ORIGINAL

ATTACHMENT B

BellSouth Telecommunications, Inc.
FPSC Docket No. 990649-TP
Request for Confidential Classification
Page 1 of 1
9/14/00

REQUEST FOR CONFIDENTIAL CLASSIFICATION OF BELLSOUTH'S RESPONSE TO STAFF'S 7TH SET OF INTERROGATORIES (ITEM NO. 124) AND 8TH REQUEST FOR PRODUCTION OF DOCUMENTS (POD NOS. 41, 42, 44, 47, 48, 52, 58 AND 60), FILED AUGUST 24, 2000 IN FLORIDA DOCKET NO. 990649-TP

Two Redacted Copies

APP
CAF
CMP
COM
CTR
ECR
LEG
OPC
PAI
RGO
SEC
SER
OTH

RESPONSE: (Continued)

(q) The Recent Change Memory Line Translations disconnect worktime under "Additional Ports" for the 2-Wire DID port (B.1.3) was incorrectly keyed.

(r) The incorrect discount level was The correct discount level is
The model is the SST-U model that is in file FLSt_SST_U.XLS, Worksheet Hardware Study, Cell C6.

(s) The file that needs to be changed is FLNPRCF.XLS. This file links to FLST_SST_P.XLS. Columns of data were added to the UNE Main Worksheet in FLST_SST_P.XLS, making it necessary to change the cell reference in FLNPRCF.XLS. The cell reference in FLNPRCF.XLS has been manually changed to link to the appropriate cell in FLST_SSTP.XLS.

(u) See Attachment No. 1.

(u) See Attachment No. 2.

(v) See Attachment No. 3.

RESPONSE PROVIDED BY:

Robert McKnight
Director
3535 Colonnade Parkway
Birmingham, Alabama 35243

Reginald Starks & Margaret Thompson
Directors
675 West Peachtree Street
Atlanta, Georgia 30375

Jim Stegeman
President
CostQuest Associates

BELLSOUTH TELECOMMUNICATIONS, INC.

FPSC DKT NO 990649-TP

STAFF'S 8TH REQUEST FOR PRODUCTION OF DOCUMENTS

POD NO. 41

PROPRIETARY

Drop (Material)

Plant Type	Type or Size	Material Cost	Description	Source	Notes
Aerial	2				
Aerial	6				
Buried	2				
Buried	5				

Drop (Material)				
Plant Type	Type or Size	Material Cost	Verified By:	Verified Date:
Aerial	2		Pam	1/19/00
Aerial	6		Pam	1/19/00
Buried	2		Pam	1/19/00
Buried	5		Pam	1/19/00

11/98 Catalog Prices

5 pr BSW

[redacted]

1038677 43.

1038677 50-

311000384-

861940526-

2 pr ASW

557952611-

920901162-

924901168-

2 pr BSW

400376 57-

[redacted]

6 pr ASW

1038676 51-

466901519-

APPARATUS EQUIPMENT AND TOOLS

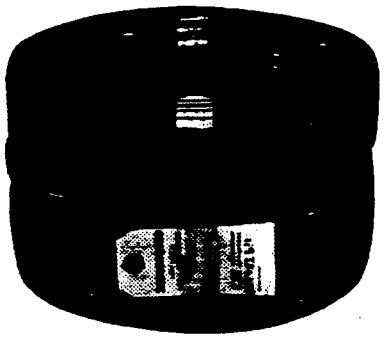
Needs for [illegible]

Products Catalog
November 1998

557 952 611 BTOS

WIRE ASW 2/22 COIL 500'

GTES STOCK S
NON-STOCK 09 1 1 2



557 952 611

TWO PAIR, 22 GAUGE AERIAL SERVICE WIRE. USED TO CONNECT THE CUSTOMER PREMISES LOCATION TO THE DISTRIBUTION CABLE TERMINAL. 500-FOOT COIL DESIGNED FOR USE WITH THE REELSAVER WIRE BOX AND SPOOL. 500 FT. = 1 COIL.
RL: 96-07-011BT

920 901 162

WIRE ASW 2/22 R CARTON 750'

GTES STOCK S
NON-STOCK 09 1 1 2

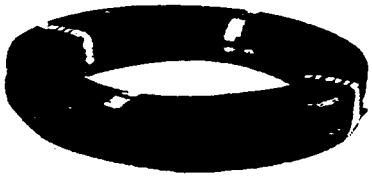
920 901 162

USED IN DROPS EXTENDING THE TELEPHONE CIRCUIT FROM DISTRIBUTION CABLE TERMINALS TO SUBSCRIBER STATIONS. FIBERGLASS REINFORCED AERIAL DROP WIRE. 750 FT/CTN. AVAILABLE ONLY IN NC, SC, GA THROUGH 1997. ALL OTHER STATES TO USE REPLACEMENT PID 557952611 WITH THE REELSAVER PRODUCTS, 06/97. 750 FT. = 1 BOX.

924 901 168 BTOS

WIRE ASW 2/22 R COIL 1000'

GTES STOCK S
NON-STOCK 09 1 1 2



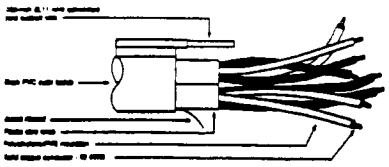
924 901 168

USED IN DROPS EXTENDING THE TELEPHONE CIRCUIT FROM DISTRIBUTION CABLE TERMINALS TO SUBSCRIBER STATIONS. FIBERGLASS REINFORCED AERIAL DROP WIRE. 1000 FT. = 1 COIL.

