET C (#5,#6).

NOTE 5: IF LOOP LENGTH IS < 9000 FT. = MFT INVESTMENT x PROBABILITY OF OCCURRENCE

IF LOOP LENGTH IS > 8999 FT. = MFT INVESTMENT

FACILITY TYPE: COPPER CABLE

1

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

12000

TIME= 10:50 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

5A-1 EQV.

				UNIT TMENTS	,	INVESTME CIRCUIT EXCL. UT	UNIT ENTS FOR QUANTITY ILIZATION		1990 INVESTME CIRCUIT INCL. UT	ENTS FOR QUANTITY
(a)	(b)	(c) FIXED	(d)	(e)	•	(f)	(9)	(h)	(1)	(j)
	USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP
********	••••	•••••	•••••	•••••	•••••	•••••	•••••	••••.	•••••	•••••
LAND	2111	٧			1			1.00		
BUILDING	2121	V			1			1.00		
BLDG ENTRANCE CBLE	2421	٧			1			1.00		
INTRABLOG CABLE	2421	٧			1			1.00		
AERIAL CABLE	2421	٧			. 1			0.70		
TERM INV	2421	٧			1			0.70		
AIR DRYER	2421	V			1			0.70		
DROP WIRE	2421	V			1			0.70		
URIED CABLE	2423	٧			1			0.70		
TERM INV	2423	٧			1			0.70		
AIR DRYER	2423	V	,		1			0.70		
DROP WIRE	2423	٧			1			0.70		
UNDERGROUND CABLE	2422	٧			1			0.70		
AIR DRYER	2422	٧	•		1			0.70		
DROP WIRE	2422	٧			1			0.70		
CO EQPT - ESS	2212	٧			1	•		0.70		
MCEEP - CO	2212	٧			1			0.70		
CO EQPT - MFT	2212	٧			1			1.00		
MCE&P . MFT	2212	٧			1			1.00		
POLE LINE	2411	٧			1			0.70		
CONDUIT	2441	٧			1			0.70		

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: DROP WIRE = MATRIX 8 + MATRIX 9

FACILITY TYPE:

COPPER CABLE

5B EQV.

DATE = 22-Sep-94

CIRCUIT QUANTITY: LOOP DISTANCE (FT):

12000

TIME= 10:50 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 INVESTI	•		TOTAL ANNUAL COSTS	1990 TOTAL HONTHLY COSTS		
· (a)	(b)	(c)	(d)	(e) Annual	(f)	(g)	(1)	(D)
	USQA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
*********	••••	*******	*******	*****	********	*******	•••••	••••••
LANO	2111			12.0000				
BUILDING	2121	-		12.0000				
BLDG ENTRANCE CBLE	2421			12.0000				
INTRABLDG CABLE	2421			12.0000				
AERIAL CABLE (COPPER)	2421			12.0000				
BURIED CABLE (COPPER)	2423			12.0000				
UNDRGRND CBL (COPPER)	2422			12.0000				
CO EGPT - P GAIN	2211			12.0000				
CO EQPT . ESS	2212			12.0000				
HCERP - CO	2212			12.0000				
CO EQPT - MFT	2212			12.0000				
MCEEP - MFT	2212			12.0000				
AERIAL CABLE (FIBER)	2421			12.0000				
BURIED CABLE (FIBER)	2423	•		12.0000				
UNDRGRND CABLE (FIBER	2422			12.0000				
POLE LINE	2411			12.0000				
CONDUIT	2441			12.0000				

SUBTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EGPT - ESS = CONNECTORS + MISC. CP&E.

FACILITY TYPE:

COPPER CABLE

DATE = 22-Sep-94 TIME= 10:50 AM

FACILITY TIPE.
CIRCUIT QUANTITY:

12000

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 TOTAL A COSTS		1990 TOTAL HON	ITHLY COSTS		1993 TOTAL A COST		1993 TOTAL MONT	HLY COSTS
(a)	(p)	(c)	(d)	(e)	(f)	1990 TO	(g)	(h)	(i)	(j)
PLANT ITEM	USQA CODE	LOOP TERM	LINE HAUL EQUIP	LOOP TERM	LINE HAUL	1993 TPI	LOOP TERM EQUIP	LINE HAUL	LOOP TERM EQUIP	LINE HAUL
•••••	• • • •	•••••	•••••	•••••	•••••	•••••	•••••	•••••	•••••	•••••
LAND	2111					1.0000				
BUILDING	2121					1.0830				•
BLDG ENTRANCE CBLE	2421					1.0020				
INTRABLDG CABLE	2421					0.9920				
AERIAL CABLE (COPPER)	2421					1.0020				
BURIED CABLE (COPPER)	2423					1.0180				
UNDRGRND CBL (COPPER)	2422					0.9920				
CO EGPT . P GAIN	2211									
O EQPT - ESS	2212					0.8890				
MCEEP - CO	2212					0.8890				
CO EQPT - MFT	2212					1.0690				
MCEEP - MFT	2212					1.0690				
AERIAL CABLE (FIBER)	2421									
BURIED CABLE (FIBER)	2423			•					•	
UNDRGRND CBL (FIBER)	2422									
POLE LINE	2411					1.0910				
CONDUIT	2441					1.0250				

TOTALS

SUBTOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

DATE = 22-Sep-94

TIME= 10:50 AM

WEIGHTING DEVELOPMENT OF GAUGES FOR COPPER TECHNOLOGY

SERVICE CLASS=

LIAL-NONINTEGRATED

LOOP LENGTH (FEET) = 12000.00

	(A)	(B)	(C)	(D=A*C)	(B*C)
			% OF	ADJ.	ADJ.
DESC.	DTC	PFI	OCCURENCE	DTC	PFI
••••	••••	****	********	********	******
PBA26			1.000000		
PBB26			1.000000		
PBU26			1.000000		
PBAZ4					
P8824					
P8U24					
PBA22					
P8822					
PBU22		,			

Total= 3.000000 Total= 3.00 Tot = 1.000000

· · · · · · · · MAT	RIX Z·····	MATRIX	4			
MELDED DIS	TRIBUTION	HELDED PAIR				
TO CODE		FOOT INVESTMENT				
• • • • • • • • • •	*******		•••••			
AERIAL	#5	AERIAL	#6			
BURIED	#5	BURTED	#6			
JNDERG	#5	UNDERG	#6			
Total =	1.000000					

THEORETICAL RESISTANCE DESIGN

	• • • • • • • • • • • • •	PERCENTAGE	•••••	FOOTAGE				
FOOTAGES	26 GA	24 GA	22 GA	26 GA	24 GA			
•••••	•••••	•••••	•••••	******	•••••			
1000	1.0000			1000.00				
2000	1.0000			2000.00				
3000	1.0000			3000.00				

WORKSHEET D Band Dist. = 5,000 FT.

	DATE =	22-Sep-94				•		-
		10:51 AM	(A) 1990	(B)	(C) MINIMUM	(D) (B-C)/1000	(E) 1990	(F) A+(0*E)
			ANNUAL	DISTANCE	DIST. FOR		TOTAL INVEST.	W'TD INVEST
DESIGN	DESCRIPTION		INVEST.	(FEET)	PAIR GAIN	RATIO	1000 FT FIBER	1990
*****			******	*******		********	•••••	•••••
	PAIR GAIN ON FIBER :							
1	CO-HUB(NON COLOC.)			5,000	5,000	0.00		
2	CO-HUB(NON COLOC.)	•		5,000	5,000	0.00	•	
3	CO-LOCATED HUB/RT			5,000	5,000	0.00		
4	COLOCATED HRT &CP			5,000	5,000	0.00		
5	CO-HUB(NON-COL)			5,000	5,000	0.00		
6	CO-HUB(NON-COL)			5,000	5,000	0.00		
	PAIR GAIN ON COPPER:						1000 FT COPPE	t
1	NON COLOCATED RT			5,000	5,000	0.00		
				PAGE -62	!•			
2	COLOCATED RT	•		5,000	5,000	0.00		,
• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •		/81	(C)	(0)	(E)	(f)
			(A) 1993	(8) Gand	HIRIMUM	(D) (B-C)/1000		
			AHNUAL	DISTANCE	DIST. FOR	(8-0)/1000	ANNUAL COSTS	
	DESCRIPTION		COST	(FEET)	PAIR GAIN	RATIO	1000 FT FIBER	
•				******	*********	*******	*************	
	PAIR GAIN ON FIBER :							
1	CO-HUB(NON COLOC.)			5,000	5,000	0.00		
2	CO-HUB(NON COLOC.)	•		5,000	5,000	0.00		
3	CO-LOCATED HUB/RT			5,000	5,000	0.00		
4	COLOCATED HRT &CP			5,000	5,000	0.00		
5	CO-HUB(NON-COL)			5,000	5,000	0.00		
6	CO-HUB(NON-COL)			5,000	5,000	0.00		
	PAIR GAIN ON COPPER:						1000 FT COPPE	R
								•
1	NON COLOCATED RT			•	5,000		\$	
2	COLOCATED RT			5,000	_	0.00		
*****		••••	(A)	(8)	(C)		(E)	(F)
	•		1993					
				DISTANCE			MONTHLY COSTS	WITD INVES
-	DESCRIPTION		COST	(FEET)	PAIR GAIN		1000 FT FIBER	1990
		• .	•••••	•••••	********			*********
	PAIR GAIN ON FIBER:							
1	CO-HUB(NON COLOC.)			5,000				
2	CO-HUB(NON COLOC.)			5,000				
3	CO-LOCATED HUS/RT			5,000				
4	COLOCATED HRT &CP			5,000				
5	CO-HUB(NON-COL)			5,000				
6	CO-HUB(NON-COL)			5,000	5,000	0.00		
	PAIR GAIN ON COPPER:						1000 FT COPPE	R
	Liver Malta and Amil Pull							. •

SERVICE CLASS= LIAL-NONINTEGRATED

F18801Z

(A) (B) (C) (D) (E) (F)

NON COLOCATED RT
COLOCATED RT
5,000 5,000 0.00

5,000 0.00

SERVICE CLASS:

CIAL-NONINTEGRATED

STATE:

Florida

Band Distance = 5,000 FT.

	(A)	(B) 1990 TOTAL	(C) 1993 TOTAL ANNUAL	(D) 1993 TOTAL MONTHLY	(E) PROBABILITY OF	(F) 1990	(G) 1993 ANNUAL	(H) 1993 TOTAL HONTHLY
DESIGNI	TYPE	INVEST.	COST	COST	DESIGN	INVESTMENT	COST	COST
•••••	******		•••••		*********		*****	•••••
	PAIR GAIN ON FIBER TE	CHNOLOGY	ļ					
#1	TERMINAL INVESTMENT				9 64			450 **
	• CO-HUB(NON COLOC.)							
	HUB-RT: FISER							
	RT DISTR (COPPER)	•						
#2	TERMINAL INVESTMENT		!					
~-	* CG-HUB(NON COLOC.)		:					
	HUB-RT: COPPER		÷					
	RT DISTR (COPPER)							
#3	TERMINAL INVESTMENT							
	* CO-LOCATED HUB/RT							
	RT DISTR (COPPER)							
. #4	TERMINAL INVESTMENT							
	* COLOCATED HRT &CP							
#5	TERMINAL INVESTMENT							
	* CO-HUB(NON-COL)							
	HUB-RT: FIBER							
	•							
#6	TERMINAL INVESTMENT				,			
	• CO-HUB(NON-COL)							
	HUB-RT: COPPER					•		
		SUS TOTAL P	ROB'S PGAIN	FIBER =			TOTAL =	
	PAIR GAIN ON COPPER T	ECHNOLOGY		•				
			1					
#1	TERMINAL INVESTMENT							
	NON COLOCATED RT							
	RT DISTR (COPPER)							
#2	COLOCATED RT	:						
·	TERMINAL INVESTMENT	•						
					•••••	•		
		SUB TOTAL P	ROB'S PGAIN	COPPER -			TOTAL =	
								•••••
	NOTES:							

NOTES:

- 1. TERMINAL INVESTMENT INCLUDES APPROPRIATE BUILDING CABLE AND TERMINAL CALCULATIONS
- . SEE WORKSHEET D FOR DETAILED EXPLANATION OF THE FIGURES IN COLUMNS B, C, & D.
- 2. COLUMN B DEVELOPMENT FROM WORKSHEET D.

					WORK	SHEET D		
	SERVICE CLASS=		GRATED	4.	Band Dist. =	6,000	FT.	
	DATE =	22 · Sep · 94						
	TIME=	10:52 AM	(A)	(B)	(C)	(D)	(E)	(f)
			1990	BAND	MINIMUM	(B-C)/1000	1990	A+(D*E)
			ANNUAL	DISTANCE	DIST. FOR		TOTAL INVEST.	· · · · · ·
DESIGN	DESCRIPTION	•	INVEST.	(FEET)	PAIR GAIN	RATIO	1000 FT FIBER	1990
			******	,				
	DAID CAIN ON EIRES .							
•	PAIR GAIN ON FIBER :			4 000	5 000	4 44		
1	CO-HUB(NON COLOC.)	i		6,000	5,000	1.00		
2	CO-HUB(NON COLOC.)		*	6,000	5,000	1.00		
3	CO-LOCATED HUB/RT			6,000	5,000	1.00		
4	COLOCATED HRT &CP			6,000	5,000	1.00		
5	CO-HUB (NON-COL)			6,000	5,000	1.00		
6	CO-HUB (NON-COL)			6,000	5,000	1.00		
	PAIR GAIN ON COPPER:						1000 FT COPPE	R
							••••••	•
1	NON COLOCATED RT			6,000	5,000	1.00		
2	COLOCATED RT			6,000	5,000	1.00		
	• • • • • • • • • • • • • • • • • • • •					******		
		_	(A)	(B)	(C)	(0)	(E)	(F)
		· •	1993	BAND	MINIMUM	(B-C)/1000	1993	
			ANNUÁL				ANNUAL COSTS	
	DESCRIPTION		COST	(FEET)	PAIR GAIN		1000 FT FIBER	
	DESCRIPTION			(1661)	rain unia	KATIO	1000 FI FEBER	1770
	0410 6410 60 61860 ·				*************			
	PAIR GAIN ON FIBER :							
. 1	CO-HUB(NON COLOC.)			6,000		1.00		
2	CO-HUB(NON COLOC.)			6,000	•	1.00		
3	CO-LOCATED HUB/RT			6,000		1.00		
4	COLOCATED HRT &CP			6,000	5,000	1.00		
5	CO-HUB(NON-COL)			6,000		1.00		
6	CO-HUB(NON-COL)			6,000	5,000	1.00		
	•			·	•		ı	
	PAIR GAIN ON COPPER:						1000 FT COPPE	R
			•					•
1	NON COLOCATED RT			6,000	5,000	1.00	•	
2	COLOCATED RT			6,000	5,000	1.00		
				•				
		••••••	(A)	(B)	(C)	(D)	(E)	(F)
	·		1993			(8-C)/1000		
				BAND	MINIMUM	(8-0)/1000		
			MONTHLY	DISTANCE	DIST. FOR		MONTHLY COSTS	
	DESCRIPTION		COST	(FEET)	PAIR GAIN	RATIO	1000 FT FIBER	1990
			•••••	•••••••		•••••	***********	*********
	PAIR GAIN ON FIBER:							
. 1	CG-HU8(NON COLOC.)			6,000	5,000	1.00		
2	CO-HUB(NON COLOC.)			6,000	5,000	1.00		
3	CO-LOCATED HUB/RT			6,000	5,000	1.00		
4	COLOCATED HRT &CP			6,000	5,000	1.00		
5	CO-HUB (NON-COL)			6,000	5,000	1.00		
6	CO-HUB(NON-COL)			6,000	5,000	1.00		
•				-,	• • • •			
	PAIR GAIN ON COPPER:						1000 FT COPPE	R
								•
. 1	NON COLOCATED RT		\$565.16	6,000	5,000	1.00		
2	COLOCATED RT		\$576.15	•	5,000	1.00		
	·			•				
			FIR	BOIZ		0.0	100 00	
				5012		Üί	100,25	

SERVICE CLASS:

LIAL-NONINTEGRATED

STATE:

florida

Band Distance = 6,000 FT

DESIGN:	(A) CARRIER TYPE	(B) 1990 TOTAL INVEST.	ANNUAL	(D) 1993 TOTAL MONTHLY COST	(E) PROBABILITY OF DESIGN	(F) 1990 Envestment	(G)	1993 ANNUAL COST	(H) 1993 TOTAL MONTHLY COST
•••••	PAIR GAIN ON FIBER TE	CHNOLOGY	•••••		**********	**********		*****	*******
#1	TERMINAL INVESTMENT								
*1	• CO-HUB(NON COLOC.)	:				i			
•	HUB-RT: FIBER								
	RT DISTR (COPPER)	:				1			
#2	TERMINAL INVESTMENT					'			
	• CO-HUB(NON COLOC.)	:			į.				
	HUB-RT: COPPER				•				
	RT DISTR (COPPER)	!							
#3	TERMINAL INVESTMENT	•							
	• CO-LOCATED HU8/RT	:							
	RT DISTR (COPPER)	•	:						
. #4	TERMINAL INVESTMENT	,	•						
	• COLOCATED HRT &CP	•	!						
#5	TERMINAL INVESTMENT	•	!						
	* CO-HUB(NON-COL)	:	1						
	HUB-RT: FIBER		I						
						•			
#6	TERMINAL INVESTMENT		i						
	• CO-HUB(NON-COL) HUB-RT: COPPER	!	Į.						
	NUB-RI: COPPER		'			•			
		SUS TOTAL	PROB'S PGAIN	FIBER =			TOTAL	*	
	PAIR GAIN ON COPPER 1	ECKNOLOGY							
#1	TERMINAL INVESTMENT								
	* NON COLOCATED RT			:					
	RT DISTR (COPPER)			:					
#2	• COLOCATED RT			1					
	TERMINAL INVESTMENT	ľ							
		CIE TOTAL	PROB'S PGAIN	CUBBES =		•	TOTAL	*	
		JOB TOTAL	FRUD'S FURIA	COFFER 9					

- 1. TERMINAL INVESTMENT INCLUDES APPROPRIATE BUILDING CABLE AND TERMINAL CALCULATIONS
- * SEE WORKSHEET D FOR DETAILED EXPLANATION OF THE FIGURES IN COLUMNS 8, C, & D.
- 2. COLUMN B DEVELOPMENT FROM WORKSHEET D.

			-		WORK	SHEET D		
	SERVICE CLASS=	LIAL-NONINTE	GRATED	•	Band Dist. =	7,000	FT.	
	DATE =	22-Sep-94						
	TIME=	10:52 AM	(A)	(B)	(C)	(D)	(E)	(F)
			1990	BAND	MINIMUM	(B-C)/1000	1990	A+(D*E)
			ANNUAL	DISTANCE	DIST. FOR		TOTAL INVEST.	
DESIGN	DESCRIPTION		INVEST.	(FEET)	PAIR GAIN		1000 FT FIBER	
•••••			•••••		•••••		************	•••••
	PAIR GAIN ON FIBER :							
1	CO-HUB(NON COLOC.)	;	•	7,000	5,000	2.00	i	
2	CO-HUB(NON COLOC.)	-		7,000	•	2.00		
3	CO-LOCATED HUB/RT	·		7,000	•	2.00		
4	COLOCATED HRT &CP			7,000	-	2.00		
5								
	CO-HUB(HON-COL)			7,000	=	2.00		
6	CO-HUB (NON - COL)			7,000	5,000	2.00		
	PAIR GAIN ON COPPER:						1000 FT COPPE	R
		•					•••••	•
1	NON COLOCATED RT			7,000	-	2.00		
2	COLOCATED RT			7,000	5,000	2.00		
•••••	• • • • • • • • • • • • • • • • • • • •	•••••		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	******	•••••
			(A)	(B)	(C)	(D)	(E)	(F)
		•	1993	SAND	MINIMUM	(B-C)/1000	1993	A+(D*E)
			ANNUAL	DISTANCE	DIST. FOR		ANNUAL COSTS	W'TD INVEST
	DESCRIPTION		COST	(FEET)	PAIR GAIN	RATIO	1000 FT FIRER	1990
	•••••		•••••	•••••	•••••	•••••	•••••	•••••
	PAIR GAIN ON FIBER :			,				
1	CO-HUB(NON COLOC.)			7,000		2.00		
. 2	CO-HUB(NON COLOC.)			7,000		2.00		
3	CO-LOCATED HUB/RT			7,000	-	2.00		
4	COLOCATED HRT &CP			7,000				
5	CO-HUB(NON-COL)			7,000		2.00		
6	CO-HUB(NON-COL)			7,000	5,000	2.00		
•				.,,,,,	2,000	5.00		
	PAIR GAIN ON COPPER:						1000 FT COPPE	R
_			•	7		2 00	•••••	•
1	NON COLOCATED RT			7,000	·	2.00		
2	COLOCATED RT			7,000	5,000	2.00		
		••••••	(A)	(B)	(C)	(D)	(E)	(F)
	•		1993	BAND	MINIMUM	(B-C)/1000		
			MONTHLY		DIST. FOR	,,	MONTHLY COSTS	
	DESCRIPTION		COST	(FEET)	PAIR GAIN	RATIO	1000 FT FIBER	

	PAIR GAIN ON FIBER:			•				
1	CO-HUB(NON COLOC.)			7,000	5,000	2.00		
2	CO-HUB(HON COLOC.)			7,000		2.00		
3	CO-LOCATED HUB/RT			7,000		2.00		
4				7,000		2.00		
•	COLOCATED HRT &CP			=		2.00		
5	CO-HUB(NON-COL)			7,000		2.00		
6	CO-HUB(NON-COL)			7,000	5,000	2.00		
	PAIR GAIN ON COPPER:				·		1000 FT COPPE	R
				7 000	E 000	. 2.00		•
1	NON COLOCATED RT			7,000	-	2.00		
2	COLOCATED RT -			7,000	5,000	2.00		
·			FISR	012		000	10100	

F138012

SERVICE CLASS:

LIAL-NONINTEGRATED

STATE.

Florida

Band Distance = 7,000 FT

DESIGN:	CARRIER TYPE	(8) 1990 TOTAL INVEST.	(C) 1993 TOTAL ANNUAL COST	(D) 1993 TOTAL MONTHLY COST	PROBABILITY OF DESIGN	(F) 1990 INVESTMENT	(G) 1993 ANNUAL COST	(H) 1993 TOTAL ¹ MONTHLY COST
•••••	PAIR GAIN ON FIBER TEC	HNOLOGY	•••••	*****	*****	******	*****	••••••
#1	TERMINAL INVESTMENT CO-HUB(NON COLOC.) HUB-RT: FIBER RT DISTR (COPPER)							
#2	TERMINAL INVESTMENT * CO-HUB(NON COLOC.) HUB-RT: COPPER RT DISTR (COPPER)	•						
#3	TERMINAL INVESTMENT CO-LOCATED HUB/RT RT DISTR (COPPER)				······································		. .	
. #4	TERMINAL INVESTMEN: • COLOCATED HRT &CP							
#5	TERMINAL INVESTMENT CO-HUB(NON-COL) HUB-RT: FIBER		·					
#6	TERMINAL INVESTMENT CO-HUB(NON-COL) HUB-RT: COPPER							
	9	LIR TOTAL P	ROB'S PGAIN	FIRER =			TOTAL =	
	PAIR GAIN ON COPPER TE	-						
#1	TERMINAL INVESTMENT * NOW COLOCATED RT RT DISTR (COPPER)					-		
#2	COLOCATED RT TERMINAL INVESTMENT			0.00	***********			
	,	SUB TOTAL P	ROB'S PGAIN			1	TOTAL =	
	NOTES:							••••••

- 1. TERMINAL INVESTMENT INCLUDES APPROPRIATE BUILDING CABLE AND TERMINAL CALCULATIONS
- SEE WORKSHEET D FOR DETAILED EXPLANATION OF THE FIGURES IN COLUMNS B, C, & D.
- 2. COLUMN B DEVELOPMENT FROM WORKSHEET D.