103 867 651

WIRE ASW 6/22 F RL 3500'

GTES STOCK S
NON-STOCK 09 1 1 2



103 867 651

INSULATED WIRE USED TO CONNECT OSP AERIAL TERMINAL WITH CUSTOMER PREMISE CLOSURE. AERIAL DROP WIRE. 3500 FT. = 1 REEL.

466 901 519

WIRE ASW 6/22 RL 1000'

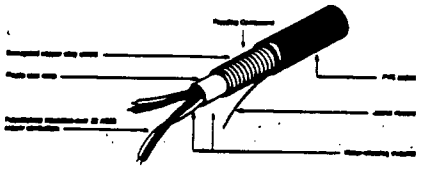
GTES STOCK S
NON-STOCK 09 1 1 2

SELF-SUPPORT DROP USED TO EXTEND TELEPHONE CIRCUIT FROM CABLE TERMINALS TO SUBSCRIBER STATIONS. 1000 FT. = 1 REEL.

311 000 378

WIRE BSW 2/22 C 3000'

GTES STOCK N
NON-STOCK 09 1 1 22



311 000 378 040 037 657 103 867 701 103 867 719
103 867 735 311 000 384

LARGE REEL 3000 FT. BURIED SERVICE WIRE FOR USE BETWEEN SERVING TERMINAL AND CUSTOMER'S PREMISE FROM THE DISTRIBUTION CABLE TO THE SUBSCRIBER. SERVICE WIRE INSTALLATIONS ARE GENERALLY LESS THAN 700' IN LENGTH.

040 037 657 BTOS

WIRE BSW 2/22 C 250'

GTES STOCK S
NON-STOCK 09 1 1 2

USED IN NON-GOPHER AREAS. CONTAINS POLYETHYLENE INSULATED 22AWG COPPER CONDUCTORS ENCLOSED BY A WATER AND FLAME RESISTANT FILLING COMPOUND. REPLACES WIRE, FILLED, SERVICE, F59307 & B. 250 FT. = 1 COIL.
BSP 061-760-100 BSP 460-300-143 BSP 462-260-202
BSP 629-300-100 BSP 629-720-200

103 867 719 **WIRE BSW 2/22 C LG 8250'**
GTES STOCK S
NON-STOCK 09 1 1 2 RE

TWO PAIR FILLED SERVICE WIRE INTENDED FOR USE IN PROVIDING BURIED SERVICE CONNECTIONS FROM THE DISTRIBUTION CABLE TO THE SUBSCRIBER. SERVICE WIRE INSTALLATIONS ARE GENERALLY LESS THAN 700' IN LENGTH. 8250 FT. = 1 REEL.

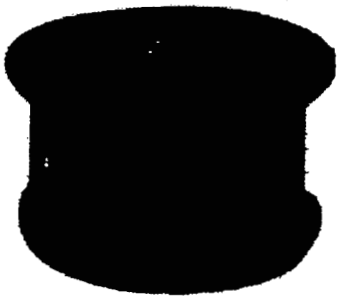
103 867 726 **WIRE BSW 2/22 C RL 1500'**
BTOS
GTES STOCK S
NON-STOCK 09 1 1 2 RE

TWO PAIR FILLED SERVICE WIRE INTENDED FOR USE IN PROVIDING BURIED SERVICE CONNECTIONS FROM THE DISTRIBUTION CABLE TO THE SUBSCRIBER. SERVICE WIRE INSTALLATIONS ARE GENERALLY LESS THAN 700' IN LENGTH. 1500 FT. = 1 REEL.

311 000 386 **WIRE BSW 5/22 C 3000'**
GTES STOCK N
NON-STOCK 09 1 1 18 1 FT

LARGE REEL 3000 FT. BURIED SERVICE WIRE. USED TO EXTEND BURIED TELEPHONE PLANT FROM THE DISTRIBUTION CABLE TO THE SUBSCRIBER. SERVICE WIRE INSTALLATIONS ARE GENERALLY LESS THAN 700' IN LENGTH. SERVICE WIRE CONSISTS OF TWISTED PAIRS OF 22 AWG COPPER CONDUCTORS INDIVIDUALLY INSULATED WITH COLOR CODED POLYOLEFIN INSULATION.

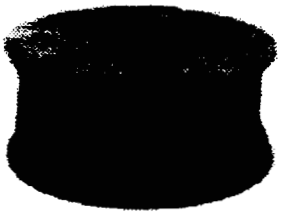
103 867 743 **WIRE BSW 5/22 C LG 5500'**
GTES STOCK S
NON-STOCK 09 1 1 2 RE



103 867 743

USED TO EXTEND BURIED TELEPHONE PLANT FROM THE DISTRIBUTION CABLE TO THE SUBSCRIBER. SERVICE WIRE INSTALLATIONS ARE GENERALLY LESS THAN 700' IN LENGTH. SERVICE WIRE CONSISTS OF TWISTED PAIRS OF 22 AWG COPPER CONDUCTORS INDIVIDUALLY INSULATED WITH COLOR CODED POLYOLEFIN INSULATION. 5500 FT. = 1 REEL.

103 867 750 **WIRE BSW 5/22 RL 925'**
BTOS
GTES STOCK S
NON-STOCK 09 1 1 2 RE



103 867 750

USED TO EXTEND BURIED TELEPHONE PLANT FROM THE DISTRIBUTION CABLE TO THE SUBSCRIBER. SERVICE WIRE INSTALLATIONS ARE GENERALLY LESS THAN 700' IN LENGTH. SERVICE WIRE CONSISTS OF TWISTED PAIRS OF 22 AWG COPPER CONDUCTORS INDIVIDUALLY INSULATED WITH COLOR CODED POLYOLEFIN INSULATION. 925 FT. = 1 REEL.

861 940 526 **WIRE BSW 5/22 300'**
BTOS
GTES STOCK S
NON-STOCK 09 1 1 2 RE

WIRE USED TO EXTEND BURIED TELEPHONE PLANT FROM THE DISTRIBUTION CABLE TO THE SUBSCRIBER. SERVICE WIRE CONSISTS OF 5 TWISTED COLOR-CODED WIRES OF 22 AWG COPPER CONDUCTORS. WIRE IS INSTALLED ON WOODEN REEL 74 X 11 X 6. APPROXIMATE WEIGHT IS 27 POUNDS. 300 FT. = 1 REEL.
RL: 94-04-007BT

NID/NIU (Material)

[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	Notes
NID	2				Material cost of equipment for terminating narrowband services.
NID	6				Material cost of equipment for terminating narrowband services.
NIDIntandProt	1				Material cost of the NID Interface and Protector per line terminated
NIU	1				Material cost of equipment for terminating DS1 services.

NID/NIU (Material)				
Plant Type	Type or Size	Material Cost	Verified By:	Verified Date:
NID	2		fw	2/3/00
NID	6		fw	2/3/00
NIDIntandProt	1		fw	2/3/00
NIU	1			

2 Line Housing

2L Interface
Less Prot.
Less. Add L -
- Housing Only

6 Line Housing

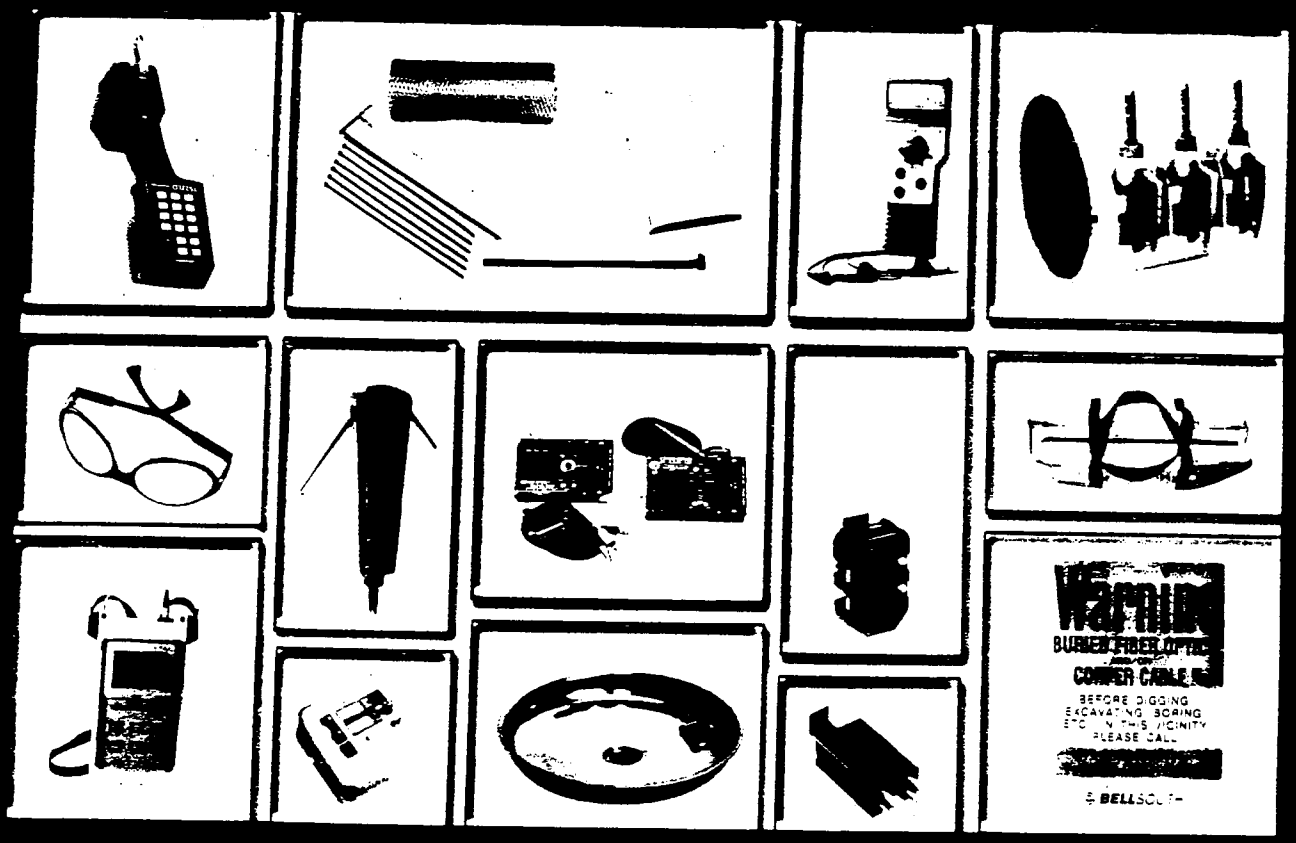
6L Interface
Less Prot.
Less Add L
- Housing Only