F18B01Z

		PAGE -67	7.			٠,
			WORK	SHEET D	;	
SERVICE CLASS= LIAL- DATE = 22-5		÷	Band Dist. =	8,000	FT	•
	153 AM (A) 1990 ANNUAL	BAND DISTANCE	(C) MINIMUM DIST. FOR	(D) (B-C)/1000	TOTAL INVEST.	A+(D*E) W'TD INVES
DESCRIPTION	INVEST.	(FEET)	PAIR GAIN	RATIO	1000 FT FIBER	1990
PAIR GAIN ON FIBER :						
CO-HUB(NON COLOC.)		8,000	5,000	3.00		
CO-HUB(NON COLOC.)		8,000	5,000	3.00	•	
CO-LOCATED HUB/RT		8,000	5,000	3.00		
COLOCATED HRT &CP		8,000	5,000	3.00		
CO-HUB(NON-COL)		8,000	5,000	3.00		
CO-HUB(NON-COL)		8,000	5,000	3.00		,
PAIR GAIN ON COPPER:					1000 FT COPPE	R
NON COLOCATED RT		8,000	5,000	3.00		•
COLOCATED RT			5,000			
• • • • • • • • • • • • • • • • • • • •	(A)	(8)	(C)	(0)	(E)	(F)
	1993	BAND	MINIHUM	(B-C)/1000	1993	A+(D*E)
	ANNUAL				ANNUAL COSTS	
DESCRIPTION	COST	(FEET)	PAIR GAIN	RATIO	1000 FT FIBER	1990
PAIR GAIN ON FIBER :	•••••		**********	***************************************		
CO-HUB(NON COLOC.)		8,000	5,000	3.00		
CO-HUB(NON COLOC.)		8,000	•	3.00		
CO-LOCATED HUB/RT		8,000	=			
COLOCATED HRT &CP		8,000	-	·		
CO-HUB(NON-COL)		8,000				
CO-HUB (NON-COL)		8,000		3.00		
PAIR GAIN ON COPPER:					1000 FT COPPE	R

DESIGN

2

1

NON COLOCATED RT

•	HOW COLUMNIES AT		0,000	2,000			
2	COLOCATED RT		8,000	5,000	3.00		
•••••		(A)	. (B)	(C)	(D)	(E)	(F)
		1993	BAND	MINIMUM	(B-C)/1000	1993	A+(0*E)
		MONTHLY	DISTANCE	DIST. FOR		MONTHLY COSTS	WITD INVEST
	DESCRIPTION	COST	(FEET)	PAIR GAIN	RATIO	1000 FT FIBER	1990
	*******		•••••	• • • • • • • • •		************	
	PAIR GAIN ON FIBER:						
1	CO-HUB(NON COLOC.)		8,000	5,000	3.00		
2	CO-HUB(NON COLOC.)		8,000	5,000	3.00		
3	CO-LOCATED HUB/RT		8,000	5,000	3.00		
4	COLOCATED HRT &CP		8,000	5,000	3.00		
5	CO-HUB(NON-COL)		8,000	5,000	3.00		
6	CO-HUB(NON-COL)		8,000	5,000	3.00		
	PAIR GAIN ON COPPER:					1000 FT COPPI	ER .
							• -
1	NON COLOCATED RT		8,000	5,000	3.00		•
2	COLOCATED RT		8,000	5,000	3.00		

8,000

5,000

3.00

F18801Z.

SERVICE CLASS:

LIAL-NONINTEGRATED

STATE:

Florida

Band Distance = 8,000 FT

DESIGN:	(A) CARRIER TYPE	(B) 1990 TOTAL INVEST.	(C) 1993 TOTAL ANNUAL COST	(D) 1993 TOTAL MONTHLY COST	(E) PROBABILITY OF DESIGN	(F) 1990 INVESTMENT	(G) 199 ANNUA COS	L MONTHLY T COST
******	PAIR GAIN ON FISER TEC	HNOLOGY	*****	******	**********	**********	****	• ••••••
#1	TERMINAL INVESTMENT							**
••	CO-HUB(NON COLOC.) HUB-RT: FIBER RT DISTR (COPPER)							
#2	TERMINAL INVESTMENT					•		
	* CO-HUB(NON COLOC.)							
	HUB-RT: COPPER RT DISTR (COPPER)							
	KI UISIK (COPPER)							
#3	TERMINAL INVESTMENT							
	CO-LOCATED HUB/RT							
	RT DISTR (COPPER)							
. #4	TERMINAL INVESTMENT							
	• COLOCATED HRT &CP							
#5	TERMINAL INVESTMENT							
	* CO-HUB(NON-COL)							
	HUB-RT: FIBER							
40								
#6	TERMINAL INVESTMENT CO-HUB(NON-COL)							
	HUB-RT: COPPER							i
	· · · · · · · · · · · · · · · · · · ·	UB TOTAL PRO	B'S PGAIN	FIBER =	•••••	1	OTAL =	
	PAIR GAIN ON COPPER TE	CHNOLOGY					ů.	•••••
#1	* NON COLOCATED RT							
	RT DISTR (COPPER)							
#2	• COLOCATED RT							
	TERMINAL INVESTMENT			0.00				
	s	UB TOTAL PRO	B'S PGAIN			1	OTAL =	
								•••••
	NOTES:							

NOTES:

- 1. TERMINAL INVESTMENT INCLUDES APPROPRIATE BUILDING CABLE AND TERMINAL CALCULATIONS
- . SEE WORKSHEET D FOR DETAILED EXPLANATION OF THE FIGURES IN COLUMNS B, C, & D.
- 2. COLUMN B DEVELOPMENT FROM WORKSHEET D.

	SERVICE CLASS= L	IAL-NONINTE	GRATED	· •	Band Dist. =	9,000	FT.	
	DATE =	22-Sep-94	•			·		
	TIME=	10:53 AM	(A)	(8)	(C)	(D)	(E)	(F)
			1990	BAND	MUNIKIM	(B·C)/1000	· -	A+(D*E)
				DISTANCE	DIST. FOR	(5 0), (000	TOTAL INVEST.	
DESIGN	DESCRIPTION		INVEST.	(FEET)	PAIR GAIN	RATIO	1000 FT FIBER	1990
				(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		KAIIO	1000 FI FIBER	1990
	PAIR GAIN ON FIBER :	•						
1	CO-HUB(NON COLOC.)			9,000	E 000			
					5,000	4.00	•	
2	CO-HUB(NON COLOC.)			9,000	5,000	4.00		
3	CO-LOCATED HUB/RT			9,000	5,000	4.00		
4	COLOCATED HRT &CP			9,000	5,000	4.00		
5	CQ-HUB(NON-COL)			9,000	5,000	4.00		
6	CO-HUB (NON-COL)			9,000	5,000	4.00		
-	PAIR GAIN ON COPPER:						1000 FT COPPE	t
1	NON COLOCATED RT			9,000	5,000	4.00		
2	COLOCATED RT			9,000	5,000	4.00		
	• • • • • • • • • • • • • • • • • • • •	******	(A)	(8)	(C)	(0)	(E)	(F)
			1993	BAND	MINIMUM	(B-C)/1000		
			ANNUAL	DISTANCE	DIST. FOR		ANNUAL COSTS	
	DESCRIPTION		COST	(FEET)	PAIR GAIN	RATIO		1990
	***************************************				•••••	*******	************	
	PAIR GAIN ON FIBER :							
1	CO-HUB(NON COLOC.)			9,000	5,000	4.00		
. 2	CO-HUB(NON COLOC.)		•	9,000	5,000	4.00		
3	CO-LOCATED HUB/RT			9,000	•	4.00		
4					· ·			
-	COLOCATED HRT &CP			9,000	=	4.00		
5	CO-HUB(HON-COL)			9,000	•	4.00		
6	CO-HUB(NON-COL)			9,000	5,000	4.00		
	PAIR GAIN ON COPPER:						1000 FT COPPE	R
							•••••	•
1	NON COLOCATED RT			9,000	5,000	4.00		
2	COLOCATED RT			9,000	5,000	4.00		
	• • • • • • • • • • • • • • • • • • • •	•••••	(A)	(B)	(C)	(D)	(E)	(F)
			1993	BAND	MINIMUM	(B-C)/1000		
			MONTHLY		DIST. FOR		MONTHLY COSTS	
	DESCRIPTION		COST	(FEET)	PAIR GAIN	RATIO		
			•••••	*******	******			**********
	PAIR GAIN ON FISER:	r		•				
1	CO-HUB(NON COLOC.)			9,000	5,000	4.00		•
2	CO-HUB(NON COLOC.)			9,000	5,000	4.00		
3	CO-LOCATED HUB/RT			9,000	5,000	4.00		
4	COLOCATED HRT &CP			9,000	5,000	4.00		
5	CO-HUB(NON-COL)			9,000	5,000	4.00		
6	CO-HUB(HON-COL)			9,000	5,000	4.00		
O	CO-HOR(NOW-COC)			7,000	3,000	4.00		
	PAIR GAIN ON COPPER:						1000 FT COPPE	R
	•						•••••	•
1	NON COLOCATED RT			9,000	5,000	4.00		
2	COLOCATED RT			9,000	5,000	4.00		
•								
			- 1 -					

FISBUIZ

SERVICE CLASS:

LIAL - NONINTEGRATED

STATE:

florida

Band Distance = 9,000 FT

ESIGN:	CARRIER TYPE	1990 TOTAL INVEST.	(C) 1993 TOTAL ANNUAL COST	1993 TOTAL MONTHLY COST	(E) PROBABILITY OF DESIGN	(F) 1990 INVESTMENT	(G)	1993 ANNUAL COST	(H) 1993 TOTAL MONTHLY COST
	PAIR GAIN ON FIBER	TECHNOLOGY	*****	*****	********	************		******	******
#1	TERMINAL INVESTME	NT							
	* CO-HUB(NON COLOC.)							
	HUB-RT: FIBER								
	RT DISTR (COPPER)								
#2	TERMINAL INVESTME	I T							
	* CO-HUB(NON COLOC.)							
	HUB-RT: COPPER								
	RT DISTR (COPPER)								
#3	TERMINAL INVESTMEN	fT							
	* CO-LOCATED HUB/RT								:
	RT DISTR (COPPER)								
#4	TERMINAL INVESTMEN	IT							
	* COLOCATED HRT &CP								
#5	TERMINAL INVESTMEN	IT							
	* CO-HUB(HON-COL)								
	HUB-RT: FIBER								
ш2		_							!
#6	TERMINAL INVESTMEN	ır			1				
	* CO-HUB(NON-COL) HUB-RT: COPPER				I .				
	HOS-KI: COPPER								
		SUB TOTAL PRO	B'S PGAIN I	FIBER =		1	TOTAL :		
	PAIR GAIN ON COPPER	TECHNOLOGY						•	••••••
#1	TERMINAL INVESTMEN	· ·							
	NON COLOCATED RT	14							
	RT DISTR (COPPER)								
#2	COLOCATED RT								
	TERMINAL INVESTMEN	Т							
		CIR TATAL PRO	916 9V12 4		••••••				
		SUB TOTAL PRO	B-2 PGAIN C	UPPEK =		1	OTAL :		

- 1. TERMINAL INVESTMENT INCLUDES APPROPRIATE BUILDING CABLE AND TERMINAL CALCULATIONS
- * SEE WORKSHEET D FOR DETAILED EXPLANATION OF THE FIGURES IN COLUMNS 8, C, & D.
- 2. COLUMN B DEVELOPMENT FROM WORKSHEET D.

					WORK	SHEET D		
	SERVICE CLASS=		GRATED	7.	Band Dist. =	10,000	FT.	
	DATE =	22-Sep-94						
	TIKE=	10:54 AM	(A)	(8)	(C)	(D)	(E)	(F)
			1990	BAND	MUNIMUM	(B-C)/1000	1990	A+(D*E)
			ANNUAL	DISTANCE	DIST. FOR		TOTAL INVEST.	W'TO INVEST
DESIGN	DESCRIPTION		INVEST.	(FEET)	PAIR GAIN	RATIO	1000 FT FIBER	1990
			•••••	• • • • • • • •	*******	•••••	•••••	•••••••
	PAIR GAIN ON FIBER :							
1	CO-HUB(NON COLOC.)		•	10,000	5,000	5.00		
2	CO-HUB(NON COLOC.)			10,000	5,000	5.00		
3	CO-LOCATED HUB/RT			10,000	5,000	5.00		
4	COLOCATED HRT &CP			10,000	5,000	5.00		
5	CO-HUB(NON-COL)			10,000	5,000	5.00		
6	CO-HUB(NON-COL)			10,000	5,000	5.00		
•	CO-NOB(NON-COL)			10,000	3,000	3.00		
	DATE CATU ON COORES.						1000 ET 0000E	
	PAIR GAIN ON COPPER:						1000 FT COPPE	•
				40.000			************	•
1	NON COLOCATED RT			10,000	•	5.00		
2	COLOCATED RT			10,000	5,000	5.00		
••••••	•••••	• • • • • • • • • • • • •	• • • • • • • • • •		•••••			• • • • • • • • • • • • • • • • • • • •
			(A)	(8)	(C)	(D)	(E)	(F)
			1993-		MUMIKIM	(B-C)/1000	1993	A+(D*E)
			ANNUAL	DISTANCE	DIST. FOR		ANNUAL COSTS	W'TO INVEST
	DESCRIPTION		COST	(FEET)	PAÍR GAIN	RATIO	1000 FT FIBER	1990 .
	•••••		******	•••••	•••••	•••••	***********	
	PAIR GAIN ON FIBER :							•
. 1	CO-HUB(NON COLOC.)			10,000	5,000	5.00		
2	CO-HUB(NON COLOC.)			10,000	5,000	5.00		
3	CO-LOCATED HUB/RT			10,000	5,000	5.00		
4	COLOCATED HRT &CP			10,000	5,000	5.00		
5	CO-HUB(NON-COL)			10,000	5,000	5.00		
6	CO-HUB(NON-COL)			10,000	5,000	5.00		
•	CO-HOB(NON-COL)			10,000	3,000	5.00		
	0410 041H OH 0000FB.						1000 FT 6000E	_
	PAIR GAIN ON COPPER:						1000 FT COPPE	
•					5 000			•
1	NON COLOCATED RT			10,000	5,000	5.00		
2	COLOCATED RT			10,000	5,000	5.00		
**********	****************	**********	• • • • • • • • • • • • • • • • • • • •				••••••	
			(A)	(B)	(C)	(D)	(E)	(F)
			1993	BAND	MINIMUM	(B-C)/1000		
			MONTHLY	DISTANCE	DIST. FOR		MONTHLY COSTS	W'TD INVEST
	DESCRIPTION		COST	(FEET)	PAIR GAIN	RATIO	1000 FT FIBER	1990
			• • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	•••••
	PAIR GAIN ON FIBER:							
1	CO-HUB(NON COLOC.)	•		10,000	5,000	5.00	:	
2	CO-HUB(NON COLOC.)			10,000	5,000	5.00		
3	CO-LOCATED HUB/RT			10,000	5,000	5.00		
4	COLOCATED HRT &CP			10,000	5,000	5.00		
5	CO-HUB(NON-COL)			10,000		5.00		
6	CO-HUB(NON-COL)			10,000	=	5.00		
J	A HARFHAM ARF.				2,000	2.30		
	DATE OF THE ON SECOND						1000 FT COPPE	ъ .
	PAIR GAIN ON COPPER:						1000 FI COPPE	
				40.000	e 000	E 64		-
1	NON COLOCATED RT			10,000		5.00		
2	COLOCATED RT			10,000	5,000	5.00		
	•							

SERVICE CLASS:

LIAL-NONINTEGRATED

STATE:

Florida

Band Distance = 10,000 FT

	(A)	(8) 1990	(C) 1993 Total	(D) 1993	(E)	(F)	(G)	1007	(H) 1993
	CARRIER	TOTAL	ANNUĀL	MONTHLY	PROBABILITY OF	1990	A	1993 NUAL	JATOT YJKTHOM
DESIGN:	TYPE	INVEST.	COST	COST	DESIGN	INVESTMENT		COST	COST
*****	PAIR GAIN ON FIBER TEC	HNOLOGY	*****	*****	1	***********	• !	••••	
#1	TERMINAL INVESTMENT		ů.		1	t		ĺ	
**	* CO-HUB(NON COLOC.)							1	
	KUB-RT: FIBER								
	RT DISTR (COPPER)	•							
#9		•							
#2	TERMINAL INVESTMENT		i						
	* CO-HUB(NON COLOC.)							1	
	HUB-RT: COPPER		:					'	
	RT DISTR (COPPER)		ı					i	
#3	TERMINAL INVESTMENT		1						
	* CO-LOCATED HUB/RT		*						
	RT DISTR (COPPER)		!					,	
. #4	TERMINAL INVESTMENT		;						
	* COLOCATED HRT &CP		· ·						
#5	TERMINAL INVESTMENT		•						
	* CO-HUB(NON-COL)								
	HUB-RT: FIBER								
	•								
#6	TERMINAL INVESTMENT								
	* CO-HUB(NON-COL)								
	HUB-RT: COPPER								
	s	UB TOTAL PR	OB'S PGAIN	FIBER =		١	TOTAL =		
	PAIR GAIN ON COPPER TE	CHNOLOGY							
#1	TERMINAL INVESTMENT								
	* NON COLOCATED RT	:							
	RT DISTR (COPPER)	•							
#2	• COLOCATED RT	\$							
	TERMINAL INVESTMENT								
									••••••
	S	UB TOTAL PR	OB'S PGAIN	COPPER =		1	TOTAL =		
	NOTES:								
				A	CARLE AND TE	****** ***	4710ue		

- 1. TERMINAL INVESTMENT INCLUDES APPROPRIATE BUILDING CABLE AND TERMINAL CALCULATIONS
- SEE WORKSHEET D FOR DETAILED EXPLANATION OF THE FIGURES IN COLUMNS B, C, & D.
- 2. COLUMN 8 DEVELOPMENT FROM WORKSHEET 0.

	SERVICE CLASS=	LIAL-NONINTE	GRATED	•	Band Dist. =	11,000	FT.	
	DATE =	22 · Sep · 94				·		
	TIME=	10:54 AM	(A)	(B)	(C)	(0)	(E)	(F)
			1990	BAND	MINIMUM	(B-C)/1000		
			ANNUAL	DISTANCE	DIST. FOR		TOTAL INVEST.	
DESIGN	DESCRIPTION		INVEST.	(FEET)	PAIR GAIN	RATIO	1000 FT FIBER	1990
	*****************	•			*******	*******	1000 11 1100	
	PAIR GAIN ON FIBER :							
1	CO-HUB(NON COLOC.)	1	-	11,000	5,000	6.00		
ž	CO-HUB(NON COLOC.)			11,000	-	6.00		
3	CO-LOCATED HUB/RT			11,000	-		•	
4	COLOCATED HRT &CP			11,000	-	6.00 6.00		
5								
6	CO-HUB(NON-COL)			11,000		6.00		
•	CO-HUB(NON-COL)			11,000	5,000	6.00		
	PAIR GAIN ON COPPER:			•			1000 FT COPPE	R
1	NON COLOCATED RT			11,000	5,000	6.00		•
2	COLOCATED RT	•		11,000		6.00		
	*****************			•	*********		*******	
			(A)	(8)		(D)	(E)	(F)
			1993	BAND	MUNIMUM	(B-C)/1000	1993	A+(D*E)
			ANNUAL	DISTANCE	DIST. FOR		ANNUAL COSTS	
	DESCRIPTION		COST	(FEET)	PAIR GAIN	RATIO		
			•••••	•••••	• • • • • • • • •			
	PAIR GAIN ON FIBER :							
1	CO-HUB(NON COLOC.)			11,000	5,000	6.00		
2	CO-HUB(NON COLOC.)			11,000	_	6.00		
3	CO-LOCATED HUB/RT			11,000	-	6.00		
4	COLOCATED HRT &CP			11,000		6.00		
. 5	CO-HUB(NON-COL)			11,000	=	6.00	•	
6	CO-HUB(NON-COL)			11,000		6.00		
J	20 1100(11011 002)			11,000	3,000	0.50		
	PAIR GAIN ON COPPER:						1000 FT COPPE	R
							•••••	•
1	NON COLOCATED RT			11,000	5,000	6.00		
2	COLOCATED RT			11,000	5,000	6.00		
• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • • • • • • • • •	***********			·····	•••••
•			(A)	(8)	(C)	(0)	(E)	(F)
			1993	GNAS	MINIMUM	(B-C)/1000		
		•	MONTHLY		DIST. FOR		MONTHLY COSTS	
	DESCRIPTION		COST	(FEET)	PAIR GAIN	RATIO	1000 FT FIBER	
					• • • • • • • • •			**********
	PAIR GAIN ON FIBER:							
1	CO-HUB(NON COLOC.)			11,000		6.00		
2	CO-HUB(NON COLOC.)			11,000		6.00		
3	CO-LOCATED HUB/RT			11,000		6.00		
4	COLOCATED HRT &CP			11,000		6.00		
5	CO-HUB (NON-COL)			11,000		6.00		
6	CO-HUB(NON-COL)			11,000	5,000	6.00		
							1000 FT COPPE	•
	PAIR GAIN ON COPPER:						FI COPPE	
1	NON COLOCATED RT			11,000	5,000	6.00		
ž	COLOCATED RT			11,000	5,000	6.00		
, -				,	•			

SERVICE CLASS:

LIAL-NONINTEGRATED

STATE:

Florida

Sand Distance = 11,000 FT

		-							
	(A)	(B)	(C)	(0)	(E)	(F)	(G)		(H)
			1993	1993					1993
		1990	TOTAL	TOTAL	PROBABILITY			1993	TOTAL
	CARRIER	TOTAL	ANNUAL	MONTHLY	OF	1990		ANNUAL	MONTHLY
DESIGN:	TYPE	INVEST.	COST	COST	DESIGN	INVESTMENT		COST	COST
•••••	DAID CAIN ON CIRCO TEC	CHALLARY	*****	*****		•		•••••	*******
	PAIR GAIN ON FISER TEC	ANOLUG T	,					ļ	
#1	TERMINAL INVESTMENT								
	* CO-HUB(NON COLOC.)								
	HUB . RT: FIBER								
	RT DISTR (COPPER)		,						
#2	TERMINAL INVESTMENT		•						
	* CO-HUB(NON COLOC.)		•						
	HUB-RT: COPPER								
	RT DISTR (COPPER)								
#3	TERMINAL INVESTMENT				•				
	CO-LOCATED HUB/RT								
	RT DISTR (COPPER)								
#4	TERMINAL INVESTMENT								
	COLOCATED HRT ECP								
#5	TERMINAL INVESTMENT								
	* CO-HUB(NON-COL)								
	HUB-RT: FIBER								
					•				
#6	TERMINAL INVESTMENT								
	* CO-HUB(NON-COL)								
	HUB-RT: COPPER								
	g	US TOTAL PR	ME'S PGAIN	61950 m	•••••••		TOTAL =		
	•	40 101/15 110	50 5 FUNIN	110CR -			10176		
	PAIR GAIN ON COPPER TE	CHNOLOGY				•			
#1	TERMINAL INVESTMENT								
	NON COLOCATED RT								
	RT DISTR (COPPER)								
#2	• COLOCATED RT	:							
~~	TERMINAL INVESTMENT								,
				0.00					• • • • • • •
	S	UB TOTAL PR	OB'S PGAIN				TOTAL =	1	
	HOTES								

NOTES:

- 1. TERMINAL INVESTMENT INCLUDES APPROPRIATE BUILDING CABLE AND TERMINAL CALCULATIONS
- * SEE WORKSHEET D FOR DETAILED EXPLANATION OF THE FIGURES IN COLUMNS B, C, & D.
- 2. COLUMN B DEVELOPMENT FROM WORKSHEET D.