Bridge & Protector

Source: Apparatus Equipment and Tools Catalog, 11/99

APPARATUS EQUIPMENT AND TOOLS

Supplying The Needs for Today and the Future

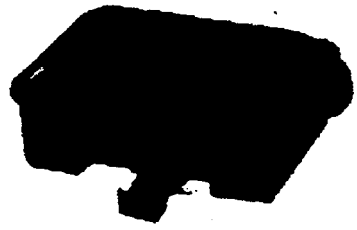


November 1999

399 912 815 **INTERFACE OS 1-2L 2AG-H1A**

BTOS GTES STOCK S

NON-STOCK 09 2 1 2 :A



399 912 815

INTERFACE OS (OUTSIDE) 1-2 LINE. EQUIPPED WITH ONE 350 ADAPTER, ONE ENTRANCE BRIDGE, ONE STATION PROTECTOR AND BASE. TO ADD 2ND LINE, ORDER INTERFACE OS ADD LINE 2A0/76A0, PID#: 909912495. FOR RETROFIT APPLICATIONS, ORDER PID#: 948931324. REPLACES PID#'S: 354000747, 354000754, 247009491, 247009517, 332002393, 247010374, AND 491902961. THIS ITEM IS SOMETIMES REFERRED TO AS A "CAC UNIT." RL: 92-03-026BT

909 912 495 **INTERFACE OS ADD LINE 2AG/76AG**

BTOS GTES STOCK S

NON-STOCK 09 6 1 2

909 912 495

SNAP IN BLOCK CONTAINS FOUR SCREW TERMINATION POINTS FOR CUSTOMER INSIDE WIRE, CORD PLUG, AND JACK. USED TO ADD LINES TO INTERFACE OS 1-6L 76A0 AND INTERFACE OS 1-2L 2A0.
RL: 92-03-026BT

325 911 923 **PROTECTOR STA 1PR MODULAR**

BTOS GTES STOCK S

NON-STOCK 09 1 1 2

325 911 923

356M2 ONE PAIR STATION PROTECTOR WITHOUT GROUND BRACKET. THREE ELEMENT SEALED GAS TUBE ARRESTER. WORKS WITH A 322 ADAPTER, PID#: 326911922. PACKAGED 5 PER BOX.
RL: 91-07-016SV

BELLSOUTH TELECOMMUNICATIONS, INC.

FPSC DKT NO 990649-TP

STAFF'S 8TH REQUEST FOR PRODUCTION OF DOCUMENTS

POD NO. 42

PROPRIETARY

[redacted]

ENTIRE Document

is

Proprietary

BELLSOUTH TELECOMMUNICATIONS, INC.

FPSC DKT NO 990649-TP

STAFF'S 8TH REQUEST FOR PRODUCTION OF DOCUMENTS

POD NO. 44

PROPRIETARY

Entire Document

is

Proprietary

BELLSOUTH TELECOMMUNICATIONS, INC.

FPSC DKT NO 990649-TP

STAFF'S 8TH REQUEST FOR PRODUCTION OF DOCUMENTS

POD NO. 47

PROPRIETARY

POD ITEM NO. 47
ATTACHMENT NO. 1
3 PAGES

FLORIDA

Digital Cross Connect 3 ~ 1

	LUCENT	TELLABS	ALCATEL	
Probability	67%	30%	3%	
Capacity equiped @ DS1				
DS1 capacity	13888	28,672	28	
Utilization	85%	85%	85%	
Per DS1 utilized				
Weighting				Total
Capacity equiped @ DS3				
DS3 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per DS3 utilized				
Weighting				Total
Capacity equiped @ STS-1				
STS-1 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per STS-1 utilized				
Weighting				Total

Digital Cross Connect 1 ~ 0

	LUCENT	TELLABS	DSC	
Probability	45%	28%	28%	
Capacity equiped @ DS0				
DS0 capacity	63040	12,288	8064	
Utilization	85%	85%	85%	
Per DS0 Utilized				
Weighting				Total
Capacity equiped @ DS1				
DS1 capacity	2626.666667	512	336	
Utilization	85%	85%	85%	
Per DS1 Utilized				
Weighting				Total

OneVision INC Cost Summary

R17.1

Proposal:		Customer:	BellSouth		
Status:				Sales Contact:	Ron Booker
Date:	14-Jan-00	Reference: Quote for OneVision INC System Replacement (approximate)		Telephone:	205-560-2108

Reference	Customer Selected Software & Services	Quantity	Unit Cost	Totals
2.1	RTU Items			
	1/0, 3/1, 3/3 DCSs Interface:		$	
	OC-3/OC-12 ADMs Interface		$	
	OC-48 ADMs Interface:		$	
	Database Partitions:		$	
	Concurrent Users:		$	
	GUI Right-To-Use		(	
2.3	INC Feature Upgrade Options			
	2.3.1 INC-to-INC Host or Remote Interface			
	2.3.2 Remote NEs Managed via INC Interface			
	a. Number of 1/0, 3/1, 3/3 DCS			
	b. Number of OC-3, OC-12 ADMs			
	c. Number of OC-48 ADMs			
	2.3.3 INC-to-SNC Interface			
	2.3.4 SNMP Interface			
	2.3.5 Dual Gateway Network Element Interface			
	2.3.6 Drop and Continue Interface			
	2.3.7 Dual Ring Interworking Interface			
2.4	Special Software Enhancements			
	a.		-	
	b.		-	
	c.		-	
3.2	Software Support Option - During Warranty (90day)		-	
3.3	Software Support Option - Post Warranty (per year cost after warranty expiration)		( )	
3.3	Software Support Due in Current Year		-	
4.1	Engineering & Installation		-	
5.1	Standard Training Course (separate charge)		-	
5.1	Special Training Quote (separate charge)		-	
5.1	Special Training Quote (included in RTU)		( )	
5.2	Trng/Misc Expenses		-	
5.3	Consultation and Proj Mgt		-	

6.1	**INC Hardware (approx cost)**		
6.2	**GUI Hardware** *(for BellSouth Support Centers)(approx cost)*		$
6.3	**Custom Hardware**		
		Total HW	$
	Total RTU+Services		
	Total RTU+Svcs+HW		

POD ITEM NO. 47
ATTACHMENT NO. 2
28 PAGES

INU Orderable Item List

Item NRTO=Not Ready To Order	Quantity	Unit Price (List)	Total Price

Version 5.4 - January 2000

[redacted]

SCP Control Server Hardware (Model 2)

The SCP Model 2 Control Server Cabinet is equipped with a 4-way SMP P6 200 MHz processor in an Active/Active mode.
The Model 2 Control Server is equipped with 8 (10/100 Mbit) ethernet interfaces and 512 MB or 2GB memory options.
Each Control Server is provided with a Media Unit which houses 6 pair of 9GB disks.
Also provided in the Control server is a peripherals kit which includes 2 windowing tern an alarm relay unit, and cables.
Order 1 of the following configurations for each SCP (2 for a mated-pair).

SCP Control Server M2 Option 1

Model 2 Control Server Cabinet e/w 512MB, 16 RS232, 8 X.25 ports, TCP/IP for SMS, & 1 Media Unit (R92/R01 Hardware)

SCP Control Server M2 Option 2

Model 2 Control Server Cabinet e/w 2GB, 16 RS232, 8 X.25 ports, TCP/IP for SMS, & 1 Media Unit (R92/R01 Hardware)

SCP Control Server M2 Option 3

Model 2 Control Server Cabinet e/w 2GB, 24 RS232, 8 X.25 ports, TCP/IP for SMS, & 2 Media Units (R92/R01 Hardware)

SCP Control Server M2 Option 4

Model 2 Control Server Cabinet e/w 2GB, 16 RS232, 12 X.25 ports, 8MM Tape Drive, & 1 Media Unit (R92/R01 Hardware)

SCP Control Server M2 Option 5

Model 2 Control Server Cabinet e/w 2GB, 24 RS232, 12 X.25 ports, 8MM Tape Drive, & 2 Media Units (R92/R01 Hardware)

For each Control Server cabinet, order 1 of the following:

Printer - **U.S. Power (120V)** — 1

SCP Telecom Server Hardware (Model 2)

Configuration provided with either 2 or 4 Telecom Servers. (e/w a P6 CPU & 128MB DRAM, MFOS Interface Equipment)
Order 1 of the following for each Model 2 Control Server ordered (2 for a mated-pair).

SCP Telecom Server Config Option 1 ☐
Model 2 - 4 SS7 Links (e/w 2 Telecom Server Units) (R92/R01 Hardware)

SCP Telecom Server Config Option 2 ☐
Model 2 - 8 SS7 Links (e/w 2 Telecom Server Units) (R92/R01 Hardware)

SCP Telecom Server Config Option 3 ☐
Model 2 - 16 SS7 Links (e/w 2 Telecom Server Units)(R92/R01 Hardware)

SCP Telecom Server Config Option 4 ☐
Model 2 - 16 SS7 Links (e/w 4 Telecom Server Units)(R92/R01 Hardware)

SCP Telecom Server Config Option 5 ☐
Model 2 - 32 SS7 Links (e/w 4 Telecom Server Units)(R92/R01 Hardware)

SCP Telecom Server Config Option 6 ☐
Model 2 - 2 HSL Links (e/w 2 Telecom Server Units, 1 HSL card in each unit)(R92/R01 Hardware)

SCP Telecom Server Config Option 7 ☐
Model 2 - 4 HSL Links (e/w 2 Telecom Server Units, 2 cards in each unit - using only 1 port on each card for reliability reasons)(R92/R01 Hardware)

SCP Telecom Server Config Option 8 ☐
Model 2 - 8HSL Links (e/w 4 Telecom Server Units, 2 cards in each unit - using only 1 port on each card for reliability reasons)(US Only) (R92/R01 Hardware)

☐

SCP Misc. Cabinet Hardware (Model 2)

Enter 0 or 1 Miscellaneous Cabinet Option for each SCP.

SCP Misc. Cabinet M2 Option 1 [1]
(Includes Miscellaneous Cabinet e/w Power Distribution Unit)

SCP Misc. Cabinet M2 Option 2 [ ]
(Provides Miscellaneous Cabinet e/w with Power Distribution Unit, 1 Modem Rack e/w 10 Synchronous and 6 Asynchronous Modem Cards)

SCP Misc. Cabinet M2 Option 3 [ ]
(Provides Miscellaneous Cabinet e/w with Power Distribution Unit, 2 Modem Racks e/w 26 Synchronous and 6 Asynchronous Modem Cards)

SCP Misc. Cabinet M2 Option 4 [ ]
(Provides Miscellaneous Cabinet e/w with Power Distribution Unit, 3 Modem Racks e/w 42 Synchronous and 6 Asynchronous Modem Cards)

Enter 0 or 1 for each miscellaneous cabinet ordered. Provides optional 48VDC to AC inverter for providing protected power for peripherals and Telecom Server Cabinet ethernet terminal server option.