FI8BOIZ

SERVICE CLASS= LIAL-NONINTEGRATED

WORKSHEET D

Band Dist. = 12,000 FT. DATE = 22-Sep-94 TIME= 10:55 AM (A) (B) (C) (D) (E) (F) 1990 BAND MINIMUM (B-C)/1000 1990 ANNUAL DISTANCE DIST. FOR TOTAL INVEST. W'TD INVEST DESIGN DESCRIPTION INVEST. (FEET) PAIR GAIN RATIO 1000 FT FIBER PAIR GAIN ON FIBER : 1 CO-HUB(NON COLOC.) 12,000 5,000 7.00 2 CO-HUB(NON COLOC.) 12,000 5,000 7.00 3 CO-LOCATED HUB/RT 12,000 5,000 7.00 COLOCATED HRT &CP 12,000 5,000 7.00 CO-HUB(NON-COL) 12,000 5,000 7.00 CO-HUB(NON-COL) 12,000 5,000 7.00 PAIR GAIN ON COPPER: 1000 FT COPPER 1 NON COLOCATED RT 12,000 5,000 7.00 \$14.33 \$639.34 COLOCATED RT 12,000 5,000 7.00 \$14.33 \$650.83 **(B)** (C) (D) (F) 1993 BAND. HINIMUN (B-C)/1000 1993 ANNUAL DISTANCE DIST. FOR ANNUAL COSTS WITD INVEST DESCRIPTION (FEET) PAIR GAIN RATIO 1000 FT FIBER PAIR GAIN ON FIBER : 1 CO-HUB(NON COLOC.) 12,000 5,000 7.00 CO-HUB(NON COLOC.) 12,000 5,000 7.00 CO-LOCATED HUS/RT 12,000 5,000 7.00 COLOCATED HRT &CP 12,000 5,000 7.00 5 CO-HUB (NON-COL) 12,000 5,000 7.00 CO-HUB (NON-COL) 12,000 5,000 7.00 PAIR GAIN ON COPPER: 1000 FT COPPER 1 NON COLOCATED RT 12,000 5,000 7.00 \$173.98 \$7,999.78 COLOCATED RT 12,000 5,000 \$173.98 \$8,131.75 (C) (8) (0) 1993 BAND MINIMUM (B-C)/1000 1993 A+(D*E) MONTHLY DISTANCE DIST. FOR MONTHLY COSTS WITD INVEST DESCRIPTION RATIO 1000 FT FIBER PAIR GAIN PAIR GAIN ON FIBER: CO-HUB(NON COLOC.) 12,000 5,000 7.00 2 CO-HUB(NON COLOC.) 12,000 5,000 7.00 3 CO-LOCATED HUB/RT 12,000 5,000 7.00 COLOCATED HRT &CP 12,000 5,000 7.00 CO-HUB (NON-COL) 12,000 5,000 7.00 CO-HUB(NON-COL) 12,000 5,000 7.00 PAIR GAIN ON COPPER: 1000 FT COPPER 12,000 7.00 NON COLOCATED RT 5,000 \$14.50 1 \$666.66 . 2 COLOCATED RT 12,000 5,000 7.00 \$14.50 \$677.65

F186017

SERVICE CLASS:

LIAL-NONINTEGRATED

STATE:

Florida

Band Distance =

12,000 FT

	(A)		(C) 199 3	(0) 1993	(E)	(F)	(G)		(H) 1993_
	44444		TOTAL		PROBABILITY			1993	TOTAL
DEELCH.	CARRIER		INNUAL.	MONTHLY	OF	1990		ANNUAL	MONTHLY
DESIGN:	TYPE	INVEST.	COST	COST	DESIGN	INVESTMENT		COST	COST
	PAIR GAIN ON FIBER T			•••••		•••••		•••••	
	THE GALL ON TINGE I		;		1				
#1	TERMINAL INVESTMENT	Г							
	• CO-HUB(NON COLOC.)								
	HUB-RT: FIBER								
	RT DISTR (COPPER)								
#2	TERMINAL INVESTMENT	· ·							
	• CO-HUB(NON COLOC.)								
	HUB-RT: COPPER								
	RT DISTR (COPPER)								
#3	TERMINAL INVESTMENT	7							
	CO-LOCATED HUB/RT								
	RT DISTR (COPPER)								
	• •								
#4	TERMINAL INVESTMENT	Г							
	* COLOCATED HRT &CP								
***		_							
#5	TERMINAL INVESTMENT	Ţ							
	* CO-HUB(NON-COL)								
	HUB-RT: FIBER		•						
#6	TERMINAL INVESTMENT	r							
	· CO-HUB(NON-COL)								
	HUB-RT: COPPER		,,	. ,				••	
						•		:	
		SUB TOTAL PROB'S	PGAIN	FIBER =		1	TOTAL		
	PAIR GAIN ON COPPER 1	TECHNOLOGY							
#1	TERMINAL INVESTMENT	•		•					
#1	NON COLOCATED RT	*							
	RT DISTR (COPPER)								
	ni sidin (corren)								
#2	• COLOCATED RT								
	TERMINAL INVESTMENT	Т							
					•••••				•••••
	-	SUB TOTAL PROB'S	PGAIN	COPPER =		1	TOTAL		

NOTES:

- 1. TERMINAL INVESTMENT INCLUDES APPROPRIATE BUILDING CABLE AND TERMINAL CALCULATIONS
- SEE WORKSHEET D FOR DETAILED EXPLANATION OF THE FIGURES IN COLUMNS B, C, & D.
- 2. COLUMN B DEVELOPMENT FROM WORKSHEET D.

SERVICE CLASS= LIAL NONINTEGRATED

WORKSHEET D Band Dist. = 21,018 FT.

	JERTIGE CENSON		BRATED		sand DISC. =	21,018	11.	
		22-Sep-94						
	TIME=	10:55 AM	(A)	(B)	(C)	(D)	(E)	(F)
			1990	BAND	MINIMUM	(B-C)/1000	1990	A+(D*E)
•			ANNUAL	DISTANCE	DIST. FOR		TOTAL INVEST.	WITD INVEST
DESIGN	DESCRIPTION	-	INVEST.	(FEET)	PAIR GAIN	RATIO	1000 FT FIBER	1990
	******************		*****	• • • • • • • •	•••••		•••••	
	PAIR GAIN ON FIBER :							
1	CO-HUB(NON COLOC.)	!		21,018	5,000	16.02		
2	CO-HUB(NON COLOC.)			21,018				
3	CO-LOCATED HUB/RT			21,018	-			
- 4	COLOCATED HRT &CP			21,018				
5	CO-HUB (NON-COL)			21,018	-			
6	CO-HUB(NON-COL)			21,018		16.02		
	PAIR GAIN ON COPPER:						1000 FT COPPE	t
1	NON COLOCATED RT			21,018	5 000	16.02	**********	•
ż	COLOCATED RT			21,018		16.02		

			(A)		(C)	(0)	(E)	(F)
			- 1993	BAND	MUNINIM	(B-C)/1000	1993	
			ANNUAL	DISTANCE	DIST. FOR		ANNUAL COSTS	
	DESCRIPTION		COST	(FEET)	PAIR GAIN	RATIO		1990 -
	****************		•••••	*******	******	*******	***********	*********
	PAIR GAIN ON FIBER :							
. 1	CO-HUB(NON COLOC.)			21,018	5,000	16.02		
2	CO-HUB(NON COLOC.)			21,018				
3	CO-LOCATED HUS/RT			21,018				
4	COLOCATED HRT &CP							
5				21,018				
6	CO-HUB (NON-COL)			21,018				
0	CO-HUB(NON-COL)			21,018	5,000	16.02		
	PAIR GAIN ON COPPER:						1000 FT COPPE	
1	NON COLOCATED RT			21,018	5,000	16.02	***********	•
2	COLOCATED RT			21,018		16.02		
<u> </u>	COLUCNIED KI			21,010	3,000	10.02		
			(A)	(8)	(C)	(Ö)	(E)	(F)
			1993	BAND	MINIMIM	(B-C)/1000		
			MONTHLY	DISTANCE	DIST. FOR	(5 5),	HONTHLY COSTS	
	DESCRIPTION .		COST	(FEET)	PAIR GAIN	RATIO	1000 FT FIBER	1990
	***************************************		******					
	PAIR GAIN ON FIBER:			•				
1 .	CO-HUB(NON COLOC.)			21,018	5,000	16.02	•	
2	CO-HUB(NON COLOC.)			21,018	5,000	16.02		
3	CO-LOCATED HUB/RT			21,018	5,000	16.02		
4				21,018	5,000	16.02		
	COLOCATED HRT &CP					16.02		
5	CO-HUB(NON-COL)			21,018	5,000	16.02		
6	CO-HUB(NON-COL)			21,018	5,000	10.02		
	PAIR GAIN ON COPPER:						1000 FT COPPE	₹ •
1	NON COLOCATED RT			21,018	5,000	16.02		
, Ż	COLOCATED RT			21,018	5,000	16.02		
, -		,			·			
		i	F100	UIZ		001	00139	

SERVICE CLASS:

LIAL-NONINTEGRATED

STATE:

Florida

Band Distance = 21,018 FT

DESIGN:	CARRIER TYPE	(B) 199 TOTA INVEST	L ANN	993 TAL UAL OST	(D) 1993 TOTAL MONTHLY COST	(E) PROBABILITY OF DESIGN	(F) 1990 INVESTMENT	(G)	1993 ANNUAL COST	(H) 1993 TOTAL MONTHLY COST
*****	PAIR GAIN ON FIBER TE	CHNOLOGY	• •••		•••••	******	•••••		•••••	
#1	TERMINAL INVESTMENT			÷						
	* CO-HUB(NON COLOC.)			;						
	HUB-RT: FIBER .			1						
	RT DISTR (COPPER)			•						
#2	TERMINAL INVESTMENT									
	* CO-HUB(NON COLOC.)									
	HUB-RT: COPPER			ı						
	RT DISTR (COPPER)			I						
#3	TERMINAL INVESTMENT							•		
	* CO-LOCATED HUB/RT									
	RT DISTR (COPPER)			1						
. #4	TERMINAL INVESTMENT									
	* COLOCATED HRT &CP			•						
#5	TERMINAL INVESTMENT									
	* CO-HUB(NON-COL)									
	HUB-RT: FIBER									
#6	TERMINAL INVESTMENT		•							
	* CO-HUB(NON-COL)									
	HUB-RT: COPPER			ı					- •	
		TOTAL	PROS'S PO	GAIN F	IBER =		1	OTAL		
	PAIR GAIN ON COPPER TE	CHNOLOGY								
#1	TERMINAL INVESTMENT									
	* NON COLOCATED RT						•			
	RT DISTR (COPPER)									
#2	* COLOCATED RT	:								
	TERMINAL INVESTMENT									
					0.00	•••••				
	\$	SUB TOTAL	PROB'S PO	GAIN C	OPPER =		1	OTAL :		
	NOTES.									

NOTES:

- 1. TERMINAL INVESTMENT INCLUDES APPROPRIATE BUILDING CABLE AND TERMINAL CALCULATIONS
- * SEE WORKSHEET D FOR DETAILED EXPLANATION OF THE FIGURES IN COLUMNS 8, C, & D.
- 2. COLUMN 8 DEVELOPMENT FROM WORKSHEET D.

	DATE =	•		* WORKSHEE LIAL-NONIN RT-DIST ME	TEGRATED	٠.				
	•	(A)		(8)		(C)		(D)=A*C		(E)=8*C
	DESC.	DTC		PFI		X OF OCCUR.		W'TED. DTC		W'TED. PFI
	*****			••••		**********		• • • • • • • •		•••••
7	PBA26	• • •	-			4.00		:		
8-	P8826		;			1.00		;		
8	PBUZ6		!			1.00				
10	PBA24									
Ħ	P8824									
12	PBU24									
13	PBA22									
14	P8822									
15	PBUZZ									
•						••••		• • • • • • • •		
•	Total =	3.000000			Total =	3.00	Total =	1.00		
								RENORMALIZE)	
	•		(A)			(B)		DISTRIBUTION	t	•
	RANGE				RANGE			TO		
	HAME	MELDED DIST.	TO CODE		NAME	MELDED PFI		CODE		
	•••••				••••	• • • • • • • • • • • • • • • • • • • •			•	
21	MOTCA:	AERIAL		#3	MPFIA:	- A	¥1	0.16052	¥2	
	MOTCB:	BURIED		#3	MPFIB:	4	¥1	0.83948	1 2	
23	MOTCU:	UNDERGRNO		#3	MPFIU:	4	#1	• (12	
		TOTAL =	1.000000	•				1.000000		

HUB-RT MELDING OF PAIR GAIN PROBABILITIES FOR 22, 24, & 26 GAUGES SERVICE CLASS= LIAL-NONINTEGRATED

		/(A)	(8)	(C) Repeater	(0)	(E)=A*D W'TED	F=(B+C)*D W*TED
	DESC.	DTC	PFI	INV. PER FT	PROB.	DTC	PFI W/REPTR
		*****	••••	•••••		• • • • • • • • • • • • • • • • • • • •	******
<i>3</i> 5	PPG8A26		;		1.00		
31	PPGBB26		:		1.00		
31	PPGBU26		:		· 1.00		
33	PPGBA24		:				
34	PPG8B24						
,	PPG8U24			!			
35	PPGBAZ2		1			•	
37	PPGBB22			1			
38	PPG8U22			1		•	
-0		•			****	******	
	Total =	3.000000			at = 3.00	1.00	

NOTE: COLUMN C (REPEATER INV. PER FT) DEVELOPED FROM WORKSHEET 8.

DATE = 22-Sep-94
TIME= 10:56 AM
SERVICE CLASS= LIAL-NONINTEGRATED

WORKSHEET A (Continued) (H)

	(H)		
	PAIR GAIN		[=F*H
DESC.	FACTOR		PFI
••••	*****	-	•••••
PPGBA26	0.1026	1	-
PPGBB26	0.1026		
PPGBU26	0.1026	;	
PPGBA24	0.1026		
PPG8824	0.1026		
PPGBU24	0.1026		
PPGBA22	0.1026		
PPG8822	0.1026		
PPGBU22	0.1026		

		-(A)			
		MATRIX 2	. •	-MATRIX 4-	
	CABLE	DISTRIBUTION	CABLE	MELDED PFI	
	TYPE	TO CODE	TYPE	W/REPEATER	
	*****	•••••	•••••	••••••	
スユ	AERIAL	#9	AERIAL		#2
23	BURIED	#9	BURIED		#2
23 24	UNDERGRND	#9	UNDERGRNO	i	#(
•		•••••			
	TOTAL =	1.000000			
		•••••			

- WORKSHEET B -

DATE = 22-Sep-94 TIME= 10:56 AM

SERVICE CLASS=

LIAL-NONINTEGRATED

REPEATER DEVELOPMENT WORKSHEET

		-4-	-8-	C=B/A
			UNIT	REPEATER
		REPEATER	REPEATER	INVEST.
	DESCRIPTION	SPACING	INVESTMENT	PER FOOT
	******	•••••	*********	
11	REPEATER 22G	5500	g. April 16	
2	REPEATER 24G	4500		
3	REPEATER 26G	3500		

MATRIX 4 DEVELOPMENT FOR: 1000 FEET OF PURE COPPER CABLE

	SERVICE C	LASS=	LIAL-NÓNINTEGRATED		-MATRIX 4-
		(A)	(8)	(C)	PAIR FOOT
			REPEATER	PAIR GAIN	INVESTMENT
	DESC.	PFI	INVEST.	FACTOR	(D)=(A+B)*C
	••••••		********		********
20	PFIA26			0.1026	**
21	PF1826			0.1026	#4
22	PF1U26			0.1026	#4
23	PFIA24			0.1026	#4
	PFIB24			0.1026	#4
24	PFIU24			0.1026	#4
24	PFIA22			0.1026	#4
27	PF1822			0.1026	#4
00	0611122			0 1026	4£

PAIR GAIN ON COPPER NON-COLOCATED RT & CUSTOMER PREMISES FOR PAIR GAIN ON COPPER DESIGN #1

DATE = 22-Sep-94 TIME= 10:56 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

		MATRIX 2 RELATIVE	MATRIX 3	MATRIX 4 PAIR GAIN	MATRIX 5	HATRIX 7	MATRIX 8
LOOP LENGTH IN FEET AND DESIGN	TYPE OF COPPER PLANT	MIX OF COPPER TYPES	LENGTH BY TYPE OF PLANT	INVESTMENT PER PAIR FT.	COPPER INVESTMENT PER PAIR FT	AIR ORYER INVESTMENT PER PAIR FT	DROP WIRE ADJUSTMENT PER PAIR FT
	•••••	******	******		********	•••••••	*******
1000.00	AERIAL						•
26 Gauge	BURIED						

PAIR GAIN ON COPPER UNDERGRND 1.000000 1,000

CUSTOMER PREMISE CONNECTIONS: VERAGE BUILDING CABLE INVESTMENT

PER LOOP =

P GAIN EQUIP NVST=

ORBINV =

COND PG INV =

POLE LINE FACTOR = POLE LINE INVESTMENT (TOTAL AER FI INV x FACTOR)

UG COMBUIT FACTOR = CONDUIT INVESTMENT = (TOTAL UG FI INV x FACTOR) INVESTMENT PER CHANNEL IN CENTRAL OFFICE

CONNECTORS *

MISC. COMMON EQPT. & POWER FACTOR = MCEEP INVESTMENT (P GAIN INV +orbnvst)x FACTOR) MCE&P NVST (CO CONN x FACTOR)=

LAND FACTOR = LAND NVEST ((P GAIN INV+MCEP+ORBINV)xFACTOR) *

BUILDING FACTOR =

BLDG NVEST ((P GAIN INV+MCEP+ORBINV)xFACTOR) =

PAIR GAIN FACTOR=

0.1026

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: THE SUBSCRIBER LINE CARRIER EQUIPMENT INVESTMENTS ARE DEVELOPED OUTSIDE OF THE SPREADSHEET WITH APPROPRIATE UTILIZATION FACTORS APPLIED.

HOTE 3: MATRIX 4 DEVELOPMENT IS SHOWN ON WORKSEET 8 (#4).

NOTE 4: FOR 4 WIRE SERVICES, MATRIX 4 IS ALSO MULTIPLIED BY 2.

LOOP INVESTMENTS PER CIRCUIT

FACILITY TYPE: PAIR GAIN ON COPPER

CIRCUIT QUANTITY:

LOOP DISTANCE (FT): 1000

DATE = 22-Sep-94 TIME= 10:56 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

5A-1 EQV.

				UNIT FMENTS		INVESTMI CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION
(a)	(b)	(c) FIXED	(d)	(e)		(f)	(g)	(h)	(1)	(I)
	USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP
		*****	••••••	•••••		•••••	•••••	****	********	*******
LAND	2111	٧		,	1			1.00		
BUILDING	2121	٧			1			1.00		
CONNECTIONS(W'ted)	2421	٧			1			1.00		
AERIAL CABLE	2421	٧						0.70		
(COPPER)	2421	٧			•					
BURIED CABLE	2423	٧						0.70		
(COPPER)	2423	٧								
JNDERGROUND CABLE	2422	٧						0.70		
(COPPER)	2422	٧								
CO EQPT - P GAIN	2211	٧			1			1.00		
HCEEP - DLC	2211	٧			1			1.00		
CO EQPT - ESS	2212	٧			1			0.70		
AERIAL CABLE	2421	٧			1			1.00		
(FIBER)	2421	٧								
BURIED CABLE	2423	٧			1			1.00		
(FIBER)	2423	٧								
UNDERGROUND CABLE	2422	٧			1			1.00		
(FIBER)	2422	٧								
POLE LINE	2411	٧			1			0.70		
CONDUIT	2441	٧			1			0.70		

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EQPT - P GAIN = P GAIN EQUIP. NVST + MCE&P INVEST + ORBINV.

FACILITY TYPE: PAIR GAIN ON COPPER

CIRCUIT QUANTITY:

DATE = 22-Sep-94

TIME= 10:56 AM

LOOP DISTANCE (FT):

1000

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

58 EQV.

		1990 UNIT INVESTMENTS			í	TOTAL ANNUAL COSTS	1990 TOTAL MONTHLY COSTS			
(a)	(b)	ANN		(e) Annual	(f)	(g)	(f)	(j)		
•	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL		
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EGUIP	EQUIP	EQUIP	EQUIP		
••••••	••••	******	•••••	*****	•••••	••••••	********	•••••		
LAND	2111			12.0000						
BUILDING	2121			12.0000		•	•			
CONNECTIONS(W'ted)	2421			12.0000			•	ı		
AERIAL CABLE (COPPER)	2421			12.0000		•				
BURIED CABLE (COPPER)	2423			12.0000						
JNDERGROUND CABLE (COPPER)	2422			12.0000				æ		
CO EQPT - P GAIN	2211	1		12.0000						
MCEEP - DLC	2211			12.0000						
CO EQPT . ESS	2212			12.0000				*-		
AERIAL CABLE (FIBER)	2421			12.0000						
BURIED CABLE (FIBER)	2423			12.0000						
UNDERGROUND CABLE (FIBER)	2422		•	12.0000						
POLE LINE	2411			12.0000						
CONDUIT	2441			12.0000						
	SUBTOTALS	i			·					

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

TOTALS

FACILITY TYPE: PAIR GAIN ON COPPER CIRCUIT GUANTITY: 1

CIRCUIT QUANTITY: 1 .
LOOP DISTANCE (FT): 1000

DATE = 22-Sep-94

TIME= 10:56 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

50 EQV.

			TOTAL AHNUA COSTS	· · ·	NTHLY COSTS		1993 TOTAL ANNUA	L COSTS	1993 TOTAL MON1	THLY COSTS
(a)	(b)	(c)	(d)	(e)	(f)	1990 TO	(9)	(h)	(i)	(j)
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
**********	• • • •	********	•••••	•••••	********		•••••	*******	********	
LAND	2111					1.00000				•
BUILDING	2121					1.08300				
CONNECTIONS(W'ted)	2421					1.00200				
AERIAL CABLE (COPPER)	2421		!			1.00200				
BURIED CABLE (COPPER)	2423					1.01800		. }		
INDERGROUND CABLE (COPPER)	2422					0.99200			Æ.	
CO EGPT - P GAIN	2211					1.06200				
MCE&P - DLC	2211					1.06200				
CO EQPT - ESS	2212					0.88900			•-	
AERIAL CABLE (FIBER)	2421					0.91300				
BURIED CABLE (FIBER)	2423					0.96400				
UNDERGROUND CABLE (FISER)	2422					0.94900				
POLE LINE	2411					1.09100				
CONDUIT	2441					1.02500				
	SUBTOTALS									

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

TOTALS

WORKSHEET (FOR HUBBED FIBER / RT-CABINET) FOR PAIR GAIN ON FIBER DESIGNS #1

DATE = 22-Sep-94 TIME= 10:56 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

		MATRIX 2 RELATIVE	MATRIX 3	MATRIX 4 FIBER	MATRIX 5	MATRIX 7	MATRIX 8
LOOP LENGTH	TYPE OF	MIX OF FIBER	LENGTH BY TYPE	INVESTMENT PER	f (BER I NVESTMENT	AIR DRYER	DROP WIRE
AND DESIGN	PLANT	TYPES	OF PLANT	CHANNEL FT.	PER CHANNEL	PER CHANNEL	PER PAIR
	******	• • • • • • •	•••••	•••••			•••••
,						ţ	

1000.00 AERIAL

CO-HUS

BURIED

UNDERGRND

1.000001 1,000

.,...