Misc. Cabinet Power Inverter Option [ ]

SCP Control Server Hardware (Model 2 Plus)

[ ]

[ ]

[ ]

[1]

SCP Telecom Server Hardware (Model 2 Plus)

SCP Miscellaneous Cabinet Hardware (Model 2 Plus)

SCP Hardware Spares Kits

Model 2 to Model 2 Plus Delta Kit	1
SCP R9 CS Model 2 Sys Spares Kit	
SCP R8 CS Model 2 Sys Spares Kit	
SCP CS Model 1 System Spares Kit	
SCP M1 to M2 Conversion Spares (Provides M1 to M2 spares kit delta)	

SCP Hardware Field Growth Options

Second Media Unit / Growth

Media Unit equipped with 6 pair of 9GB disks (Order 1 per SCP) This growth item is to grow your SCP from One Media Unit to Two

4 RS232 Links (Max 2 Sets for M2)

(Max 1 Set for Model1) Growth. This growth item is to grow your SCP from 16 RS232 links to 20 or 24 RS232 links!

Growth Memory One Set Duplex 128MB SIMM Module / Growth

Model 2 - 512MB to 1GB (Order 8 per CS unit)/(16 per SCP) Model 2 - 512MB to 2GB (Order 16 per CS unit)/(32 per SCP) Model 2 -1GB to 2GB (Order 8 per CS unit)/(16 per SCP)

Growth Memory One Set Duplex

256MB DIMM Module - Strictly Model 2 Plus

1 Set of Dual X.25 Links / Growth

This is to gro< w your SCP from 4 X.25 links to 8 X.25 links! Strictly Model 2

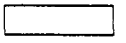
1 Set of Dual X.25 Links / Growth

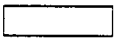
This is to grow your SCP from 4 X.25 links to 8 X.25 links! Strictly Model 2

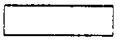
TCP/IP Interface / Growth

This is to grow your SCP for TCP/IP capabilities to the SMS!

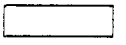
Note - All SCP's deployed after 1/1/99 already has this hardware functionality built in to the standard configurations.







1 Set of Dual SS7 Links / Growth

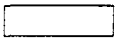


(Order per SCP) 1 card = 2 SS7 links

This is to grow your existing TS units from 4 SS7 links to 8 SS7 links! Standard configurations come with 2 or 4 TS units! (2 cards equal 4 SS7 links)!

The minimum number of cards in each TS unit is 2 so you have to order 2 sets to grow it to 4 in each unit! If you need to grow TS units select preconfigured TS units below!

1 Set of Dual SS7 Links / Growth

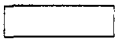


(Order per SCP) 1 card = 2 SS7 links

This is to grow your existing TS units from 4 SS7 links to 8 SS7 links! Standard configurations come with 2 or 4 TS units! (2 cards equal 4 SS7 links)!

The minimum number of cards in each TS unit is 2 so you have to order 2 sets to grow it to 4 in each unit! If you need to grow TS units select preconfigured TS units below!

One Telecom Server Units Equipped with 4 SS7 Links Each Growth R8



(Order 2 per SCP) Strictly Model 2

Select this growth item to grow your SCP with two more TS units preconfigured with 4 SS7 links! Standard configurations come with 2 or 4 TS units! (2 cards equal 4 SS7 links)! An example of selecting this item would be to go from

8 to 16 SS7 links (4 TS units total would be in your SCP! You can select the option above to grow from 8 to 16 SS7 links in the existing two TS units, but that is not recommended for reliabililty reasons. (not losing more than 25% of your network if an outage).

One Telecom Server Units Equipped with 8 SS7 Links Each / Growth R8

(Order 2 per SCP) Strictly Model 2

Select this growth item to grow your SCP with two more TS units preconfigured with 8 SS7 links! Standard configurations come with 2 or 4 TS units! (2 cards equal 4 SS7 links)! An example of selecting this item would be to go from 16 to 32 SS7 links (4 TS units total would be in your SCP!)

One Telecom Server Units Equipped with 4 SS7 Links Each / Growth

(Order 2 per SCP) (Release 92)

Select this growth item to grow your SCP with two more TS units preconfigured with 4 SS7 links! Standard configurations come with 2 or 4 TS units! (2 cards equal 4 SS7 links)! An example of selecting this item would be to go from 8 to 16 SS7

links (4 TS units total would be in your SCP! You can select the option above to grow from 8 to 16 SS7 links in the existing two TS units, but that is not recommended for reliabililty reasons. (not losing more than 25% of your network if an outage)

One Telecom Server Units Equipped with 8 SS7 Links Each / Growth

(Order 2 per SCP) (Release 92)

Select this growth item to grow your SCP with two more TS units preconfigured with 8 SS7 links! Standard configurations come with 2 or 4 TS units! (2 cards equal 4 SS7 links)! An example of selecting this item would be to go from 16 to 32 SS7 links (4 TS

1 HSL Card for Growth

Select this growth item to grow your SCP TS units with HSL's. The growth procedure calls for replacing the Low Speed Links with the HSL (note - they will be placed in the PCI slot of the TS unit). The supported configurations are...

2 HSL = 1 card in each TS unit (only using 1 port on the dual port card)
4 HSL = 2 cards in each TS unit (only using 1 port on the dual port card
8 HSL = 2 cards in each TS unit (only using 1 port on the dual port card

NFM/MFOS Interface / Growth
(Domestic Use Only)(Order per SCP)
This growth item is to grow your SCP to obtain the NFM interface!

Modem Rack / Growth 2
(Order per SCP)
This growth item is to add a Modem rack to the SCP!

Synchronous Modem Card, 24
Growth (Order per SCP)
This growth item is to add a Synchronous Modem Card to your SCP (1 for every X.25 added & SS7 link added)!

Asynchronous Modem Card,
Growth (Order per SCP)
This growth item is to add a Asynchronous Modem Card to your SCP!