INVESTMENT PER CHANNEL IN CENTRAL OFFICE CONNECTORS =

COND PG INV =

P GAIN EQUIP NVST =

ADDN'L MUX AT HUB =

POLE LINE FACTOR =
POLE LINE INVESTMENT
(TOTAL AER FI INV × FACTOR)

UG CONOULT FACTOR =

CONDULT INVESTMENT =

(TOTAL UG FI INV x FACTOR)

MISC. COMMON EQPT. & POWER FACTOR =
MCE&P INV.(P GAIN INV +MUXINV)x FACTOR =
MCE&P INVESTMENT (CO CONN x FACTOR) =

LAND FACTOR =
LAND NVEST ((P GAIN INV+MCEP+MUX) x FACTOR) =
LAND NVEST ((CO CONN+MCEP)xFACTOR) =

BUILDING FACTOR =

BLDG NYEST ((P GAIN INV+MCEP+MUX) x FACTOR) =

BLDG NYEST ((CO CONN+MCEP)xFACTOR) =

NOTE 1: APPARENT INCOMSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: THE SUBSCRIBER LINE CARRIER EQUIPMENT INVESTMENTS ARE DEVELOPED OUTSIDE OF THE SPREADSHEET WITH APPROPRIATE UTILIZATION FACTORS APPLIED.

LOOP INVESTMENTS PER CIRCUIT

5A-1 EQV.

FACILITY TYPE:

PAIR GAIN ON FIBER

CIRCUIT QUANTITY:

DATE = 22-Sep-94 TIME= 10:56 AM

LOOP DISTANCE (FT):

1000

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

				UNIT TMENTS		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION		INVESTM	UNIT ENTS FOR QUANTITY ILIZATION
(a)	(p)	(c) FIXED	(d)	(e)		(f)	(g)	(h)	(i)	O
	USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP
**********	••••	•••••	********	********			*******	••••	•••••	********
LAND	2111	v			1			1.00		
BUILDING	2121	٧			1			1.00		
CONNECTIONS(W'ted)	2421	٧		•	1	•		1.00		
AERIAL CABLE	2421	٧		Ï						
(COPPER)	2421	٧								
BURIED CABLE	2423	٧								
(COPPER)	2423	٧								~
UNDERGROUND CABLE	2422	٧								ļ
(COPPER)	2422	٧					1]
CO EQPT - P GAIN	2211	٧			1		:	1.00		
MCE&P DLC	2211	٧			1		· }	1.00		~
CO EQPT - ESS	2212	٧			1		:	0.70		
AERIAL CABLE	2421	٧		1	1			1.00		
(FIBER)	2421	٧					1			
BURIED CABLE	2423	٧			1	/	!	1.00		
(FIBER)	2423	٧								
UNDERGROUND CABLE	2422	٧			1			1.00		
(FIBER)	2422	٧						Ì		
POLE LINE	2411	٧			1			1.00		
CONDUIT	2441	٧			1			1.00		

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EGPT - P GAIN=PGAIN EQ NVST+ADDITIONAL MUX NVST 2 HUB+MCE&P NVST.

NOTE 3: CO EQPT - ESS * INVEST. PER CHAN. IN C.O. CONNECTORS & MCE&P INV.

58 EQV.

FACILITY TYPE: PAIR GAIN ON FIBER CIRCUIT QUANTITY: 1

DATE = 22-Sep-94

CIRCUIT QUANTITY: 1
LOOP DISTANCE (FT): 1,000

TIME= 10:56 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 INVESTI	UNIT MENTS			TOTAL ANNUAL	1990 Total Month		
(a)	(b)	(c) (d)		(e) Annual	(f)	(g)	(1)	(i)	
	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP	
*********	••••	********	*******	• • • • • •	*******	*******	• • • • • • • • • • • • • • • • • • • •	*******	
LAND	2111			12.0000					
BUILDING	2121		•	12.0000					
CONNECTIONS(W'ted)	2421			12.0000					
AERIAL CABLE	2421								
(COPPER)									
*URIED CABLE (COPPER)	2423							e.	
UNDERGROUND CABLE	2422		· -					(
(COPPER)				_				:	
CO EGPT - P GAIN	2211		\	12.0000			1		
MCEEP DLC	2211			12.0000				~	
CO EQPT - ESS	2212			12.0000					
AERIAL CABLE (FIBER)	2421			12.0000					
SURIED CABLE	2423			12.0000					
(FIBER)			1						
UNDERGROUND CABLE	2422			12.0000					
(FIBER) POLE LINE	2411			12.0000			i	İ	
	2441		,						
CONDUIT	2441			12.0000					
	SUBTOTALS								
	TOTALS						i	1	
								1	

SD EQV.

DATE = 22-Sep-94

FACILITY TYPE: PAIR GAIN ON FIBER CIRCUIT QUANTITY: 1
LOOP DISTANCE (FT): 1,000

TIME= 10:56 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

			TOTAL ANNUA	TOTAL MO	NTHLY COSTS		1993 TOTAL ANNUA	L COSTS	1993 TOTAL MOI	ITHLY COSTS
(a)	(b)	(c)	(d)	(e)	(f)	1990 TO	(9)	(h)	(i)	(1)
	USQA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	COD€	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
•••••	••••	•••••	•••••	•••••	•••••	*****	********	••••••	•••••	******
LAND	2111					1.00000				
BUILDING	2121					1.08300				
CONNECTIONS(W'ted)	2421					1.00200				
AERIAL CABLE (COPPER)	2421					•				
BURIED CABLE (COPPER)	2423							 	e.	
UNDERGROUND CABLE (COPPER)	2422									
CO EGPT . P GAIN	2211		İ			1.06200				
NCEAP DLC	2211					1.06200			~	
CO EQPT - ESS	2212					0.88900				
AERIAL CABLE (FIBER)	2421					0.91300				
BURIED CABLE (FIBER)	2423					0.96400				
UNDERGROUND CABLE (FIBER)	2422					0.94900				
POLE LINE	2411					1.09100				
CONDUIT	2441					1.02500				
	SUSTOTALS									
	TOTALS					!				

WORKSHEET (FOR HUBBED FIBER / RT-CABINET) FOR PAIR GAIN ON FIBER DESIGNS #2, #3

DATE = 22-Sep-94 TIME= 10:56 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

		MATRIX 2 RELATIVE	MATRIX 3	MATRIX 4 Fiber	MATRIX 5	MATRIX 7	MATRIX 8
LOOP LENGTH IN FEET AND DESIGN	FIBER	MIX OF FIBER	LENGTH BY TYPE	INVESTMENT PER	FIBER INVESTMENT	AIR DRYER INVESTMENT	DROP WIRE
AND DESIGN	PLANT	TYPES	OF PLANT	CHANNEL FT.	PER CHANNEL	PER CHANNEL	PER PAIR
		•••••	********	*********		••••••	*******
1000.00 CO-HUS	AERIAL				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
	BURIED				1		,
ι	INDERGRND						; ;
		• • • • • • • • • •	*********		;		v.
		1.000001	1,000 -				

COND PG INV =

P GAIN EQUIP NVST =

ADDN'L MUX AT HUS =

POLE LINE FACTOR =
POLE LINE INVESTMENT
(TOTAL AER FI INV x FACTOR)

UG CONDUIT FACTOR =

CONDUIT INVESTMENT =

(TOTAL UG FI INV x FACTOR)

INVESTMENT PER CHANNEL IN CENTRAL OFFICE CONNECTORS =

MISC. COMMON EQPT. & POWER FACTOR =
MCE&P INV.(P GAIN INV +MUXINV)x FACTOR =
MCE&P INVESTMENT (CO CONN x FACTOR) =

LAND FACTOR =

LAND NVEST (P GAIN INV+NUX+MCEEP) x FACTOR =

LAND NVEST ((CO CONN+MCEP)xFACTOR) =

BUILDING FACTOR =

BLDG NVEST (P GAIN INV+MUX+MCEEP) x FACTOR =

BLDG NVEST ((CO CONN+MCEP)xFACTOR) =

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: THE SUBSCRIBER LINE CARRIER EQUIPMENT INVESTMENTS ARE DEVELOPED OUTSIDE OF THE SPREADSHEET WITH APPROPRIATE UTILIZATION FACTORS APPLIED.

LOOP INVESTMENTS PER CIRCUIT

5A-1 EQV.

FACILITY TYPE: PAIR GAIN ON FIBER

CIRCUIT QUANTITY:

DATE = 22-Sep-94

TIME= 10:56 AM

LOOP DISTANCE (FT):

1000

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

				UNIT TMENTS		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION			ENTS FOR
(a)	(b)	(c) FIXED	(d)	(e)		(f)		(h)	(i)	(D
	USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	I INF HALL	LINE	LOOP TERM	I INC MAIN
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY		EQUIP	FILL	EQUIP	EQUIP
••••••	••••				*******			••••		
LAND	2111	٧			1			1.00		
BUILDING	2121	٧			1			1.00		
CONNECTIONS(W'ted)	2421	٧			. 1			1.00		-
AERIAL CABLE	2421	٧							•	
(COPPER)	2421	٧				-				
BURIED CABLE	2423	٧								
(COPPER)	2423	٧								-
UNDERGROUND CASLE	2422	٧		İ				ļ Ī		:
(COPPER)	2422	٧								i
CO EQPT - P GAIN	2211	٧			1			1.00		
MCE&P . DLC	2211	٧			1			1.00		
CO EQPT - ESS	2212	٧		i	1			0.70		:
AERIAL CABLE	2421	٧			1			1.00		
(FIBER)	2421	٧						ļ		
BURIED CABLE	2423	٧			1	2		1.00		
(FIBER)	2423	٧								İ
UNDERGROUND CABLE	2422	٧		-	1			1.00		·
(FIBER)	2422	٧]		1
POLE LINE	2411	٧			1			1.00		:
CONDUIT	2441	V			1			1.00		i
				:						

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EQPT . P GAIN = PGAIN EQ NVST . ADDITIONAL MUX NVST @ HUB + MCE&P NVST.

58 EQV.

FACILITY TYPE: PAIR GAIN ON FIBER CIRCUIT QUANTITY: 1
DATE = 22-Sep-94 LOOP DISTANCE (FT): 1,000

TIME= 10:56 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 INVESTI				TOTAL ANNUAL COSTS	1990 TOTAL MONTHLY COSTS		
(a)	(b)	(c)	(d)	(e) Annual	(f)	(g)	(1)	(D)	
	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	
PLANT ITEM	CODE	EQUIP.	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP	
*********	••••		********	*****	*******	•••••	••••••	********	
LAND	2111			12.0000			•		
BUILDING	2121			12.0000					
CONNECTIONS(W'ted)	2421			12.0000	•				
AERIAL CABLE (COPPER)	2421		ì			ı			
RURIED CABLE (COPPER)	2423					ļ		- 1	
UNDERGROUND CABLE (COPPER)	2422								
CO EQPT - P GAIN	2211			12.0000		ļ			
MCE&P - DLC	2211			12.0000		1		•	
CO EQPT . ESS	2212		!	12.0000		İ			
AERIAL CABLE (FISER)	2421			12.0000		·			
BURIED CABLE (FIBER)	2423			12.0000	•				
UNDERGROUND CABLE (FIBER)	2422			12.0000					
POLE LINE	2411			12,0000					
CONDUIT	2441		}	12.0000					
	SUSTOTALS								
	TOTALS		1						

50 EQV.

FACILITY TYPE: PAIR GAIN ON FIBER

CIRCUIT QUANTITY:

DATE = 22-Sep-94

LOOP DISTANCE (FT):

1,000

TIME# 10:56 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

			TOTAL ANNUA		NTHLY COSTS		1993 TOTAL ANNUA	L COSTS	1993 TOTAL MON	ITHLY COSTS
(a)	(b)	(c)	(d)	(e)	(f)	1990 TO	(g)	(h)	(1)	(j)
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
	****	••••••	*******	•••••		•••••	********			•
LAND	2111					1.0000				
BUILDING	2121		•			1.0830				
CONNECTIONS(W'ted)	2421		1			1.0020				
AERIAL CABLE (COPPER)	2421									.
QURIED CABLE (COPPER)	2423		,							
UNDERGROUND CABLE (COPPER)	2422) .		
CO EQPT - P GAIN	2211					1.0620				
MCE&P . DLC	2211					1.0620				
CO EGPT - ESS	2212					0.8890				
AERIAL CABLE (FIBER)	2421					0.9130				
BURIED CABLE (FIBER)	2423					0.9640				
UNDERGROUND CABLE (FIBER)	2422					0.9490				
POLE LINE	2411					1.0910				
CONDUIT	2441					1.0250				
	SUBTOTALS									
	TOTALS							• 6,		

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

1000 FOOT PURE FIBER FACILITY FOR PAIR GAIN ON FIBER DESIGNS #1-6

DATE = 22-Sep-94 TIME= 10:56 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

		MATRIX 2 RELATIVE	HATRIX 3	MATRIX 4 Fiber	MATRIX 5	MATRIX 7	MATRIX 8
	IBER	MIX OF FIBER	LENGTH BY TYPE	INVESTMENT PER	FIBER INVESTMENT	AIR DRYER INVESTMENT	DROP WIRE
AND DESIGN F	PLANT	TYPES	OF PLANT	CHANNEL FT.	PER CHANNEL	PER CHANNEL	PER PAIR
							}
1000.00	ERIAL				.		
6	URIED				;		
UNO	ERGRND						<i>.</i>
		*********	*******	•			•
		1.000001	1,000				

POLE LINE FACTOR = POLE LINE INVESTMENT (TOTAL AER FI INV x FACTOR)

UG CONDUIT FACTOR = CONDUIT INVESTMENT = (TOTAL UG FI INV x FACTOR)

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: THE SUBSCRIBER LINE CARRIER EQUIPMENT INVESTMENTS ARE DEVELOPED

OUTSIDE OF THE SPREADSHEET WITH APPROPRIATE UTILIZATION FACTORS APPLIED.

1000 FOOT PURE FISER FACILITY

FACILITY TYPE: PAIR GAIN ON FIBER

CIRCUIT QUANTITY: 1

DATE = 22-Sep-94

TIME= 10:56 AM

LOOP DISTANCE (FT): 1000

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

			1990 UNIT INVESTMENTS			1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY EXCL. UTILIZATION			1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY INCL. UTILIZATION	
(a)	(p)	(c) FIXED	(d)	(e)		(f)	(g)	(h)	(i)	
	USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	I INF WALL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY		EQUIP	FILL	EQUIP	EQUIP
**********	••••	•••••	••••••		•••••		•••••	••••	••••••	•••••
LAND	2111	٧								
BUILDING	2121	٧								
CONNECTIONS(W'ted)	2421	٧								
AERIAL CABLE	2421	٧	•							
(COPPER)	2421	V								
BURIED CABLE	2423	٧								
(COPPER)	2423	٧								
JNDERGROUND CABLE	2422	٧								**
(COPPER)	2422	٧								
CO EGPT - P GAIN	2211	٧		1						1
CO EGPT - ESS	2212	٧								
AERIAL CABLE	2421	٧			1			1.00)	
(FIBER)	2421	٧								ĺ
BURIED CABLE	2423	٧			1			1.00	1	j*
(FIBER)	2423	٧								ì
UNDERGROUND CABLE	2422	٧			1			1.00)	
(FIBER)	2422	٧								
POLE LINE	2411	٧			1			1.00)	1,
CONDUIT	2441	٧			1			1.00)	

1000 FOOT PURE FIBER FACILITY

FACILITY TYPE: PAIR GAIN ON FIBER

CIRCUIT QUANTITY:

LOOP DISTANCE (FT):

1 1000

DATE = 34599 34599 TIME=

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		INVEST	1990 UNIT INVESTMENTS			TOTAL ANNUAL COSTS	1990 TOTAL MONTHLY COSTS		
(a)	(b)	(c)	(d)	(e) Annual	(f)	(g)	(1)	(D)	
	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP	
	****			•••••	•••••	*******	*******	••••••	
LAND	2111								
BUILDING	2121								
CONNECTIONS(W'ted)	2421								
AERIAL CABLE	2421			•				•	
(COPPER)									
BURIED CABLE	2423		I		•				
(COPPER)								•	
JNDERGROUND CABLE	2422							•	
(COPPER)			j						
CO EQPT - P GAIN	2211		į			ļ		1	
CO EQPT - ESS	2212								
AERIAL CABLE	2421			12.0000				•	
(FIBER) SURIED CASLE	2423			43 0000					
(FIBER)	2423			12.0000					
UNDERGROUND CABLE	2422			12.0000					
(FIBER)	C766		-	12.0000					
POLE LINE	2411			12.0000		ı			
CONDUIT	2441			12.0000					
				.2333		·			
	SUBTOTALS	3	ļ						
	TOTALS		1	.>*					

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: • DENOTES DATA THAT IS USED ALSO ON WORKSHEET D FOR ILLUSTRATION PURPOSES.

1000 FOOT PURE FIBER FACILITY

FACILITY TYPE: PAIR GAIN ON FIBER CIRCUIT QUANTITY: 1
LOOP DISTANCE (FT): 1000

DATE = 22-Sep-94

TIME= 10:56 AM

STATE: Florida SERVICE CLASS: LIAL-NONINTEGRATED

			TOTAL ANNUA	TOTAL NO	NTHLY COSTS			TOTAL ANNUA	1993 TOTAL MON1	THLY COSTS
(a)	(b)	(c)	(d)	(e)	(f)	1990 TO	(g)	(h)	(i)	(i)
PLANT ITEM	CODE	LOOP TERM EQUIP	LINE HAUL EQUIP	LOOP TERM	EQUIP	1993 TPI	LOOP TERM EQUIP	LINE HAUL EQUIP	LOOP TERM EQUIP	LINE HAUL EQUIP
LAND	2111									
BUILDING	2121						-			
CONNECTIONS(W'ted)	2421									
AERIAL CABLE (COPPER)	2421									
BURIED CABLE (COPPER)	2423					ļ !				-
JNDERGROUND CABLE (COPPER)	242 2			<u> </u> 		 			- !	•
CO EQPT . P GAIN	2211					İ				
CO EQPT - ESS	2212								ļ	
AERIAL CABLE (FIBER)	2421			!		0.91300				
BURIED CABLE (FIBER)	2423			İ		0.96400				
UNDERGROUND CABLE (FIBER)	2422					0.94900				
POLE LINE	2411					1.09100				
CONDUIT	2441			,		1.02500				
	SUBTOTALS									
	TOTALS						*<-			

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: * DENOTES DATA THAT IS USED ALSO ON WORKSHEET D FOR ILLUSTRATION PURPOSES.

USED IN DEVELOPING PAIR GAIN ON COPPER DESIGN #1, 2

DATE = 22-Sep-94

1000 FOOT COPPER

TIME= 10:56 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

		MATRIX 2 RELATIVE	MATRIX 3 LOOP	MATRIX 4 CABLE	MATRIX 5	MATRIX 7	HATRIX 8
LOOP LENGTH	- · · · ·	MIX OF	LENGTH	INVESTMENT	CABLE	AIR DRYER	DROP WIRE
IN FEET	CABLE	CABLE	BY TYPE	PER	INVESTMENT	INVESTMENT	ADJUSTMENT
AND DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	PER PAIR	PER PAIR
*******	••••		•••••	•••••	•••••	•••••	
1000.00	AERIAL					}	
26 Gauge	BURIED					}	
PAIR GAIN						{	
ON COPPER U	NDERGRND					; ;	

POLE LINE FACTOR =
POLE LINE INVESTMENT
(TOTAL AER CA INV x FACTOR)

UG CONDUIT FACTOR =

CONDUIT INVESTMENT =

(TOTAL UG CA INV x FACTOR)

NOTE 1: DESIGN AT THIS DISTANCE HAS NO LOAD COILS; THEREFORE, MATRIX 6 = 0.

1,000

NOTE 2: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 3: TOTAL CABLE INVESTMENT = CABLE INV + LOAD COIL INV + AIR DRYER INV + MISC INV.

NOTE 4: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

NOTE 5: MATRIX 4 DEVELOPMENT SHOWN ON WORKSHEET B (#4).

1.000000

NOTE 6: FOR 4 WIRE SERVICES ONLY, MATRIX 4 IS ALSO MULTIPLIED BY 2.

FACILITY TYPE: COPPER CABLE

CIRCUIT QUANTITY:

DATE = 22-Sep-94

LOOP DISTANCE (FT):

1000

TIME= 10:56 AM

STATE: Florida

FOR DESIGN #2

SERVICE CLASS: LIAL-NONINTEGRATED

5A-1 EQV.

			INVES	UNIT TMENTS		INVESTM CIRCUIT EXCL. UT	UNIT ENTS FOR QUANTITY ILIZATION		CIRCUIT	ENTS FOR
(a)	(b)	(c)	(d)	(e)		(f)	(g)	(h)	(i)	(j)
		FIXED								
•	USQA	VARI		LINE HAUL						LINE HAUL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP
***********	••••	*****	•••••	********	•••••	•••••	********	••••	*******	••••••
LAND	2111	٧								
BUILDING	2121	٧					į			1
CONNECTIONS(W'ted)	2421	٧								
AERIAL CABLE	2421	٧			1			0.70		
					1				•	
AIR DRYER	2421	٧			1	,		0.70		
MISC.	2421	٧			1			0.70		1
SURIED CABLE	2423	٧			1			0.70		_
					1					
AIR DRYER	2423	٧			1			0.70		
MISC.	2423	V			1			0.70		
UNDERGROUND CABLE	2422	٧		Ì	1			0.70		
					1	-		ļ		
AIR DRYER	2422	٧			1			0.70		
HISC.	2422	٧			1			0.70		
CONNECTORS	2211	٧			1			0.70		İ
MISC. CELP	2211	· • • • •			t			0.70		
POLE LINE	2411	٧			1			0.70		
CONDUIT	2441	٧			1			0.70		

FACILITY TYPE: COPPER CABLE CIRCUIT QUANTITY: 1

DATE = 22-Sep-94 TIME= 10:56 AM

LOOP DISTANCE (FT): 1000

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

58 EQV.

		1990 Investi	UNIT MENTS			TOTAL ANNUAL COSTS	1990 TOTAL MONTHLY COSTS		
(a)	(b)	(c)	(d)	(e) Annual	(f)	(g)	(1)	(j)	
	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP	
•••••	••••	*******			•••••	•••••	••••••	•••••	
LAND	2111								
BUILDING	2121		i						
CONNECTIONS(W'ted)	2421						1		
AERIAL CABLE (COPPER)	2421		•	12.0000					
BURIED CABLE (COPPER)	2423			12.0000					
JNDERGROUND CABLE (COPPER)	2422		ļ	12.0000				v-	
CO EQPT - P GAIN	2211		·						
CO EQPT - ESS	2212							!	
AERIAL CABLE (FIBER)	2421								
BURIED CABLE (FIBER)	2423								
UNDERGROUND CABLE (FIBER)	2422								
POLE LINE	2411			12.0000					
CONDUIT	2441			12.0000					

SUBTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: * DENOTES DATA THAT IS ALSO USED ON WORKSHEET D FOR ILLUSTRATION PURPOSES.

LOOP DISTANCE (FT): 1000

FACILITY TYPE: COPPER CABLE CIRCUIT QUANTITY: 1

DATE = 22-Sep-94

TIME= 10:56 AM

STATE: Florida SERVICE CLASS: LIAL-NONINTEGRATED

SD EQV.

		1990 TOTAL ANNUA	u costs	1990 TOTAL MOI	NTHLY COSTS	l.	1993 TOTAL ANNUA	u costs	1993 TOTAL MONT	INI A UVELE
		**********			• • • • • • • • • • • • • • • • • • • •				**********	
(a)	(b)	(c)	(d)	(e)	(f)	1990 TO	(g)	(h)	(i)	(i)
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	POULP	EQUIP	EQUIP	TPE	EQUIP	EQUIP	EQUIP	EQUIP
********	••••	•••••		•••••	•••••	•••••		********	•••••	*******
LAND	2111									
BUILDING	2121									
CONNECTIONS(W'ted)	2421					`,				
AERIAL CABLE (COPPER)	2421					1.00200				
BURIED CABLE (COPPER)	2423					1.01800				
UNDERGROUND CABLE (COPPER)	2422					0.99200			*	
CO EQPT - P GAIN	2211									
CO EQPT - ESS	2212	•								
AERIAL CABLE (FIBER)	2421									
BURIED CABLE (fiber)	2423									
UNDERGROUND CABLE (FIBER)	2422									•
POLE LINE	2411					1.09100				
CONDUIT	2441					1.02500			1	

SUBTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: * DENOTES DATA THAT IS ALSO USED ON WORKSHEET D FOR ILLUSTRATION PURPOSES.

CARRIER DISTRIBUTION WORKSHEET REMOTE TERMINAL TO CUSTOMER PREMISES FOR PAIR GAIN ON FIBER DESIGNS #1,2,3 FOR PAIR GAIN ON COPPER DESIGN #1

DATE = 22-Sep-94 TIME= 10:56 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

		MATRIX 2 RELATIVE	MATRIX 3	MATRIX 4 CABLE	MATRIX 5	MATRIX 7	MATRIX 8
LOOP LENGTE	TYPE OF	MIX OF	LENGTH	INVESTMENT	CABLE	AIR DRYER	DROP WIRE
IN FEET	CABLE	CABLE	BY TYPE	PER	INVESTMENT	INVESTMENT	ADJUSTMENT
AND DESIGN	PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	PER PAIR	PER PAIR
•••••	••••	•••••	•••••	*****	*****	•••••	*******
4000.00	AERIAL						
CONSIDERS:	BURIED						
22G,24G						}	
&26G	UNDERGRND					}	•
COPPER		•••••				•	
		1.000000	4,000				

CUSTOMER PREMISE CONNECTIONS:

IVERAGE BUILDING CABLE INVESTMENT

PER LOOP =

ALL DROP WIRE AND OTHER INVESTMENT

IS INCLUDED IN THE APPROPRIATE

CABLE ACCOUNT INVESTMENT PER

FCC MANDATE.

POLE LINE FACTOR =
POLE LINE INVESTMENT
(TOTAL AER CA INV x FACTOR)

UG CONDUIT FACTOR =
CONDUIT INVESTMENT =
(TOTAL UG CA INV x FACTOR)

NOTE 1: DESIGN AT THIS DISTANCE HAS NO LOAD COILS; THEREFORE, MATRIX 6 = 0.

NOTE 2: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 3: MATRIX 2 & 4 DEVELOPMENT SHOWN ON WORKSHEET A (#2,#1).

NOTE 4: MATRIX 8 = MATRIX 5 x DROP WIRE ADJUSTMENT

LOOP INVESTMENTS PER CIRCUIT

5A-1 EQV.

FACILITY TYPE:

COPPER CABLE

CIRCUIT QUANTITY:

LOOP DISTANCE (FT):

1

DATE = 22-Sep-94

REMOTE TERMINAL TO DISTRIBUTION

TIME= 10:56 AM

4000

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

				UNIT IMENTS	. .	INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION
(a)	(b)	(c)	(d)	(e)		(f)	(g)	(h)	(1)	(I)
	USOA	FIXED	1000 7504		0100117	1 00B TERM		4 7 110		
PLANT ITEM	CODE	VAR I SUNK	EQUIP	EQUIP	QUANTITY		LINE HAUL EQUIP	FILL	EQUIP	EQUIP
***********								••••		
LAND	2111	v			1					
BUILDING	2121	V			1					
CONNECTIONS(Wited)	2421	v			1			1.00		
AERIAL CABLE	2421	٧			1			0.70	i	
AIR DRYER	2421	٧			1			0.70	l	
DROP WIRE	2421	V			1			0.70		er.
BURIED CABLE	2423	٧			1			0.70	l	
AIR DRYER	2423	٧			1			0.70	ľ	
DROP WIRE	2423	٧			· ' 1			. 0.70	1	
UNDERGROUND CABLE	2422	٧			1			0.70	l	
AIR DRYER	2422	٧			1			0.70	i	
DROP WIRE	2422	V			1			0.70		
CONNECTORS	2211	٧		•	1			0.70		
MISC. CERP	2211	V			1			0.70		
POLE LINE	2411	٧			1			0.70		
CONDUIT	2441	٧			1			0.70		

58 EQV.

FACILITY TYPE: COPPER CASLE

CIRCUIT QUANTITY:

DATE = 22-Sep-94

LOOP DISTANCE (FT):

4,000

TIME= 10:56 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 Investi	UNIT MENTS			TOTAL ANNUAL COSTS	1990 TOTAL MONTHLY COSTS		
(a) -	(b)	(c)	(d)	(e) Annual	(f)	(g)	(i)	(j)	
•	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP	
	••••	*******	•••••	• • • • • •	•••••	•••••	•••••		
LAND	2111			12.0000					
BUILDING	2121			12.0000					
CONNECTIONS(W'ted)	2421			12.0000					
AERIAL CABLE (COPPER)	2421			12.0000					
BURIED CABLE (COPPER)	2423			12.0000				e.	
UNDERGROUND CABLE (COPPER)	2422			12.0000				•	
CO EGPT . P GAIN	2211			12.0000					
CO EQPT . ESS	2212			12.0000					
AERIAL CABLE (FIBER)	2421			12.0000	-				
BURIED CABLE (FIBER)	2423			12.0000					
UNDERGROUND CABLE (FIBER)	2422			12.0000					
POLE LINE	2411			12.0000					
CONDUIT	2441			12.0000					

SUBTOTALS

TOTALS

SD EQV.

FACILITY TYPE: COPPER CABLE

CIRCUIT QUANTITY: 1
LOOP DISTANCE (FT): 4,000

DATE = 22-Sep-94

TIME= 10:56 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

			TOTAL ANNUA COSTS		NTHLY COSTS	••		TOTAL ANNUA	1993 TOTAL MONT	HLY COSTS
(a)	(b)	(c)	(d)	(e)	(f)	1990 TO	(g)	(h)	(i)	d) ·
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
	••••		••••		•••••	•••••	•••••	********		•••••
LAND	2111					1.00000				
BUILDING	2121					1				
CONNECTIONS(W'ted)	2421					1.00200				
AERIAL CABLE (COPPER)	2421					1.00200				
BURIED CABLE (COPPER)	2423					1.01800			•	
UNDERGROUND CABLE (COPPER)	2422					0.99200				
CO EQPT - P GAIN	2211									
CO EQPT - ES\$	2212					0.88900				
AERIAL CABLE (FIBER)	2421									
SURIED CABLE (FIBER)	2423									
UNDERGROUND CABLE (FIBER)	2422									
POLE LINE	2411					1.09100				
CONDUIT	2441					1,02500				

SUBTOTALS

TOTALS

WORKSHEET CO-LOCATED RT

FOR PAIR GAIN ON COPPER DESIGN #2

DATE = 22-Sep-94 TIME* 10:56 AM

STATE: Florida

SERVICE CLASS:

LIAL-NOWINTEGRATED

•		MATRIX 2	HATRIX 3	MATRIX 4	MATRIX 5	MATRIX 7	MATRIX 8
		RELATIVE	LOOP	PAIR GAIN			
LOOP LENGTH	TYPE OF	HIX OF	LENGTH	INVESTMENT	COPPER	AIR DRYER	DROP WIRE
IN FEET	COPPER	COPPER	SY TYPE	PER	INVESTMENT	INVESTMENT	ADJUSTMENT
AND DESIGN	PLANT	TYPES	OF PLANT	CHANNEL FT.	PER CHANNEL	PER CHANNEL	PER PAIR
	• • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	*********	• • • • • • • • • • • • • • • • • • • •	•••••	•••••
						1	•
5000.00	AERIAL					*	

26 Gauge BURIED

PAIR GAIN

ON COPPER UNDERGRND

CO-LOCATED RT

1.000000

5,000

CUSTOMER PREMISE CONNECTIONS:
AVERAGE BUILDING CABLE INVESTMENT
PER LOOP =
ORBINV =

P GAIN EQUIP NVST=

POLE LINE FACTOR =
POLE LINE INVESTMENT

(TOTAL AER FI INV x FACTOR)

UG CONDUIT FACTOR = CONDUIT INVESTMENT =

(TOTAL UG FI INV x FACTOR)

INVESTMENT PER CHANNEL IN CENTRAL OFFICE

CONNECTORS =

MISC. COMMON EQPT. & POWER FACTOR =

MCEAP INVESTMENT (P GAIN INV+ORBINV x FACTOR) =

MCEEP INVESTMENT (CO CONN x FACTOR) =

LAND FACTOR =

LAND NVEST ((P GAIN INV+MCEP+ORSINV)xFACTOR) =

LAND NVEST ((CO CONN+MCEP)xFACTOR) =

BUILDING FACTOR =

BLDG NVEST ((P GAIN INV+MCEP+ORBINV)xFACTOR) =

BLDG NVEST ((CO CONN+NCEP)xFACTOR) =

PAIR GAIN FACTOR=

0.1026

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: THE SUBSCRIBER LINE CARRIER EQUIPMENT INVESTMENTS ARE DEVELOPED

OUTSIDE OF THE SPREADSHEET WITH APPROPRIATE UTILIZATION FACTORS APPLIED.

NOTE 3: MATRIX 4 DEVELOPMENT SHOWN ON WORKSHEET B (#4).

NOTE 4: FOR 4 WIRE SERVICES ONLY, MATRIX 4 IS ALSO MULTIPLIED BY 2.

5B EQV.

FACILITY TYPE: PAIR GAIN ON COPPER CIRCUIT QUANTITY:

DATE = 22-Sep-94 LOOP DISTANCE (FT): 5000

TIME= 10:56 AM

STATE: Florida

SERVICE CLASS: LIAL-HONINTEGRATED

		INVEST	= '			TOTAL ANNUAL	1990 TOTAL MONTHLY COSTS		
(a)	(b)	(c)	(d)	(e) Annual	(f)	(g)	(1)	(j)	
	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	
PLANT ITEM	CODE	EQUIP-	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP	
*********	••••			•••••	•••••	*******	•••••	******	
LAND	2111			12.0000					
BUILDING	2121			12.0000					
CONNECTIONS(W'ted)	2421			12.0000					
AERIAL CABLE (COPPER)	2421			12.0000					
SURIED CASLE (COPPER)	2423			12.0000					
UNDERGROUND CABLE (COPPER)	2422			12.0000				1	
CO EQPT - P GAIN	2211			12.0000				,	
MCEAP - DLC	2211			12.0000					
CO EQPT - ESS	2212			12.0000				ì	
AERIAL CABLE (FIBER)	2421			12.0000) 1 2 1	
BURIED CABLE (FIBER)	2423			12.0000					
UNDERGROUND CABLE (FIBER)	2422			12.0000					
POLE LINE	2411			12.0000					
CONDUIT	2441			12.0000					

SUBTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

FISBOIZ

0000169

FACILITY TYPE: PAIR GAIN ON COPPER

CIRCUIT QUANTITY: 1

DATE = 22-Sep-94

LOOP DISTANCE (FT): 5000

TIME= 10:56 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

50 EQV.

			TOTAL ANNUA		NTHLY COSTS	,	1993 TOTAL ANNUA	L COSTS	1993 TOTAL MONT	HLY COSTS
(a)	(b)	(c)	(d)	(e)	(f)	1990 TO	(g)	(h)	(1)	(j)
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
*********	••••	•••••	*******	•••••	•••••			•••••	•••••	*******
LAND	2111					1.00000				
BUILDING	2121					1.08300				
CONNECTIONS(W'ted)	2421					1.00200				
AERIAL CABLE (COPPER)	2421					1.00200				
BURIED CABLE (COPPER)	2423					1.01800				
UNDERGROUND CABLE (COPPER)	2422				1	0.99200				ì
CO EQPT - P GAIN	2211		1			1.06200				4
MCE&P - DLC	2211					1.06200				}
CO EQPT . ESS	2212		ļ			0.88900				?
AERIAL CABLE (FIBER)	2421				į	0.91300				; } }
BURIED CABLE (FIBER)	2423					0.96400				Ŷ,
UNDERGROUND CABLE (FIBER)	2422					0.94900				{
POLE LINE	2411					1.09100				ì
CONDULT	2441					1.02500				Š

SUBTOTAL:

TOTALS

WORKSHEET COLOCATED HUB, RT, a CP FOR PAIR GAIN ON FIBER DESIGNS #4

DATE = 22-Sep-94 TIME= 10:56 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

		MATRIX 2 RELATIVE	MATRIX 3	MATRIX 4 Fiber	MATRIX 5	MATRIX 7	MATRIX 8
LOOP LENGTH T	YPE OF	MIX OF	LENGTH	INVESTMENT	FIBER	AIR DRYER	DROP WIRE
IN FEET	FIBER	FIBER	BY TYPE	PER	INVESTMENT	INVESTMENT	ADJUSTMENT
AND DESIGN	PLANT	TYPES	OF PLANT	CHANNEL FT.	PER CHANNEL	PER CHANNEL	PER PAIR
••••••	•••••	•••••	• • • • • • • • •	• • • • • • • • • •	•••••	•••••	
•						Į.	
5000.00	AERIAL					į	
						1	

CO-HUS **BURIED**

UNDERGRND

1.000001 5,000

INVESTMENT PER CHANNEL IN CENTRAL OFFICE

COND PG INV =

P GAIN EQUIP NVST =

ADDN'L MUX AT HUB =

POLE LINE FACTOR = POLE LINE INVESTMENT (TOTAL AER FI INV x FACTOR)

UG CONDUIT FACTOR = CONDUIT INVESTMENT = (TOTAL UG FI INV x FACTOR) CONNECTORS =

MISC. COMMON EQPT. & POWER FACTOR = MCEEP INV. (P GAIN INV +MUXINV)x FACTOR = MCE&P INVESTMENT (CO CONN x FACTOR) =

LAND FACTOR = LAND NVEST ((P GAIN INV+ MCEP+ MUX) x FACTOR) = LAND NVEST ((CO CONN+MCEP)xFACTOR) =

BUILDING FACTOR = BLDG NVEST ((P GAIN INV+ MCEP+ MUX) x FACTOR) = BLDG NVEST ((CO CONN+MCEP)xFACTOR) =

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: THE SUBSCRIBER LINE CARRIER EQUIPMENT INVESTMENTS ARE DEVELOPED OUTSIDE OF THE SPREADSHEET WITH APPROPRIATE UTILIZATION FACTORS APPLIED.

FISBOIZ

0000171

LOOP INVESTMENTS PER CIRCUIT

SA-1 EQV.

FACILITY TYPE:

PAIR GAIN ON FIBER

CIRCUIT QUANTITY:

DATE = 22-Sep-94

LOOP DISTANCE (FT):

5000

TIME= 10:56 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 UNIT INVESTMENTS				1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY EXCL. UTILIZATION			1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY INCL. UTILIZATION	
(a)	(p)	(c) FIXED	(d)	(e)		(f)	(g)	(h)	(1)	
	AOZU	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP
*********	••••		••••••				•••••	••••	*******	•••••
·LAND	2111	٧			. 1			1.00		
BUILDING	2121	٧			1			1.00		
CONNECTIONS(W'ted)	2421	٧	•		1			1.00		
AERIAL CABLE	2421	٧								
(COPPER)	2421	٧		• }						
BURIED CABLE	2423	٧								
(COPPER)	2423	٧		:		•				-]
UNDERGROUND CABLE	2422	٧		i i			İ			ļ
(COPPER)	2422	٧					; 			1
CO EGPT - P GAIN	2211	٧			1			1.00		
MCE&P . DLC	2211	٧			1		!	1.00		
CO EGPT . ESS	2212	V			1		ļ	0.70		Ì
AERIAL CABLÉ	2421	V		j	1			1.00		
(FIBËR)	2421	٧								
BURIED CABLE	2423	٧			1			1.00		
(FIBER)	2423	٧					,			
UNDERGROUND CABLE	2422	٧			. 1			1.00		
(FIBER)	2422	٧								
POLE LINE	2411	٧			1			1.00		
CONDUIT	2441	٧			1			1.00		
					i I			:		

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EQPT - P GAIN = PGAIN EQ NVST + ADDITIONAL MUX NVST @ HUB + MCE&P NVST.

NOTE 3: CO EQPT - ESS = INVEST, PER CHAN, IN C.O. CONNECTORS + MCEEP INV.

SB EQV.

FACILITY TYPE: PAIR GAIN ON FIBER

CIRCUIT QUANTITY:

1

DATE = 22-Sep-94 TIME= 10:56 AM

LOOP DISTANCE (FT):

5000

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 INVESTI	UNIT			TOTAL ANNUAL	1990 TOTAL HONTH	
(a)	(b)	(c)	(d)	(e) Annual	(f)	(g)	(1)	(j)
	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
**********	••••	•••••		•••••	••••	*******	*******	
LAND	2111			12.0000				
BUILDING	2121			12.0000				
CONNECTIONS(W'ted)	2421			12.0000				•
AERIAL CABLE	2421							
(COPPER)	-				•			•
SURIED CABLE	2423		·					I
(COPPER)						1		`
UNDERGROUND CABLE	2422		!					}
(COPPER)			-					
CO EQPT . P GAIN	2211	•		12.0000				ļ
MCE&P . DLC	2211			12.0000		į		Í
CO EQPT - ESS	2212			12.0000				
AERIAL CABLE	2421			12.0000				
(FIBER)						!		ļ
BURIED CABLE	2423		. [12.0000				
(FIBER)			İ				I I	
UNDERGROUND CABLE	2422			12.0000				ĺ
(FIBER)								
POLE LINE	2411			12.0000			i	
CONDUIT	2441			12.0000			·	ļ.
	SUBTOTALS						•	
	TOTALS		· :	•				

SD EQV.

FACILITY TYPE: PAIR GAIN ON FIBER

CIRCUIT QUANTITY: 1

DATE = 22-Sep-94

LOOP DISTANCE (FT): 5000

TIME= 10:56 AM

STATE: Florida

SERVICE CLASS: LIAL-HONINTEGRATED

•			TOTAL ANNUA	TOTAL MOI	THLY COSTS		1993 TOTAL ANNUA		1993 TOTAL MON	ITHLY COSTS
(a)	(b)	(c)	(d)	(e)	(f)	1990 TO	(g)	(h)	(i)	(j)
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP-	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
	••••	•••••	*******	••••••	•••••	•••••	•••••	*******	*********	
LAND	2111					1.00000				
BUILDING	2121					1.08300				
CONNECTIONS(W'ted)	2421			•		1.00200				
AERIAL CABLE (COPPER)	2421									
BURIED CABLE (COPPER)	2423							i		ı
UNDERGROUND CABLE (COPPER)	2422							1		
CO EQPT - P GAIN	2211					1.06200				Į.
MCE&P - DLC	2211					1.06200				
CO EQPT . ESS	2212					0.88900				
AERIAL CASLE (FIBER)	2421					0.91300				
BURIED CABLE (FIBER)	2423		,			0.96400				
UNDERGROUND CABLE (FIBER)	2422					0.94900				
POLE LINE	2411					1.09100				
CONDUIT	2441					1.02500				
	SUBTOTALS					; 				
	TOTALS									

WORKSHEET

(FOR HUBBED FIBER / RT-CABINET) FOR PAIR GAIN ON FIBER DESIGNS #5

DATE = 22-Sep-94 TIME= 10:56 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

		MATRIX 2 RELATIVE	MATRIX 3	MATRIX 4 FIBER	MATRIX 5	MATRIX 7	HATRIX 8
LOOP LENGTH		MIX OF	LENGTH	INVESTMENT	FIBER	AIR DRYER	DROP WIRE
IN FEET	FIBER	FIBER	BY TYPE	PER	INVESTMENT	INVESTMENT	ADJUSTMENT
AND DESIGN	PLANT	TYPES	OF PLANT	CHANNEL FT.	PER CHANNEL	PER CHANNEL	PER PAIR
•••••	• • • • • • • • • • • • • • • • • • • •		•••••	**********	********		********
5000.00 CO-HUB	AERIAL						
	BURIED					1	
	UNDERGRND					;	•

INVESTMENT PER CHANNEL IN CENTRAL OFFICE

COND PG INV =

P GAIN EQUIP NVST =

ADDN'L MUX AT HUB =

POLE LINE FACTOR =

POLE LINE INVESTMENT
(TOTAL AER FI INV x FACTOR)

UG CONDUIT FACTOR =

CONDUIT INVESTMENT =

(TOTAL UG FI INV x FACTOR)

CONNECTORS =

MISC. COMMON EQPT. & POWER FACTOR =
MCEEP INV.(P GAIN INV +MUXINV)x FACTOR =
MCEEP INVESTMENT (CO CONN x FACTOR) =

LAND FACTOR =

LAND NVEST ((P GAIN INV+MCEP+MUX) x FACTOR) =

LAND NVEST ((CO CONN+MCEP)xFACTOR) =

BUILDING FACTOR *

BLDG NVEST ((P GAIN INV+MCEP+MUX) x FACTOR) =

BLDG NVEST ((CO CONN+MCEP)xFACTOR) =

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

1.000001

5,000

NOTE 2: THE SUBSCRIBER LINE CARRIER EQUIPMENT INVESTMENTS ARE DEVELOPED

OUTSIDE OF THE SPREADSHEET WITH APPROPRIATE UTILIZATION FACTORS APPLIED.

5A-1 EQV.

FACILITY TYPE:

PAIR GAIN ON FIBER

CIRCUIT QUANTITY:

1

DATE = 22-Sep-94 TIME= 10:56 AM

Sep-94 LOOP DISTANCE (FT):

5000

: 5000

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 UNIT INVESTMENTS			1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY EXCL. UTILIZATION				1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY INCL. UTILIZATION	
(*)	(b)	(c) FIXED		(e)	•		(9)	(h)		
•	USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LIME RAUL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY		EQUIP	FILL	EQUIP	
						••••••		••••	*******	
										•
LAND	2111	٧			1			1.00		
BUILDING	2121	٧	•		1			1.00	•	
CONNECTIONS(W'ted)	2421	٧			1			1.00		
AERIAL CABLE	2421	٧								
(COPPER)	2421	٧								
BURIED CABLE	2423	٧					ì			
(COPPER)	2423	٧		Ì				-		
UNDERGROUND CABLE	2422	٧						i i		ı
(COPPER)	2422	٧								
CO EQPT - P GAIN	2211	٧			1			1.00		
MCE&P - DLC	2211	٧		į	1			1.00		1
CO EQPT - ESS	2212	٧			1	-		0.70		
AERIAL CABLE	2421	٧			1			1.00		i
(FIBER)	2421	ν						ļ		.]
BURIED CABLE	2423	٧			1			1.00		
(FIBER)	2423									1
UNDERGROUND CABLE	2422	٧			1			1.00		
(FIBER)	2422	٧								
POLE LINE	2411	٧			1	!		1.00	l .	
CONDUIT	2441	٧			1			1.00		
					!					