Inverter, -48VDC to 110VAC
Wired for Growth (Order per SCP)
This growth items is to add an Power Inverter to your SCP!

SCP Model 2 Control Server Relief Prices for M1 to M2 Conversio

SCP Control Server Option 1
Model 2 Control Server Cabinet e/w 512MB, 16 RS232, 8 X.25 ports, TCP/IP for SMS, & 1 Media Unit (Growth)

SCP Control Server Option 2
Model 2 Control Server Cabinet e/w 2GB, 16 RS232, 8 X.25 ports, TCP/IP for SMS, & 1 Media Unit (Growth)

SCP Control Server Option 3
Model 2 Control Server Cabinet e/w 2GB, 24 RS232, 8 X.25 ports, TCP/IP for SMS, & 2 Media Units (Growth)

SCP Platform Software

Order 1 Operating System RTU or Retrofit Operating System RTU for each SCP (2 for a mated-pair).
Order 1 "4 SS7 Link System RTU for each SCP (2 for a mated pair).

SCP, Release 92 Operating 1
System & Utilities RTU

SCP, 4 SS7 Link System 8
Release 92 Software RTU

SCP, Release 02 Operating
System & Utilities RTU
SCP, 4 SS7 Link System
Release 02 Software RTU

SCP, Release 94 Operating
System & Utilities RTU
SCP, 2 HSL Link System
Release 94 Software RTU
SCP, 4 HSL Link System
Release 94 Software RTU
SCP, 8 HSL Link System
Release 94 Software RTU

If you are growing to High Speed Links (Domestic Only):
You will need to order another HSL Link RTU. The SS7 link RTU is indicated above.
If growing from...
4 Low Speed Links then get 10% discount...
8 Low Speed Links then get 20% discount...
16 Low Speed Links then get 40% discount...
32 Low Speed Links then get 80% discount...
Remember hardware is needed - please see TS growth options.
Growth Procedure is available.

Retrofitting to R92:
For the Model 2 SCP's - there is no hardware needed to upgrade to R92.
The procedure calls out for a retrofit server that will basically allow us to upgrade the drives from Solaris 2.5 to 2.6 w/o physically swapping them.

Order 1 Advantage SCP Retrofit Operating System RTU and System Software RTU for each SCP (2 for a mated-pair).

R8 -> R9 Advantage Retrofit **
Operating System RTU
R8 -> R9 Advantage Retrofit **
System Software RTU

Specifically, the IDE drives for the both the control & telecom servers need to be swapped with the new drives loaded with Sun Solaris 2.6. The actual retrofit is not an IDE swap out, but these spares do need to be replaced.

Select one IDE drive per existing SCP or Telcom Server spares kit.
The below IDE drive replaces comcode 407804228

R8 -> R9 Advan Retrofit IDE Drive
6GB IDE Drive (needed for R8>9 retrofit)

Model 1 Hardware Upgrade
Retrofit from R8 to R92: This kit includes the TCP/IP Interface Kit and the Ethernet Card Kit

**Note - There will not be a SCP Release 9 on the Starserver FT's!

SCP, Release 8 Operating ☐
System & Utilities RTU
SCP, 4 SS7 Link System ☐
Release 8 Software RTU

Order 1 Advantage SCP Retrofit Operating System RTU and System Software RTU for each SCP (2 for a mated-pair).

R7 -> R8 Advantage Retrofit ☐
Operating System RTU
R7 -> R8 Advantage Retrofit ☐
System Software RTU

Order 1 Starserver FT SCP RTU and System Software RTU for each SCP (2 for a mated-pair).

R7 -> R8 SSFT Retrofit ☐
Operating System RTU
R7 -> R8 SSFT Retrofit ☐
System Software RTU

[redacted]

[redacted]

Compact SN/IP+ Cabinet Hardware

1st Compact SN/IP Cabinet **CC0254** ☐
(e/w 1 ethernet hub, 1 5-way RS232 data switch, 5 splitters, and wired for power for 5 Compact SN units)

2nd Compact SN/IP Cabinet **CC0255** ☐

(e/w 1 5-way RS232 data switch, 5 splitters, and wired for power for 5 Compact SN units)

Order 0 -5 of the following for each Compact SN cabinet ordered.

Compact SN/IP+ Unit Option 2
Call Screening w/Speech Processing/PRI/BRI **CC0717** ☐

(e/w 1 DAT tape drive, 1 ARU, 1 Dual Pentium 500 MHz processor, each w/512Kb cache, 512MB DRAM, 6GB IDE drive, 4 9GB SCSI drives, 2 x 10/100MB Ethernet ports, 1 2-Port SS7 Bd, 1 4-port RS232 Bd, 2 Speech Processor Bd, 1 64-port Echo Cancellor Bd, 4 12-ch

Compact SN/IP+ Unit Option 3
Call Screening w/o Speech Processing **CC0718** ☐

(e/w 1 DAT tape drive, 1 ARU, 1 Dual Pentium 500 MHz processor, each w/512Kb cache, 512MB DRAM, 6GB IDE drive, 4 9GB SCSI drives, 2 x 10/100MB Ethernet ports, 1 2-Port SS7 Bd, 1 4-port RS232 Bd, 4 12< - ch BRI Bd, & 5 24-ch T1/PR

Compact SN/IP+ Unit Option 5
Call Screening w/Speech Processing/PRI **CC0719** ☐

(e/w 1 DAT tape drive, 1 ARU, 1 Dual Pentium 500 MHz processor, each w/512Kb cache, 512MB DRAM, 6GB IDE drive, 4 9GB SCSI drives, 2 x 10/100MB Ethernet ports, 1 2-Port SS7 Bd, 1 4-port RS232 Bd, 2 Speech Processor Bd, 1 64-port Echo Cancellor Bd.,7 24-por