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EQPT - P GAIN-PGAIN EQ NVST+ADDITIONAL MUX NVST & HUB+MCE&P NVST

NOTE 3: CO EQPT . ESS = INVEST. PER CHAM. IN C.O. CONNECTORS . MCEEP INV.

5B EQV.

FACILITY TYPE: PAIR GAIN ON FIBER

CIRCUIT QUANTITY:

DATE = 22-Sep-94

LOOP DISTANCE (FT):

5,000

TIME= 10:56 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 INVESTI	UNIT MENTS			TOTAL ANNUAL	1990 TOTAL MONTHLY COSTS	
(a)	(b)	(c)	(d)	(e) Annual	(f)	(g)	(1)	(j)
	USQA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	PIUDE	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
	••••	********	•••••	*****		********	*******	*******
LAND	2111			12.0000				
BUILDING	2121		*	12.0000				
CONNECTIONS(W'ted)	2421		•	12.0000				
AERIAL CABLE (COPPER)	2421							
BURIED CABLE (COPPER)	2423							
UNDERGROUND CABLE (COPPER)	2422					l		
CO EGPT - P GAIN	2211		}	12.0000				
MCE&P - DLC	2211		ļ	12.0000				
CO EQPT . ESS	2212		1	12.0000				
AERIAL CABLE (FISER)	2421			12.0000				
SURIED CABLE (FIBER)	2423			12.0000			į	
UNDERGROUND CABLE (FIBER)	2422			12.0000			İ	
POLE LINE	2411			12.0000				
CONDULT	2441		;	12.0000				
	SUBTOTALS						ŀ	•
	TOTALS		:	: :				ļ

5D EQV.

FACILITY TYPE: PAIR GAIN ON FIBER CIRCUIT QUANTITY: 1

DATE = 22-Sep-94

LOOP DISTANCE (FT): 5,000

TIME= 10:56 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

			TOTAL ANNUA	TOTAL MO	NTHLY COSTS		1993 TOTAL ANNUA	L COSTS	1993 TOTAL MON	ITHLY COSTS
(a)	(b)	(c)	(d)	(e)	(f)	19 90 TO	(g)	(h)	(1)	(j)
PLANT ITEM	USOA	LOOP TERM EQUIP	LINE HAUL	LOOP TERM	EQUIP	19 93 TPI	LOOP TERM EQUIP	LINE HAUL EQUIP	LOOP TERM EQUIP	LINE HAUL EQUIP
********		•••••	•••••		*********		********	*******	•••••	*******
LAND	2111		~			1.00000				
BUILDING	2121					1.08300				
CONNECTIONS(W'ted)	2421			• .		1.00200			•	
AERIAL CABLE (COPPER)	2421									
SURIED CABLE (COPPER)	2423					1				
UNDERGROUND CABLE (COPPER)	2422					! 		1		; ! İ,
CO EGPT - P GAIN	2211					1.06200		'		
MCEEP - DLC	2211					1.06200				
CO EQPT - ESS	2212					0.88900				
AERIAL CABLE (FIBER)	2421		:			0.91300				
BURIED CABLE (FIBER)	2423					0.96400		i		
UNDERGROUND CABLE (FIBER)	2422					0.94900				
POLE LINE	2411					1.09100				
CONDUIT	2441					1,02500				
	SUBTOTALS									
	TOTALS									

WORKSHEET COLOCATED HUB, RT, 2 CP FOR PAIR GAIN ON FIBER DESIGNS #6

DATE = 22-Sep-94 TIME= 10:56 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

	MATRIX 2 RELATIVE	MATRIX 3	MATRIX 4 Fiber	MATRIX 5	MATRIX 7	MATRIX 8
LOOP LENGTH TYPE OF IN FEET FIBER	MIX OF FIBER	LENGTH BY TYPE	INVESTMENT PER	FIBER INVESTMENT	AIR DRYER INVESTMENT	DROP WIRE ADJUSTMENT
AND DESIGN PLANT	TYPES	OF PLANT	CHANNEL FT.	PER CHANNEL	PER CHANNEL	PER PAIR

5000.00 AERIAL

BURIED

UNDERGRND

1.000001 5,000

COND PG INV =

P GAIN EQUIP NVST =

ADDN'L MUX AT HUB =

POLE LINE FACTOR = POLE LINE INVESTMENT (TOTAL AER FI INV x FACTOR)

UG CONDUIT FACTOR = CONDUIT INVESTMENT = (TOTAL UG FI INV x FACTOR)

INVESTMENT PER CHANNEL IN CENTRAL OFFICE CONNECTORS =

MISC. COMMON EQPT. & POWER FACTOR = MCERP INV.(P GAIN INV +MUXINV)x FACTOR = MCEEP INVESTMENT (CO CONN x FACTOR) =

LAND FACTOR = LAND NVEST ((P GAIN INV+NCEP+MUX) x FACTOR) = LAND NVEST ((CO CONN+MCEP)xFACTOR) =

BUILDING FACTOR = BLDG HVEST ((P GAIN INV+NCEP+MUX) x FACTOR) = BLDG NVEST ((CO CONN+MCEP)xFACTOR) =

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: THE SUBSCRIBER LINE CARRIER EQUIPMENT INVESTMENTS ARE DEVELOPED OUTSIDE OF THE SPREADSHEET WITH APPROPRIATE UTILIZATION FACTORS APPLIED. LOOP INVESTMENTS PER CIRCUIT

SA-1 EQV.

FACILITY TYPE:

PAIR GAIN ON FIBER

CIRCUIT QUANTITY:

1

DATE = 22-Sep-94

TIME= 10:56 AM

LOOP DISTANCE (FT):

5000

DISK AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

				UNIT TMENTS		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION		1990 INVESTM CIRCUIT INCL. UT	ENTS FOR QUANTITY
(a)	(b)	(c) Fixed	(d)	(e)		(f)	(g)	(h)	(1)	(j)
	USQA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP
*******	••••		•••••	•••••	••••••	•••••	•••••	••••	•••••	•••••
LAHD	2111	٧			1			1.00		
BUILDING	2121	٧			1			1.00		
CONNECTIONS(W'ted)	2421	٧			1			1.00		-
AERIAL CABLE	2421	٧								
(COPPER)	2421	٧								
BURIED CABLE	2423	٧								
(COPPER)	2423	٧								
UNDERGROUND CABLE	2422	٧								
(COPPER)	2422	٧		i						i
CO EGPT - P GAIN	2211	٧		ļ	1			1.00		
MCE&P - DLC	2211	V			1			1.00		·
CO EQPT - ESS	2212	V			1		:	0.70		
AERIAL CABLE	2421	٧			1		j	1.00		
(FIBER)	2421	V								:
BURIED CABLE	2423	٧		į	1			1.00		•
(FIBER)	2423	٧								
UNDERGROUND CABLE	2422	٧			1			1.00		
(FIBER)	2422	٧								
POLE LINE	2411	٧			1			1.00		!
CONDUIT	2441	٧			1			1.00		

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: CO EGPT - P GAIN=PGAIN EQ NVST+ADDITIONAL MUX NVST @ HUB+MCEEP NVST.

NOTE 3: CO EGPT - ESS = INVEST. PER CHAM. IN C.O. CONNECTORS + MCE&P INV.

MONTHLY LOOP COST CALCULATION

SB EQV.

FACILITY TYPE: PAIR GAIN ON FIBER

CIRCUIT QUANTITY:

DATE = 22-Sep-94

LOOP DISTANCE (FT): 5,000

34599 TIME=

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		19 9 0 Investi	KENTS			TOTAL ANNUAL	1990 TOTAL MONTH	LY COSTS
(a)	(b)	(c)	(d)	(e) Annual	(f)	(g)	(1)	(i)
	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
***********	••••	•••••	•••••	*****	*******	*******	•••••	•••••
LAND	2111			12.0000				
BUILDING	2121			12.0000				
CONNECTIONS (W' ted)	2421			12.0000				
AERIAL CABLE (COPPER)	2421							
BURIED CABLE (COPPER)	2423		!					•
UNDERGROUND CABLE (COPPER)	2422					I .		
CO EQPT - P GAIN	2211		i	12.0000				
MCERP - DLC	2211			12.0000				ì
CO EQPT - ESS	2212			12.0000				
AERIAL CABLE (FIBER)	2421			12.0000				ैंक
BURIED CABLE (FIBER)	2423			12.0000				
UNDERGROUND CABLE (FIBER)	2422		ļ	12.0000				
POLE LINE	2411		:	12.0000	i			
CONDUIT	2441		ā	12.0000				
	SUBTOTALS							
	TOTALS							

MONTHLY LOOP COST CALCULATION

50 EQV.

FACILITY TYPE: PAIR GAIN ON FIBER CIRCUIT QUANTITY: 1

DATE = 22-Sep-94

LOOP DISTANCE (FT): 5,000

TIME= 34599

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

			TOTAL ANNUA COSTS		NTHLY COSTS	;	1993 TOTAL ANNUA	L COSTS		ITHLY COSTS
(a)	(b)	(c)	(d)	(e)	(f)	1990 TO	(g)	(h)	(i)	(D
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
**********	••••	*********	•••••	•••••	•••••	*****	•••••	*******	•••••	******
LAND	2111					1.00000				
BUILDING	2121					1.08300		•		
CONNECTIONS(W'ted)	2421		•			1.00200				
AERIAL CABLE (COPPER)	2421									
RURIED CABLE (COPPER)	2423								s ¢ .	. •
UNDERGROUND CABLE (COPPER)	2422									
CO EQPT - P GAIN	2211		-			1.06200				
MCEEP - DLC	2211					1.06200				
CO EQPT - ESS	2212					0.88900				
AERIAL CABLE (FIGER)	2421		T.			0.91300	,			
BURIED CABLE (FIBER)	2423					0.96400				
UNDERGROUND CABLE (FIBER)	2422		•			0.94900				
POLE LINE	2411					1.09100				
CONDUET	2441		1			1.02500		3		
	SUBTOTALS		1					4		
	TOTALS		į					1		

WORKSHEET

TOTAL STUDY AREA

FIBER EXTENSION FROM HUB TO RT

FOR PAIR GAIN ON FIBER DESIGNS #1 AND 5

DATE = 22-Sep-94 TIME= 10:56 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

		MATRIX 2	MATRIX 3	MATRIX 4	MATRIX 5	HATRIX 7	MATRIX 8
		RELATIVE	LOOP	FIBER			
LOOP LENGTH	TYPE OF	MIX OF	LENGTH	INVESTMENT	CABLE	AIR DRYER	DROP WIRE
IN FEET	CABLE	CABLE	SY TYPE	PER	INVESTMENT	INVESTMENT	ADJUSTMENT
AND DESIGN	PLANT	TYPES	OF PLANT	CIRCUIT FOOT	PER CIRCUIT	PER PAIR	PER PAIR

4500.00 AERIAL FIBER OPTIC FACILITIES BURIED

HUS-RT

UNDERGRND

1.000001 4,500

CUSTOMER PREMISE CONNECTIONS: AVERAGE BUILDING CABLE INVESTMENT

PER LOOP =

ALL DROP WIRE AND OTHER INVESTMENT

IS INCLUDED IN THE APPROPRIATE CABLE ACCOUNT INVESTMENT PER

FCC MANDATE.

POLE LINE FACTOR =

POLE LINE INVESTMENT

(TOTAL AER CA INV x FACTOR)

LAND FACTOR =

LAND NVST (FEMUX+MCEP) x FACTOR=

BUILDING FACTOR =

BUILDING NVST (FEMUX+MCEP) x FACTOR=

HCEEP FACTOR = MCEAP INVEST. =

(TOTAL MUX INV X FACTOR)

UG CONDUIT FACTOR =

CONDUIT INVESTMENT =

(TOTAL UG CA INV x FACTOR)

MUX NVST =

NOTE 1: DESIGN AT THIS DISTANCE HAS NO LOAD COILS; THEREFORE, MATRIX 6 = 0.

HUB TO R.T. FACILITIES WORKSHEET

SA-1 EQV.

FACILITY TYPE: FIBER CABLE

CIRCUIT QUANTITY:

DATE = 22-Sep-94

LOOP DISTANCE (FT):

4500

TIME= 10:56 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

			1990 UNIT INVESTMENTS			INVESTME CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION		1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY INCL. UTILIZATION	
(a)	(b)	(c) FIXED	(d)	(e)	•	(f)	(9)	(h)	(i)	(j)
	USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP
********	••••	•••••	•••••	••••	•••••	•••••		••••		•••••
LAND	2111	. v			1			1.00		
BUILDING	2121	٧			1			1.00		
AERIAL CABLE	2421	٧			1			1.00		
AIR DRYER	2421	٧			1			1.00		
MISC.	2421	٧			1			1.00		at.
BURIED CABLE	2423	¥			. 1			1.00		
AIR DRYER	2423	٧			1			1.00		
MISC.	2423	٧			1			1.00		**
UNDERGROUND CABLE	2422	٧			1			1.00		
AIR DRYER	2422	٧			1			1.00		
MISC.	2422	٧			1			1.00		
CONNECTORS	2211	٧		•	1			1.00		
MCEEP - DLC	2211	٧			1			1.00		
POLE LINE	2411	٧			1			1.00		
CONDUIT	2441	٧			1			1.00		
FEMUX	2211	٧			1			1.00		

HUB TO R.T. FACILITIES WORKSHEET

SB EQV.

FACILITY TYPE:

FIBER CABLE

CIRCUIT QUANTITY:

DATE = 22-Sep-94 TIME= 10:56 AM

LOOP DISTANCE (FT):

4,500

STATE: Floride SERVICE CLASS: LIAL-NONINTEGRATED

		1990 Investi				TOTAL ANNUAL COSTS	1990 TOTAL MONTH	
	-					• • • • • • • • • • • • • • • • • • • •		
(*)	(b)	(c)	(d)	(e) Annual	(f)	(g)	(1)	(D)
	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP
•••••	••••	•••••	•••••			*******	••••••	•••••
LAND	2111			12.0000			• .	
BUILDING	2121			12.0000				
	2421							
AERIAL CABLE (COPPER)	2421			12.0000				
BURIED CABLE (COPPER)	2423			12.0000				en.
UNDERGROUND CABLE (COPPER)	2422			12.0000				
CO EQPT - P GAIN	2211			12.0000				
MCESP - DLC	2211			12.0000				34
CO EQPT . ESS	2212			12.0000				
AERIAL CABLE (FIBER)	2421			12.0000			•	
BURIED CABLE (FIBER)	2423			12.0000				
UNDERGROUND CABLE (FIBER)	2422			12.0000				
POLE LINE	2411			12.0000	k			
T1UGNOO	2441			12.0000				
	SUBTOTALS	3					ř.	

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

NOTE 2: FEMUX W/MCEPFEMUX = FEMUX INV.+ MCE&P INV.

HUB TO R.T. FACILITIES WORKSHEET

5D EQV.

FACILITY TYPE:

FIBER CABLE

CIRCUIT QUANTITY:

1

LOOP DISTANCE (FT):

4,500

DATE = 22-Sep-94 TIME= 10:56 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

			TOTAL ANNUA COSTS	TOTAL HO	NTHLY COSTS	_		TOTAL ANNUA	1993 TOTAL HONT	HLY COSTS
(a)	(b)	(c)	(d)	(e)	(f)	1990 TO	(g)	(h)	(i)	O
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
LAND	2111					1.0000	•			
BUILDING	2121		•			1.0830				
	2421			•						
AERIAL CABLE (COPPER)	2421					1.0020				
QURIED CABLE (COPPER)	2423					1.0180			· er	
UNDERGROUND CABLE (COPPER)	2422					0.9920				
CO EGPT - P GAIN	2211					1.0620				
MCE&P - DLC	2211					1.0620				
CO EQPT . ESS	2212					0.8890				
AERIAL CABLE (FIBER)	2421		• -			0.9130				
BURIED CABLE (FIBER)	2423					0.9640				
UNDERGROUND CABLE (FIBER)	2422					0.9490				
POLE LINE	2411					1.0910				
CONDUIT	2441									
	SUSTOTALS									
	TOTALS									

COPPER EXTENSION FROM HUS TO RT FOR PAIR GAIN ON FIBER DESIGNS #2 & #6

DATE = 22-Sep-94 TIME= 10:56 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

	MATRIX 2 RELATIVE	MATRIX 3 LOOP	MATRIX 4 Cable	MATRIX 5	MATRIX 7	MATRIX 8
LOOP LENGTH TYPE OF IN FEET CABLE	MIX OF CABLE	LENGTH BY TYPE	I NVESTMENT PER	CABLE INVESTMENT	AIR DRYER INVESTMENT	DROP WIRE
AND DESIGN PLANT	TYPES	OF PLANT	PAIR FOOT	PER PAIR	PER PAIR	PER PAIR
*******	*****	*****	•••••	••••	•••••	•••••

4500.00 AERIAL

CONSIDERS BURIED

22G, 24G

4 26G UNDERGRND

HUB-RT

1.000000 4,500

ALL DROP WIRE AND OTHER INVESTMENT

PAIR GAIN FACTOR=

0.1026

IS INCLUDED IN THE APPROPRIATE

CABLE ACCOUNT INVESTMENT PER

FCC MANDATE.

ORBINVEST=

MISC. COMMON EQPT. & POWER FACTOR = MCE&P INVESTMENT (ORBINV x FACTOR) =

POLE LINE FACTOR =

POLE LINE INVESTMENT

(TOTAL AER CA INV x FACTOR)

LAND FACTOR =

LAND NVEST ((MCEP+ORBINV)xFACTOR) =

UG CONDUIT FACTOR = CONDUIT INVESTMENT =

(TOTAL UG CA INV x FACTOR)

BUILDING FACTOR =

BLDG NVEST ((MCEP+ORBINV)xFACTOR) =

- NOTE 1: DESIGN AT THIS DISTANCE HAS NO LOAD COILS; THEREFORE, MATRIX 6 = 0.
- NOTE 2: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.
- NOTE 3: TOTAL CABLE INVESTMENT = CABLE INV + LOAD COIL INV + AIR DRYER INV + MISC INV.
- NOTE 4: MATRIX 8 . MATRIX 5 x DROP WIRE ADJUSTMENT
- NOTE 5: MATRIX 2 DEVELOPMENT SHOWN ON WORKSHEET A (#9).
- NOTE 6: MATRIX 4 DEVELOPMENT SHOWN ON WORKSHEET A (#8).
- NOTE 7: FOR 4 WIRE SERVICES ONLY, MATRIX 4 IS ALSO MULTIPLIED BY 2.

5A-1 EQV.

COPPER EXTENSION FROM HUB TO RT

FACILITY TYPE: COPPER CABLE

CIRCUIT QUANTITY:

1

DATE = 22-Sep-94

LOOP DISTANCE (FT): 4500

TIME= 10:56 AM

FOR PAIR GAIN ON FIBER DESIGNS #2 & #6

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

			1990 UNIT INVESTMENTS			1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY EXCL. UTILIZATION			1990 UNIT INVESTMENTS FOR CIRCUIT QUANTITY INCL. UTILIZATION		
(a)	(b)	(c) FIXED	(d)	(e)		(f)	(g)	(h)	(i)	(j)	
•	USOA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL	
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP	
*******	••••			•••••	•••••		•••	••••	*******	•••••	
LAND	2111	٧			1			1.00			
BUILDING	2121	٧			1			1.00			
CONNECTIONS(Wited)	2421	٧			1			1.00	•		
AERIAL CABLE	2421	٧			1			0.70			
AIR DRYER	2421	٧			1			0.70	t		
MISC.	2421	٧	:		1			0.70			
SURIED CABLE	2423	٧			1			0.70	,	•	
					1						
AIR DRYER	2423	٧			1			0.70			
HISC.	2423	٧			1			0.70			
UNDERGROUND CABLE	2422	٧			1			0.70		~	
AIR DRYER	2422	٧			1	-		0.70	•		
MISC.	2422	v						0.70			
CONNECTORS	2211	v			•			0.70			
MCEAP . DLC	2211	v		*	•			0.70			
POLE LINE	2411	v			1			0.70			
CONDUIT	2441	v			1			0.70			
ORBINV	2211	v			,			1.00			
CKOTAA	4211	•						7.00			

58 EQV.

COPPER EXTENSION FROM HUB TO RT

FACILITY TYPE: COPPER CABLE

CIRCUIT QUANTITY:

1

4500

DATE = 22-Sep-94 LOOP DISTANCE (FT):
TIME= 10:56 AM FOR DATE TIME= 10:56 AM FOR PAIR GAIN ON FIBER DESIGNS #2 & #6

STATE: florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 Investi				TOTAL ANNUAL COSTS	1990 TOTAL MONTHLY COSTS		
(a)	(b)	(c)	(d)	(e) Annual	(f)	(g)	(1)	(j)	
	USOA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	
PLANT [TEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP	
**********		******		•••••	*******	*******	•••••	*******	
LAND	2111			12.0000					
BUILDING	2121			12.0000					
CONNECTIONS(W'ted)	2421			12.0000					
AERIAL CABLE (COPPER)	2421			12.0000					
SURIED CABLE (COPPER)	2423			12.0000					
UNDERGROUND CABLE (COPPER)	2422			12.0000				÷	
CO EQPT . P GAIN	2211			12.0000					
MCEAP - DLC	2211			12.0000					
CO EQPT - ES\$	2212			12.0000	+				
AERIAL CABLE (FIBER)	2421			12.0000	•			4.	
BURIED CASLE (FIBER)	2423			12.0000	1				
UNDERGROUND CABLE (FIBER)	2422			12.0000					
POLE LINE	2411			12.0000)				
CONDUIT	2441			12.0000	1				

SUSTOTALS

TOTALS

NOTE 1: APPARENT INCONSISTANCIES CAUSED BY COMPUTER ROUNDING.

HOTE 2: CO EQPT - P GAIN = MCEEP INVEST + ORBINV.

COPPER EXTENSION FROM HUB TO RT

FACILITY TYPE: COPPER CABLE

CIRCUIT QUANTITY:

DATE = 22-Sep-94

LOOP DISTANCE (FT):

4500

TIME= 10:56 AM

FOR PAIR GAIN ON FIBER DESIGNS #2 & #6

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

50 EQV.

			TOTAL ANNUA		NTHLY COSTS			TOTAL ANNUA	1993 TOTAL MONT	
(a)	(b)	(c)	(d)	(e)	(f)	1990 TO	(g)	(h)	(i)	(i)
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
	• • • •	•••••		••••••	•••••	•••••	********	*******	•••••	•••••
LAND	2111					1.00000				
BUILDING	2121					1.08300	•			
CONNECTIONS(W'ted)	2421					1.00200				
AERIAL CASLE (COPPER)	2421					1.00200				
BURIED CABLE (COPPER)	2423					1.01800				
JNDERGROUND CABLE (COPPER)	2422					0.99200			æ.	
CO EQPT - P GAIN	2211					1.06200				
MCEEP - DLC	2211					1.06200				
CO EGPT - ESS	2212	•				0.88900			ν.	
AERIAL CABLE (FIBER)	2421								_	
BURIED CABLE (FIBER)	2423								•	•
UNDERGROUND CABLE (FIBER)	2422									
POLE LINE	2411					1.09100				
CONDUIT	2441	-				1.02500			į	
	SUBTOTALS									

TOTALS

BUILDING CABLE & TERMINAL INVESTMENT WORKSHEET • USED IN WORKSHEET E FOR CALCULATION OF PAIR GAIN, MONTHLY COSTS •

DATE = 22-Sep-94 TIME= 10:56 AM

STATE: Florida

SERVICE CLASS:

LIAL-NONINTEGRATED

TYPE OF PLANT

.....

(A) PLANT INVESTMENT (B) PROS OF OCCURANCE (C=A*B) WEIGHTED INVESTMENT

INTRABLDG CABLE

BLDG ENTR CA (COPPER)

BLDG ENTR CA4(FIBER) BLDG ENTR CA5(FIBER) AERIAL TERMINAL

BURIED TERMINAL

AERIAL DROP WIRE

BURIED DROP WIRE

POLE LINE FACTOR=
POLE LINE INVESTMENT=
(POLE FACTOR × AERIAL INV.)

NOTE: FOR 4 WIRE SERVICES ONLY, THE ABOVE PLANT INVESTMENTS HAVE BEEN DOUBLED.

0000191

MONTHLY LOOP COST CALCULATION BUILDING CABLE & TERMINAL INVESTMENT WORKSHEET

5A-1 EQV.

DATE = 22-Sep-94 TIME= 10:56 AM

STATE.	Florida	SERVICE CLASS.	LIAL-NOWINTEGRAT
41VIE!	FLOFIGE	SEKAILE LEVOS:	LIAL NURINIEURAI

·				UNIT TMENTS		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION		INVESTM CIRCUIT	UNIT ENTS FOR QUANTITY ILIZATION
(*)	(b)	(c) FIXED	(d)	(e)		(f)	(g)	(h)	(i)	O
	USCA	VARI	LOOP TERM	LINE HAUL	CIRCUIT	LOOP TERM	LINE HAUL	LINE	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	SUNK	EQUIP	EQUIP	QUANTITY	EQUIP	EQUIP	FILL	EQUIP	EQUIP
*********	••••	• • • • • •	•••••	•••••		•••••	•••••	••••	••••••	•••••
LAND	2111	v								
BUILDING	2121	٧								
BLDG ENT CBLE (CU)	2421	٧			1			1.00		
BLDG ENT CBLE4(FIB	2421	V			1			1.00		
BLDG ENT CBLES(FIB	2421	٧			1			1.00		
INTRABLDG CABLE	2421	٧			1			1.00	ı	
AERIAL CABLE	2421	V								
(COPPER)	2421	٧			1			0.70		· c -
BURIED CABLE	2423	٧								
(COPPER)	2423	٧			1			0.70		
UNDERGROUND CABLE	2422	V								
(COPPER)	2422	٧								•
CO EQPT - P GAIN	2211	٧								
CO EQPT - ESS	2212	V			•					
AERIAL CABLE	2421	٧								
(FIBER)	2421	٧								
BURIED CABLE	2423	٧								
(FIBER)	2423	٧					1			
UNDERGROUND CABLE	2422	V								
(FIBER)	2422	٧								
POLE LINE	2411	٧		-	1					
CONDUIT	2441	٧								

MONTHLY LOOP COST CALCULATION

5B EQV.

DATE = 22-Sep-94

SUILDING CABLE & TERMINAL INVESTMENT WORKSHEET

TIME= 10:56 AM

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

		1990 I NVESTI		1990 TOTAL ANNUAL COSTS			1990 TOTAL MONTHLY COSTS		
(a)	(b)	(c)	(d)	(+) ANNUAL	(f)	(g)	(1)	(I)	
•	USQA	LOOP TERM	LINE HAUL	COST	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	
PLANT ITEM	CODE	EQUIP	EQUIP	FACTOR	EQUIP	EQUIP	EQUIP	EQUIP	
*******	****	•••••	********			*******	********	*******	
LAND	2111								
BUILDING	2121								
BLDG ENT CBLE (CU)	2421			12.0000					
BLDG ENT CBLE4(FIB)	2421			12.0000					
BLDG ENT CBLES(FIB)	2421			12.0000					
INTRABLOG CABLE	2421			12.0000					
AERIAL CABLE	2421								
,TERMINAL)				12.0000				e	
BURIED CABLE	2423							4	
(TERMINAL)				12.0000					
UNDERGROUND CABLE (COPPER)	2422							_	
CO EQPT - P GAIN	2211				-				
CO EQPT - ESS	2212								
AERIAL CABLE (FIBER)	2421								
BURIED CABLE (FIBER)	2423								
UNDERGROUND CABLE (FIBER)	2422								
POLE LINE	2411			12.0000					
CONDUIT	2441								
	SUBTOTALS					·			

TOTALS

MONTHLY LOOP COST CALCULATION

SD EQV.

OATE = 22-Sep-94 TIME= 10:56 AM

BUILDING CABLE & TERMINAL INVESTMENT WORKSHEET

STATE: Florida

SERVICE CLASS: LIAL-NONINTEGRATED

			TOTAL ANNUA COSTS		NTHLY COSTS		1993 TOTAL ANNUA	L COSTS	1993 TOTAL HONT	THLY COSTS
(a)	(b)	(c)	(d)	(e)	(f)	1990 TO	(g)	(h)	(1)	(I)
	USOA	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL	1993	LOOP TERM	LINE HAUL	LOOP TERM	LINE HAUL
PLANT ITEM	CODE	EQUIP	EQUIP	EQUIP	EQUIP	TPI	EQUIP	EQUIP	EQUIP	EQUIP
********	••••	•••••	•••••	•••••	•••••	*****	•••••	********	•••••	•••••
LAND	2111									
SUILDING	2121									
BLOG ENT CBLE (CU)	2421					1.00200				
BLDG ENT CBLE4(FIB)	2421					0.91300				
BLDG ENT CBLES(FIB)	2421					0.91300				
INTRABLOG CABLE	2421					0.99200				
AERIAL CABLE	2421									
(TERMINAL)						1.00200			æ	
BURIED CABLE	2423									
(TERMINAL)						1.01800				
UNDERGROUND CABLE (COPPER)	2422								ν.	
CO EGPT . P GAIN	2211									
CO EQPT - ESS	2212								•	
AERIAL CABLE (FIBER)	2421									
BURIED CABLE (FIBER)	2423			•						
UNDERGROUNG CABLE (FIBER)	2422									
	2411					1.09100				
CONDUIT	2441									
	SUBTOTALS									

TOTALS

	it =	Florida			STUD	Y DATE =	22-Sep-94				
	COM =	13.347	6			TIME=	10:56:06 AN				
	SC =	LIAL-NONIN	TEGRATED		INVESTMEN	T YEAR =	1990			COPPER TECHN	OLOGY
					LOOP PROB.		1988		•	GAUGE MIX:	
	FTYPE1 =	COPPER CAR	BLE		STU	DY YEAR=	1993				
	FTYPEZ =	PAIR GAIN				_	ION-INTEGRATED)		COPPER26 =	1.00
	FTYPE3 =	PAIR GAIN	ON COPPER	FILE NAME:	N:\LIAL1994	\FL\FLP\$UF	RV\FLLOOPN			COPPER24 =	
_					-					COPPER22 =	-
9	PAZ6=	0.132308				AIRDA =		HISCA =			•••••
10	PBZ6=	0.691954				AIROB =		HISCB =		TOT. PROS=	1.00
11	PU26=	0.175738	PfIU26 =			AIRDU =		MISCU =			
	TOTAL =	1.000000			DI	STANCE BAI		ACF'		TPI	_
					BAND1 =		1,000	LAND =	12.0000	LTPI =	1.000
14	PA24 =	0.167261			BAND2 =		2,000	BLDG =	12.0000	BOTPI =	1.083
15	PB24 =	0.687889			SAND3 =		3,000	CON =	12.0000	HTP1 =	1.002
14	PU24 =	0.144850	PFIU24 =		8AN04 =		4,000	ACFISC =	12.0000	IBCTP1 =	0.992
1	TOTAL =	1.000000			BANDS =		5,000	ACC =	12.0000	ATPI =	1.002
					BAND6 =		6,000	BCC =	12.0000	STPI =	1.018
.19	PAZZ =		PFIA22 =		BAND7 =		7,000	UCC =	12.0000	UTPI =	0.992
50	P822 =	0.725519			BAND8 =		8,000	PGAIN =	12.0000	XTP1 =	1.062
21	PU22 =	0.101236	PFIU22 =		BAND9 =		9,000	COMF =	12.0000	COMTPI =	0.889
	TOTAL =	1.000000			BAND10 =		10,000	AFC =	12.0000	AFTPI =	0.913
0		A A/75AA			BAND11 =		11,000	BFC =	12.0000	SFTPE =	0.964
•	PROBAF =	0.063508	FPIAF =		8AND12 =		12,000	UFC =	12.0000	UFTP! =	0.949
<u> </u>	PROBBF =	0.349285	PFIBF =		8AND13 =			POLE =	12.0000	PTPI =	1.091
26	PROBUF =	0.587208 1.000001	PFIUF =		8AND14 = 8AND15 =	•		COMD =	12.0000 12.0000	CTPE =	1.025
	IUIAL -	1.000001	MFTINV =		BAND15 =			FBLDG = MFTACF =	12.0000	FBOTPI =	0.913
	•		MCEPS7 =		BAN017 =			PFEXT =	1.00	HEITER -	1.069
30	CO177C =		MFTFILL =	1.00	BAND18 =			PCEXT =	1.00	PGGAUGE =	26
31	CO177PG =		MFTPROS =	0.1000	BAN019 =			TOTAL PROS=	1.00		20
31	-		CIRQ =	1	BAND20 =			TOTAL TROOP		~-	
33	REPEATER=		CFILL =	•		LITY OF D	. BANDS	PG DEPLOYMENT	12.000	PFIAFH =	
34			FFILL =	1.00	PBAND1 =		0.0103		,	PFIBFH =	
35	MCEP77 =		257CFILL=	1.00	PBANDZ =			PHUBERT COL =	0.06	PFIUFH -	
	LANDF77 =		BECFILL =	1.00	PBAND3 =			PRT&CP COL =	0.11		
.37	BLDGF77 =		COEFILL =	0.70	PBAND4 =		0.0240			IBC(52C) =	
٠,					PBAND5 =		0.0411	PGFACTOR=	0.1026	PROBIBC =	
	CPLF =		MCEP257 =		PBANO6 =		0.0685				
40	CUCF =		LANDF257 =		PBANO7 =		0.0719	PRTF =	1.00	BEC(12C) =	
•	FPLF =		"LDGF257 =		PBANDS =		0.0342	PRTC =		PROBBEC =	
42	FUCF =		. •		PBAND9 =		0.0479			FBEC4(812C)	
•			CO-HUB :	17,018	PSAND10 =		0.0548			PROBFBEC4 =	
44	UNVPGINV		HUS-RT :	4,500	PBAND11 =		0.0274	PAIR GAIN RT	WEIGHTINGS	FBEC5(812C)	
45	ORBINV		RT-DIST =	4,000	PBAND12 =		0.0445	•••••		PROSFBEC5=	
46	INTPGINV				PBAND13 =			< FIBER •		TERMA =	-
47	HUBMUXNVST				PBAN014 =			DESIGN 1:	0.84	PROSTERMA =	
48	SXUMBUH		-CHAR TZA.	21,018	PBAND15 =			DESIGN 2:			
49	FEMUX		' LAST BND:	0.55	PBAND16 =			DESIGN 3:	0.05		
50	CONPGNVST				PBAND17 =			DESIGN 4:		PROSTERMS =	
,	RTARATIO =	1.000000			PBANO18 =			DESIGN 5:	0.10		
			•		PBAND19 =			DESIGN 6:		POWEZZC =	
•	COP PROB.	RT-DIST:	HUB-RT PRO	3-CG:	PBAND20 =					ADROPINV =	
								TOTAL =	1.00		

PAGE -2-

GRT-D22 =	HUB-RT-22	PROB OF BANDS 1-20 =	0.452061	PDWI45C =
PGRT-D24 =	HUB-RT-24	PROB OF LAST BAND =	0.547939 < COPPER >	BDROPINV =
PGRT-D26 =	1.00 HU8-RT-26	1.00	DESIGN 1:	
		TOTAL PROBABILITIES=	1.000000 DESIGN 2:	

DATE = 22-Sep-94 TIME= 10:56 AM

1993 FLORIDA * MOST ECONOMICAL COSTS SUMMARY SHEET * SERVICE CLASS= LIAL-NONINTEGRATED

FLAT RATE ANALYSIS

LOOP LENGTH IN FEET	BAND	MONTHLY COPPER TECHNOLOGY	MONTHLY PAIR GAIN ON COPPER	MONTHLY PAIR GAIN ON FIBER	MONTHLY ECONOMICAL COST
1,000 2,000 3,000 4,000 5,000 6,000 7,000 8,000 10,000 11,000	1 2 3 4 5 6 7 8 9 10 11 12		N/A N/A N/A		

21,018 LAST BAND -----

NOTE 1: "N/A" DENOTES THOSE BANDS IN WHICH PAIR GAIN IS NOT APPLICABLE BECAUSE THE BAND'S DISTANCE IS LESS THAN THAT FROM THE REMOTE TERMINAL TO THE CUSTOMER PREMISES.

NOTE 2: ONLY PAIR GAIN ECONOMICAL COSTS ARE CONSIDERED AFTER THE COMPANY LOOP DEPLOYMENT GUIDELINE DISTANCE IS REACHED.

THE CURRENT GUIDELINE IS: 12,000 FEET.

State: Florida

Service: Unbundled Loop

10/11/95 Page 1

Flat Rate Cost Summary

Total Total Total
Investment Annual Cost Monthly Cost

0000198

F18B017

Page: A- 1 Date: 10/11/95

STUDY PARAMETERS

STATE: Florida

JURISDICTION: Intrastate

SERVICE: Unbundled Loop

RATE STRUCTURE OF STUDY: Flat Rate

TYPE OF COSTS PROVIDED: Directly Assigned

PROBABILITY OF INTEGRATED CIRCUITS: `0.0000

PROBABILITY OF NON-INTEGRATED CIRCUITS: 1.0000

DISTANCE FROM CENTRAL OFFICE WHEN ONLY DLC IS DEPLOYED: 12000

ANNUAL LMOS ADDITIVE FOR EACH CIRCUIT: \$

At what level (years) are the costs provided: 1994-1996

Band	Probability
Band 1	0103
Band 2	.0137
Band 3	
Band 4	.0240
Band 5	.0411
Band 6	.0685
Band 7	.0719
Band 8	.0342
Band 9	.0479
Band 10	.0548
Band 11	0274
Band 12	.0446
Band 13	
Band 14	•
Band 15	•
Band 16	•
Band 17	•
Band 18	
Band 19	
Band 20	
_	ınd .5479

Total

1.0000

STATE: Florida

SERVICE: Unbundled Loop
COSTS: Directly Assigned

COM: 12.96

Date: 10/11/95

Page: B- 1

INVESTMENT/COST BY ACCOUNT CODE

Band 1

COPPER

Item :	Code	Investment	Levelization Factor	Loading Factor	Levelized Investment	Annual Cost	Cost
(A)	(B)	(C)	(D)	(E)	* (P=C*D*E) *	(G)	(H=F*G)
Aerial Cable	22¢						
Bldg Entrance Cole	12C						
Building	10C						
Buried Cable	45C						,
Co Eqpt - Ess	377C						
Conduit	4C						
Intrabldg Cable	52C						
Land	20C						
MCE&P	377C						
Pole	1C						
Underground Cable	SC						

Total

Minimum Cost Technology - COPPER

1000 Feet

Date: 10/11/95

STATE: Florida

SERVICE: Unbundled Loop Directly Assigned

COSTS: COM:

12.96

INVESTMENT/COST BY ACCOUNT CODE

Band 2

2000 Feet COPPER

			Levelization	Loading	Levelized	Annual Cos	t Annual
Item	Code	Investment	Factor	Factor	Investment	Factor	Cost
(A)	(B)	(C)	(D)	(E)	* (F=C*D*E) *	(G)	(H=F*G)
Aerial Cable	22C						
Bldg Entrance Cble	12C						
Building	10C						
Buried Cable	45C						
Co Egpt - Ess	377C						
Conduit	4C						
Intrabldg Cable	52C						
Land	20C						
MCEAP	377C						
Pole	1C						
Underground Cable	5C						

Total

Minimum Cost Technology - COPPER

Date: 10/11/95

STATE: Florida

SERVICE: Unbundled Loop Directly Assigned

COSTS:

COM:

INVESTMENT/COST BY ACCOUNT CODE

Band 3

3000 Feet

COPPER

			Levelization	Loading	Levelized	Annual Cost	Annual
Item	Code	Investment	Factor	Factor	Investment	Factor	Cost
(A)	(B)	(C)	(D)	(E)	* (F=C*D*E) *	(Q)	(H-F*G)

Aerial Cable	22C						
Bldg Entrance Cble	12C						
Building	10C						
Buried Cable	45C						
Co Egpt - Ess	377C						
Conduit	4C						
Intrabldg Cable	52C						
Land	20C						
MCE4P	377C						
Pole	1C						
Underground Cable	5C						

Total

Minimum Cost Technology - COPPER

Conduit calculation = --SC Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Florida

SERVICE: Unbundled Loop
COSTS: Directly Assigned

COSTS:

12.96

Page: B- 4 Date: 10/11/95

INVESTMENT/COST BY ACCOUNT CODE

Band 4

4000 Feet

COPPER

			Levelization	Loading	Levelized	Annual Cost	: Annual
Item	Code	Investment	Factor	Factor	Investment	Factor	Cost
(A)	(B)	(C)	- (D)	(E)	* (F-C*D*E) *	(G)	(H=F*G)
	*****			*****	********		
Aerial Cable	22C						
Bldg Entrance Cble	12C						
Building	10C						
Buried Cable	45C						
Co Egpt - Ess	377C						
Conduit	4C						
Intrabldg Cable	52C						
Land	20C						
MCEEP	3770						
Pole	1C -						
Underground Cable	5C						

Total

Minimum Cost Technology - COPPER

000200

F188012

Date: 10/11/95

Cost

(H-F+G)

Factor

(G)

Levelization Loading Levelized Annual Cost Annual

STATE: Florida

SERVICE: Unbundled Loop Directly Assigned COSTS:

COM:

12.96

INVESTMENT/COST BY ACCOUNT CODE

Band 5 COPPER 5000 Feet

Item	Code	Investment	Factor	Factor	Investment
(A)	(B)	(C)	· (D)	(E)	* (F=C*D*E) *
Aerial Cable	22C				
Bldg Entrance Cble	12C				
Building	10C ·				
Buried Cable	45C				
Co Egpt - Ess	377C				
Conduit	4C				
Intrabldg Cable	52C				
Land	20C				
MCEAP	377C				

10

5C

Total DLC-FIBER

Pole

Underground Cable

			Levelization	Loading	Levelized	Annual Cost	t Annual
Item	Code	Investment	Factor	Factor	Investment	Factor	Cost
(A)	(B)	(C)	(D)	(E)	* (F=C*D*E) *	(G)	(H=P+G)
		*********			********		
Aerial Cable	22C						
Aerial Cable	822C						
Bldg Ent Ca	812C						~-
Bldg Entrance Cble	12C						
Building	10C						
Building	10C						
Buried Cable	45C						
Buried Cable	845C						
Co Egpt - Ess	377C						
Co Egpt - P Gain	257C						
Conduit	4C						
Conduit '	84C						4
Land	20C						
Land	20C						
MCELP	257C						
MCEAP	377C						
Pole	1C						
Pole	811C						
Underground Cable	85C						

Total

Minimum Cost Technology - COPPER

(F) MCEEP calculation = --7C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E) Land & Building calculations = --7C Investment (Col. C) # Level. Factor (Col. D) + MCE&P Level. Investment (Col. P) * Loading Factor (Col. E) Pole calculation = 22C or 822C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E) Conduit calculation = --5C Investment (Col. C) # Level. Factor (Col. D) * Loading Factor (Col. E)

Date: 10/11/95

STATE: Florida

SERVICE: Unbundled Loop
COSTS: Directly Assigned

COM: 12.96

INVESTMENT/COST BY ACCOUNT CODE

Band 6

6000 Feet

COPPER

Item (A)	Code (B)	Investment (C)	Levelization Factor (D)	Loading Factor (E)	Levelized Investment *(F=C*D*E)*	Annual Cos Factor (G)	t Annual Cost (H=F*G)
Aerial Cable	22C			******		*******	
Bldg Entrance Cble	12C						
Building	10C						
Buried Cable	45C						
Co Eqpt - Ess	377C						
Conduit	4C						
Intrabldg Cable	52C						
Land	20C -						
MCEEP	377C						
Pole	10						
Underground Cable	SC						

Total DLC-FIBER

			Levelization	Loading	Levelized	Annual Cos	t Annual	
Item	Code	Investment	Factor	Factor	Investment	Pactor	Cost	
(A)	(B)	(C)	(D)	(E)	* (F=C*D*E) *	(G)	(H=F*G)	`
	•••••	•••••						
Aerial Cable	22C							
Aerial Cable	822C							
Bldg Ent Ca	812C						٠.	
Bldg Entrance Cble	12C							
Building	10C							
Building	100							
Buried Cable	45C							
Buried Cable	845C							
Co Egpt - Ess	377C							
Co Eqpt - P Gain	257C							
Conduit	4C							
Conduit ·	84C							
Land	20C							
Land	20C							
MCEEP	257C			-,				
MCEAP	377C							
Pole	1C							
Pole	811C							
Underground Cable	85C							

Total

Minimum Cost Technology - COPPER

(F) MCEEP calculation = --7C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Land & Building calculations = --7C Investment (Col. C) * Level. Factor (Col. D) + MCEEP Level.

Investment (Col. F) & Loading Factor (Col. E)

Pole calculation = 22C or 822C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Conduit calculation = --5C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Date: 10/11/95

STATE: Florida

SERVICE: Unbundled Loop
COSTS: Directly Assigned

7000 Feet

COM:

12.96

INVESTMENT/COST BY ACCOUNT CODE

Band 7

COPPER Levelization Loading Levelized Annual Cost Annual Item Code Investment Factor Factor Investment Factor Cost (A) (G)^{*} (B) (C) · (D) (E) * (F=C*D*E) * Aerial Cable 22C Bldg Entrance Cble 12Ç Building 10C **Buried Cable** 45C Co Egpt - Ess 377C Conduit 4C Intrabldg Cable 52C Land 20C MCEAP 377C Pole 1C

Total DLC-FIBER

Underground Cable

			Levelization	Loading	Levelized	Annual Cost	Annual
Item	Code	Investment	Factor	Factor	Investment	Pactor	Cost
(A)	(B)	(C)	(D)	(E)	* (F=C*D*E) *	(G)	(H=F*G)
			***************************************			******	
Aerial Cable	22C		•				
Aerial Cable	822C ·						
Bldg Ent Ca	812C						
Bldg Entrance Cble	12C						
Building	10C						
Building	10C						
Buried Cable	45C						
Buried Cable	845C						
Co Egpt - Ess	377C						
Co Eqpt - P Gain	257C						
Conduit	4C						
Conduit	84¢						
Land	20C						
Land	20C						
MCEEP	257C						
MCEAP	377C						
Pole	1C						
Pole	611C						
Underground Cable	85C						

Total

Minimum Cost Technology - COPPER

(F) MCE&P calculation = --7C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Land & Building calculations = --7C Investment (Col. C) * Level. Factor (Col. D) * MCE&P Level.

Investment (Col. F) * Loading Factor (Col. E)

Pole calculation = 22C or 822C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Conduit calculation = --5C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Date: 10/11/95

STATE: Florida

SERVICE: Unbundled Loop
COSTS: Directly Assigned

8000 Feet

COM: 12.96

INVESTMENT/COST BY ACCOUNT CODE

Band 8 COPPER

> Levelization Loading Levelized Annual Cost Annual Code Factor Factor Investment Factor Cost (B) (A) (C) . (D) (E) * (F=C*D*E) * (G) (H-P*G) Aerial Cable 22C Bldg Entrance Cble 12C . Building 10C Buried Cable 45C Co Egot - Ess 377C Conduit 4C Intrabldg Cable 52C Land 20C MCEAP 377C Pole 1C Underground Cable 5C

Total DLC-FIBER

			Levelization	Loading	Levelized	Annual Cos	t Annual
Item	Code	Investment	Factor	Factor	Investment	Factor	Cost
(A)	(B)	(C)	(D)	(E)	* (F=C*D*E) *	(G)	(H=F*G)

Aerial Cable	22C						
Aerial Cable	822C						
Bldg Ent Ca	812C						•
Bldg Entrance Cble	12C						
Building	100						
Building	10C						
Buried Cable	4SC						
Buried Cable	845C		•				
Co Eqpt - Ess	377C						
Co Egpt - P Gain	257C						
Conduit	4C						
Conduit	84C						
Land	20C						
Land	20C						
MCELP	257C						
MCEEP	377C						
Pole	1C	-					
Pole	811C						
Underground Cable	85C						

Total

Minimum Cost Technology - COPPER

(F) MCEEP calculation = --7C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Land & Building calculations = --7C Investment (Col. C) * Level. Factor (Col. D) * MCEEP Level.

Investment (Col. F) * Loading Factor (Col. E)

Pole calculation = 22C or 822C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Conduit calculation = --5C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Date: 10/11/95

STATE: Florida

SERVICE: Unbundled Loop
COSTS: Directly Assigned

COM: 12.96

INVESTMENT/COST BY ACCOUNT CODE

Band 9

9000 Feet

COPPER

Îtem (A)	Code (B)	Investment (C)	Levelization Factor (D)	Loading Factor (E)	Levelized Investment *(F=C*D*E)*	Annual Cos Factor (G)	Cost (H=F*G)
Aerial Cable	22C	********				******	
Bldg Entrance Cble	12C	-					
Building	10C						
Buried Cable	45C						
Co Egpt - Ess	377C						
Conduit	4C						
Intrabldg Cable	52C						
Land	20C						
MCEAP	377C						
Pole	1C						
Underground Cable	5C						

Total DLC-FIBER

Item (A)	Code (B)	Investment (C)	Levelization Factor (D)	Loading Factor (E)	Levelized Investment *(F=C*D*E)*	Factor	Cost (H=F*G)
Aerial Cable	22C					******	
Aerial Cable	822C						
Bldg Ent Ca	812C						
Bldg Entrance Cble	12C						
Building	10C						
Building	10C						
Buried Cable	45C						
Buried Cable	845C		•				
Co Egpt - Ess	377C						
Co Eqpt - P Gain	257C						
Conduit	4C						
Conduit	84C						
Land	20C						
Land	20C						
MCREP	257C						
MCEEP .	377C						
Pole	10						
Pole	811C						
Underground Cable	85C						

Total

Minimum Cost Technology - COPPER

(F) MCEEP calculation = --7C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Land & Building calculations = --7C Investment (Col. C) * Level. Factor (Col. D) * MCEEP Level.

Investment (Col. F) * Loading Factor (Col. E)

Pole calculation = 22C or 822C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Conduit calculation = --SC Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Date: 10/11/95

STATE: Florida

SERVICE: Unbundled Loop
COSTS: Directly Assigned

COM:

12.96

INVESTMENT/COST BY ACCOUNT CODE

Band 10

10000 Feet

COPPER

Item	Code	Investment	Levelization Factor	Loading Factor	Levelized Investment	Annual Cos Factor	t Annual Cost
(A)	(B)	(C)	(D)	(E)	* (F=C*D*E) *	(G)	(H=F*G)
Aerial Cable	22C		***********	*****			
Bldg Entrance Cble	12C						
Building	10C						
Buried Cable	45C				•		
Co Egpt - Ess	377C						
Conduit	4C						
Intrabldg Cable	52C						
Land	20¢						
MCEAP	377C						
Pole	10						
Underground Cable	5C						

Total DLC-FIBER

Item (A)	Code (B)	Investment (C)	Levelization Factor (D)	Loading Factor (E)	Investment	Factor	Cost (H=F*G)
Aerial Cable	22C						
Aerial Cable	822C						
Bldg Ent Ca	812C						•
Bldg Entrance Chle	12C						
Building	10C						
Building	10C						
Buried Cable	45C						
Buried Cable	845C						
Co Egpt - Ess	377C						
Co Egpt - P Gain	257C						
Conduit	4C						
Conduit	84C						
Land	20C						
Land	20C						
MCBAP	257C						
MCB&P	377C						
Pole	1C						
Pole	811C						
Underground Cable	85C						

Total

Minimum Cost Technology - COPPER

(F) MCEEP calculation * --7C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Land & Building calculations = --7C Investment (Col. C) * Level. Factor (Col. D) * MCEEP Level.

Investment (Col. F) * Loading Factor (Col. E)

Pole calculation = 22C or \$22C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Conduit calculation = --5C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Page: 8- 11

Date: 10/11/95

STATE: Florida

SERVICE: Unbundled Loop
COSTS: Directly Assigned

COM:

12.96

INVESTMENT/COST BY ACCOUNT CODE

Band 11

11000 Feet

COPPER

Item (A)	Code (B)	Investment	Levelization Factor (D)	Loading Factor (E)	Levelized Investment *(F=C*D*E)*	Annual Cos Factor (G)	t Annual Cost (H=F*G)

Aerial Cable	22C						
Bldg Entrance Cble	12C						
Building	10C						
Buried Cable	45C						
Co Eqpt - Ess	377C						
Conduit	4C						4
Intrabldg Cable	52C						
Land	20C						
MCE4P	377C						
Pole	1C						
Underground Cable	SC						

Total DLC-PIBER

			Levelization	Loading	Levelized	Annual Cost	Annual	
Item	Code	Investment	Factor	Pactor	Investment	Factor	Cost	
(A)	(B)	(C)	(D)	(E)	· * (F=C*D*E) *	(G)	(H=F*G)	•
	*****	••		**				
Aerial Cable	22C							
Aerial Cable	822C							
Bldg Ent Ca	812C						•	•
Bldg Entrance Cbls	12C							
Building	10C							
Building	10C							
Buried Cable	45C							
Buried Cable	845C							
Co Egpt - Ess	377C							
Co Egpt - P Gain	257C							
Conduit	4C							
Conduit '	54C							
Land	20C							
Land	20C							
MCELP	257C							
MCE&P	377C							
Pole	10							
Pole	811C							
Underground Cable	85C							

Total

Minimum Cost Technology - COPPER

(P) MCEAP calculation = --7C Investment (Col. C) * Level, Factor (Col. D) * Loading Factor (Col. E)

Land & Building calculations = --7C Investment (Col. C) * Level, Factor (Col. D) * MCEAP Level.

Investment (Col. F) * Loading Factor (Col. E)

Pole calculation = 22C or 822C Investment (Col. C) * Level, Factor (Col. D) * Loading Factor (Col. E)

STATE: Florida

SERVICE: Unbundled Loop COSTS: Directly Assigned

COM:

12.96

INVESTMENT/COST BY ACCOUNT CODE

Band 12

12000 Feet

COPPER

Item (A)	Code (B)	Investment (C)	Factor (D)	Loading Factor (E)	Levelized Investment *(F=C*D*E)*	Annual Cos Factor (G)	t Annual Cost (H=F*G)
Aerial Cable	22C						
Bldg Entrance Cble	12C						
Building	10C						
Buried Cable	45Ç						
Co Eqpt - Ess	377C						
Conduit	4C						
Intrabldg Cable	52C						
Land	20C						
MCE&P	377C						
Pole	1C						
Underground Cable	SC						

Total DLC-PIBER

Item	Code	Investment	Factor	Factor	Investment	Factor	Cost	
(A)	(B)	(C)	(D)	(E)	* (P=C*D*E) *	(G)	(H=F*G)	

Aerial Cable	22C							
Aerial Cable	822C							
Bldg Ent Ca	812C							
Bldg Entrance Cble	12C						,	~-
Building	10C							
Building	10C							
Buried Cable	45C							
Buried Cable	845C							
Co Egpt - Ess	377C							
Co Eqpt - P Gain	257C							
Conduit	4C							
Conduit	84C	•						
Land	20C							
Land	20C							

Levelization Loading Levelized Annual Cost Annual

Total

MCELP

MCELP

Pole

Pole

Underground Cable

Minimum Cost Technology - COPPER

257C

377C

8110

85C

10

(F) MCE&P calculation = --7C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E) Land & Building calculations = --7C Investment (Col. C) * Level. Factor (Col. D) * MCEAP Level. Investment (Col. F) * Loading Factor (Col. E) · Pole calculation = 22C or \$22C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E) Conduit calculation = --5C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Page: B- 12

Date: 10/11/95

Date: 10/11/95

STATE: Florida

SERVICE: Unbundled Loop
COSTS: Directly Assigned

COM: 12.96

INVESTMENT/COST BY ACCOUNT CODE

Last Band

1 21018 Feet

DLC-FIBER

		,	Levelization	Loading	Levelized	Annual Cos	t Annual
Item	Code	Investment	Factor	Factor	Investment	Factor	Cost
(A)	(B)	(C)	(D)	(E)	* (P=C*D*B) *	(G)	(H-F*G)
Aerial Cable	22C						
Aerial Cable	822C						
Bldg Ent Ca	812C						
Bldg Entrance Cble	12C						
Building	10C						
Building	10Ç						
Buried Cable	45C						
Buried Cable	845C						
Co Egpt - Ess	377C						
Co Eqpt - P Gain	257C						
Conduit	4C						
Conduit	84C						
Land	20C						
Land	20C						
MCEEP	257C						
MCEEP	377C						
Pole	1C						
Pole	811C						
Underground Cable	85C						

Total

Minimum Cost Technology - DLC-FIBER

*(F) * MCEEP calculation = --7C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Land & Building calculations = --7C Investment (Col. C) * Level. Factor (Col. D) * MCEEP Level.

Investment (Col. F) * Loading Factor (Col. E)

Pole calculation = 22C or \$22C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

Conduit calculation = --5C Investment (Col. C) * Level. Factor (Col. D) * Loading Factor (Col. E)

STATE: Florida

SERVICE: Unbundled Loop COST: Directly Assigned COM: 12.96

INVESTMENT/COST SUMMARY

Page: C- 1 Date: 10/11/95

Modi	fier	Distance	Technology	Annual Cost	Monthly Cost
Band	1	1000	COPPER		!
Band	2	2000	COPPER		
Band	3	3000	COPPER		
Band	4	4000	COPPER		
Band Band	5 5		COPPER DLC-FIBER		
Band Band	6 6		COPPER DLC-FIBER		
Band Band	7 7		COPPER DLC-FIBER		
Band Band	8 8		COPPER DLC-FIBER		e ^r
Band Band	_		COPPER DLC-FIBER		
Band Band			COPPER DLC-FIBER		
Band Band	-		COPPER DLC-FIBER		
Band Band			COPPER DLC-FIBER		
Last	Band	21018	DLC-FIBER		

Code: 10C

State: Florida
Service: Unbundled Loop
Ls: Directly Assigned
Compact 12.96

FLAT RATE INVESTMENT

	CALCULAT		
Modifier (A)	Investment (B)	Probability (C)	Weighted Investment (D=B*C)
Band 1			. \$
Band 2	•		Ś
Band 3			\$ -
Band 4			\$
Band 5			\$
Band 6			\$
Band 7			\$ \$
Band 8			
Band 9			\$
Band 10			\$
Band 11			\$
Band 12			\$ \$ \$ \$ \$
Last Band			\$

Page: D- 1 Date: 10/11/95

Total

State: Florida
Service: Unbundled Loop
s: Directly Assigned
COM: 12.96

Code: 12C

FLAT RATE INVESTMENT

Total

		CALCULAT	IONS	
Modi:		Investment (B)	Probability (C)	Weighted Investment (D=B*C)
		~~~~~~~		
Band	1			Š
Band	2			Š
Band	3			Š
Band	4			Š
Band	5			Š
Band	6			Š
Band	7			Ś
Band	8			Š
Band	9			Š
Band	10			Ś
Band	11			Ś
Band	12			Š
Last				*************

Page: D- 2 Date: 10/11/95

\$

State:

Florida

:s:

Service: Unbundled Loop

is: Directly Assigned

CM: 12.96

FLAT RATE INVESTMENT

Page: D-' 3 Date: 10/11/95

		CALCULAT	IONS	
	Modifier (A)		Probability (C)	Weighted Investment (D=B*C)
Code: 1C	•			
·	Band 1	•		\$
	Band 2			\$
	Band 3			š
•	Band 4			Š
	Band 5			š
	Band 6			Š
	Band 7			\$
	Band 8			š
	Band 9			Š
	Band 10			\$
	Band 11			\$
	Band 12			š
	Last Band			\$
	•			
		Total		\$

State: Florida
Forvice: Unbundled Loop
S: Directly Assigned
COM: 12.96

Page: D- 4 Date: 10/11/95

FLAT	RATE	INVESTMENT
- (	דווים, דאי	ATTONE

			CALCOLATIONS		
	Modif (A)		Investment (B)	Probability (C)	Weighted Investment (D=B*C)
Code: 20C					
	Band	1			¢
•		<u> </u>			\$
	Band	2			\$
	Band	3			· \$
	Band	4			Ś
	Band	5			ž
		_			3
	Band	6			ş
	Band	7			\$
•	Band	8			Ś
	Band	9			ė
	Band	-			ž.
					<u> </u>
	Band				Ş
	Band	12			\$
	Last	Band			\$
			Total		\$

Service: Unbundled Loop
is: Directly Assigned
COM: 12.96

FLAT RATE INVESTMENT

Page: D- 5 Date: 10/11/95

			•	CALCULAT			
		Modi:		Investment (B)	Probability (C)	Weighted Investment (D=B*C)	ιt
Codo . S	200						-
Code: 2		_	•		i	•	
	•	Band	1	,		\$	
		Band	2			Ś	
		Band	3			ě	
		Band	4			ž .	
		Band	5			Ş	
			_			Ş	
		Band	6			Ş	
		Band	7		•	\$	
,	•	Band	8			\$	
		Band	. <b>9</b>			Ė	
		Band	10			Š	
		Band				ě	
		Band				ž.	
•						\$	
		Last	band			\$	
			•	Total		\$	

Service: Unbundled Loop

Code: 257C

Directly Assigned

CUM:

12.96

Page: D- 6 Date: 10/11/95

FLAT RATE INVESTMENT

Total

CALCULATIONS Investment Probability Modifier Weighted Investment (A) (C) (D=B*C) Last Band

State: Florida
Service: Unbundled Loop
is: Directly Assigned
12.96

Page: D- 7 Date: 10/11/95

		•		
		FLAT RATE IN CALCULAT		
•	Modifier (A)		Probability (C)	Weighted Investment (D=B*C)
Code: 377C			**	
	Band 1	-		\$
	Band 2	•		š
	Band 3			Š
	Band 4			Š
	Band 5			Š
	Band 6			Š
	Band 7			Š
	Band 8			Š
	Band 9			Š
•	Band 10			Ś
	Band 11			Š
	Band 12			Š
	Last Band			<b>.</b>
		Total		\$

Service: Unbundled Loop
ts: Directly Assigned
COM: 12.96

FLAT RATE INVESTMENT

Page: D- 8 Date: 10/11/95

		CALCULAT	'IONS	
	Modifier (A)	Investment (B)	Probability (C)	Weighted Investment (D=B*C)
<b>.</b>				
Code: 45C	•		•	
	Band 1			Ś
	Band 2			Š.
	Band 3		•	ž
	Band 4			ž
				3
				ş
	Band 6			Ş
	Band 7			\$
	Band 8			Ś
	Band 9			Ś
•	Band 10			Š
	Band 11			ž
				Ž
	Band 12			<b>&gt;</b>
	Last Band			\$
	•	Total		\$
				7

State:

Florida

Code: 4C

/ice: Unbundled Loop sts: Directly Assigned 4: 12.96

Jats: C^M:

Page: D- 9 Date: 10/11/95

FLAT	RATE	INVESTMENT

Modifier (A)	CALCULAT Investment (B)	Probability (C)	Weighted Investment (D=B*C)
Band 1 Band 2 Band 3 Band 4 Band 5 Band 6 Band 7 Band 8 Band 9 Band 10 Band 11 Band 12 Last Band			***
	Total		\$

Code: 52C

State: Florida
'rice: Unbundled Loop
Coscs: Directly Assigned
COM: 12.96

Page: D- 10 Date: 10/11/95

FLAT	RATE	INVESTMENT
	~	

		CALCULAT	IONS				
Modi:		Investment (B)	Probability (C)	Weighted Investment (D=B*C)			
Band	1	•		\$			
Band	2			\$			
Band				_			
Band	4			\$ \$			
Band	5			ě			
Band	6			ş			
Band	7			ş			
Band	8			\$			
Band	و و			\$ \$ \$			
Band				ş			
Band				ş			
Band				Ş			
Band	12			\$			
		Total		Ś			

State:

Florida

vice: Unbundled Loop
Com: Directly Assigned
Com: 12.96

FLAT RATE INVESTMENT

	CALCULATIONS									
	Modifier (A)		Investment (B)	Probability (C)	Weighted Investment (D=B*C)					
Code: 5C										
code: sc	_			:	<u>.</u>					
	Band	1	•		\$					
	Band	2			\$ \$ .					
		3			Ě					
	Band	_			ş					
	Band	4			Ş					
	Band	5			\$					
	Band	6			Ė					
		<del></del>		ė.	Ž					
	Band	7			\$					
	Band	8			. \$					
	Band	9			Ś					
	Band	-			ė					
					Y					
	Band	11			\$					
	Band	12			\$					
			Total		<					

Page: D- 11 Date: 10/11/95

Service: Unbundled Loop

s: Directly Assigned

COM:

FLAT RATE INVESTMENT

CALCULATIONS

Investment Probability Weighted Investment Modifier (A) (B) (C) (D=B*C)

Code: 811C

Last Band

Page: D- 12

Date: 10/11/95

Total

\$

State:

Florida

Service: Unbundled Loop ts: Directly Assigned

Com:

12.96

FLAT RATE INVESTMENT

CALCULATIONS

Investment Probability Weighted Investment Modifier (A) (B) (C) (D=B*C)

Code: 812C

Last Band

Total

\$

Page: D- 13 Date: 10/11/95

Sorvice: Unbundled Loop

Code: 822C

Directly Assigned 12.96

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FLAT RATE INVESTMENT

CALCULATIONS

Investment Probability Weighted Investment (B) (C) (D=B*C) Modifier (A) Last Band Total

Sarvice: Unbundled Loop

Directly Assigned

COM:

12.96

FLAT RATE INVESTMENT

CALCULATIONS

Investment Probability Modifier Weighted Investment (A) (C) (D=B*C) Last Band

Code: 845C

Total

Page: D- 15

Date: 10/11/95

Sarrice: Unbundled Loop

COM: Directly Assigned COM: 12.96

FLAT RATE INVESTMENT

CALCULATIONS

Investment Probability Weighted Investment Modifier (A) (C) (D=B*C) Last Band

Code: 84C

Page: D- 16

Date: 10/11/95

Total

\$

Sarvice: Unbundled Loop

:s: Directly Assigned

COM:

12.96

FLAT RATE INVESTMENT

CALCULATIONS

Modifier (A)

(B)

Investment Probability (C)

Weighted Investment

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(D=B*C)

Code: 85C

Last Band

Total

rice: Unbundled Loop
Los: Directly Assigned
: 12.96

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## SUMMARY FLAT RATE INVESTMENT CALCULATIONS

Code	Investments
10C	\$
12C	Ś
1C	ž
20C	¥
	3
22C	ş
257C	\$
377C	\$
45C	\$
4C	Ś
52C	Ś
5C	Ś
811C	***************************************
812C	Ś
822C	Ś
845C	Ś
84C	ě
	ž
85C	Ģ

Service: Unbundled Loop Cost: Directly Assigned

COM: 12.96%

Page F- 1 Date: 10/11/95

## COST CALCULATIONS

					•							
Code	Investment		Deprec	COM		Сер Ехр	Mtce	Adval	Admin	Opr Exp	GRT	Total
										•••••		
10C		ACF:	-									
		Annual Cost:										
		Monthly Cost:			*							
		t of Cost:										
12C		ACF:										
		Annual Cost:										
		Monthly Cost:										
		t of Cost:										
10												
10		ACF:										
		Annual Cost:					-	= +			• •	• ••
		Monthly Cost: t of Cost:										
		4 or Cose:										
20C		ACF:										
-		Annual Cost:										
		Monthly Cost:										
		t of Cost:										
22C		ACF:										·c.
		Annual Cost:										
		Monthly Cost:										
		t of Cost:									; ,	_
												-
257C		ACF:										
		Annual Cost:										
		Monthly Cost:									ţ	
•		* of Cost:		-							ſ	
377C		ACF:										
		Annual Cost:										
		Monthly Cost:										
		t of Cost:										
45C		ACF:										
		Annual Cost:										
		Monthly Cost:		-								
		* of Cost:										
40												
4C		ACF:										
		Annual Cost: Monthly Cost:										
		t of Cost:										
		4 OT CORE:										

Note: Annual cost = Investment * ACF

Monthly cost = (Investment * ACF) / 12

% of Cost = Annual Cost Component / Total Annual Cost

NOTICE: Not for use or disclosure outside of BellSouth or any of its subsidiaries except under written agreement.

Service: Unbundled Loop Cost: Directly Assigned

COM: 12.96%

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## COST CALCULATIONS

Code	Investment		Deprec	COM		<b>.</b>					
					Inc Tx	Cap Exp Mtce	Adval	Admin	Opr Exp	GRT	Total
					~~~~						
52C		ACF:	-			i					
		Annual Cost:				•		,			
		Monthly Cost:				t					
		* of Cost:				:					
						!					
5C	:	ACF:				i					
		Annual Cost:				I					
		Monthly Cost:									
		t of Cost:			!	!					
811C		ACP:				1					
		Annual Cost:				t					
		Monthly Cost:				ĺ					
		t of Cost:			I	4					
812C		ACF:									
7.00		Annual Cost:			•	I				i	
		Monthly Cost:				•					
		of Cost:				<u>:</u>					
						'					
822C		ACF:									es.
		Annual Cost:			•					1	
•		Monthly Cost:									
		of Cost:			ı						
845C	: .	ACF:									
		Annual Cost:									
		Monthly Cost:									
		t of Cost:			1						
84C		ACF:			•					1	
		Annual Cost:									
		Monthly Cost:								(
	•	of Cost:			ì					•	
85C	,	ACF:									
		Annual Cost:								ı	
		Monthly Cost:									
		of Cost:									
										1	
LMOS	,	ACF:									
	,	Annual Cost:								1	
	3	Monthly Cost:								1	
		of Cost:								1	
	_										

Note: Annual cost = Investment = ACF | Monthly cost = (Investment = ACF) / 12 % of Cost = Annual Cost Component / Total Annual Cost

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State: Florida

Service: Unbundled Loop Cost: Directly Assigned

COM: 12.96%

COST CALCULATIONS

Code Investment Deprec COM Inc Tx Cap Exp Mtce Adval Admin Opr Exp GRT Total

Total Annual Cost:
Total Monthly Cost:

t of Cost:

0000**235**

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