Compact SN/IP+ Unit Option 10
ATF, LD - BRI, PRI **CC0720** ☐

(e/w 1 DAT tape drive, 1 ARU, 1 Dual Pentium 500 MHz processor, each w/512Kb cache, 512MB DRAM, 6GB IDE drive, 4 9GB SCSI drives, 2 x 10/100MB Ethernet ports, 1 2-Port SS7 Bd, 1 4-port RS232 Bd, 3 Speech Processor Bd., 64-port Echo cancellor Bd., 7 24-por

Compact SN/IP+ Unit Option 15
Large Announcement Box — **CC0721** [ ]

(e/w 1 DAT tape drive, 1 ARU, 1 Dual Pentium 500 MHz processor, each w/512Kb cache, 512MB DRAM, 6GB IDE drive, 4 9GB SCSI drives, 2 x 10/100MB Ethernet ports, 1 2-Port SS7 Bd, 1 4-port RS232 Bd,., 11 24-port T1/PRI bd

Compact SN/IP+ Unit Option 20
ATF - LD - E1 PRA — **CC0722** [ ]

(e/w 1 DAT tape drive, 1 ARU, 1 Dual Pentium 500 MHz processor, each w/512Kb cache, 512MB DRAM, 6GB IDE drive, 4 9GB SCSI drives, 2 x 10/100MB Ethernet ports, 1 4-port RS232 Bd, 2-port SS7 Bd. (BNC) 1 Speech Processor Bd, 1 64-port Echo Cancellor Bd

Compact SN/IP+ Unit Option 21

CC0723 [ ]

(e/w 1 DAT tape drive, 1 ARU, 1 Dual Pentium 500 MHz processor, each w/512Kb cache, 512MB DRAM, 6GB IDE drive, 4 9GB SCSI drives, 2 x 10/100MB Ethernet ports, 1 2-port SS7 bd,1 4-port RS232 Bd, 1 Speech Processor Bd., 64-port Echo cancellor Bd.

Compact SN/IP+ Unit Option 25
NAR Lucy — **CC0724** [ ]

(e/w 1 DAT tape drive, 1 ARU, 1 Dual Pentium 500 MHz processor, each w/512Kb cache, 512MB DRAM, 6GB IDE drive, 4 9GB SCSI drives, 2 x 10/100MB Ethernet ports, 4 speech Processor bds, 1 4-port RS232 Bd,., 1 64-port echo cancellor, 3 24-port T1/PRI bd

Compact SN/IP+ Unit Option 26
International Personal Assistant — **CC0725** [0]

(e/w 1 DAT tape drive, 1 ARU, 1 Dual Pentium 500 MHz processor, each w/512Kb cache, 512MB DRAM, 6GB IDE drive, 4 9GB SCSI drives, 2 x 10/100MB Ethernet ports, 1 4-port RS232 Bd, 2-port SS7 Bd. (BNC) 4 Speech Processor Bd, 3 30-port E1/IP

Compact SN/IP+ Unit Option 35
International E1/ISUP/TTS — CC0726 ☐

(e/w 1 DAT tape drive, 1 ARU, 1 Dual Pentium 500 MHz processor, each w/512Kb cache, 512MB DRAM, 6GB IDE drive, 4 9GB SCSI drives, 2 x 10/100MB Ethernet ports, 1 4-port RS232 Bd, 2-port ISWUPSS7 Bd., 1 Speech Processor Bd, 1 64-port Echo Cancellor Bd

Compact SN/IP+ Unit Option 40
International E!/ISUP — CC0727 ☐

(e/w 1 DAT tape drive, 1 ARU, 1 Dual Pentium 500 MHz processor, each w/512Kb cache, 512MB DRAM, 6GB IDE drive, 4 9GB SCSI drives, 2 x 10/100MB Ethernet ports, 1 4-port RS232 Bd, 2 Speech Processor Bd., 64-port Echo cancellor Bd., 5 30-port E1/Pra bd.

Compact SN/IP+ Unit Option 45
International E1/PRA, Conference Circuits and FAX — CC0728 ☐

(e/w 1 DAT tape drive, 1 ARU, 1 Dual Pentium 500 MHz processor, each w/512Kb cache, 512MB DRAM, 6GB IDE drive, 4 9GB SCSI drives, 2 x 10/100MB Ethernet ports, 1 2-poet SS7bd., 2 speech Processor bds, 1 4-port RS232 Bd,., 1 64-port echo cancellor, 3 8-port

Compact SN/IP+ Unit Option 50
Internet Call Waiting , SMS — CC0729 ☐

(e/w 1 DAT tape drive, 1 ARU, 1 Dual Pentium 500 MHz processor, each w/512Kb cache, 512MB DRAM, 6GB IDE drive, 4 9GB SCSI drives, 2 x 10/100MB Ethernet ports, 1 4-port RS232 Bd, 1 2-port SS7 Bd.

Compact SN/IP+ Hardware Field Growth Options

Compact SN/IP+ Growth Unit - Opt 2	**CC0730**	☐
Compact SN/IP+ Growth Unit - Opt 3	**CC0731**	☐
Compact SN/IP+ Growth Unit - Opt 5	**CC0732**	☐
Compact SN/IP+ Growth Unit - Opt 10	**CC0733**	☐
Compact SN/IP+ Growth Unit - Opt 15	**CC0734**	☐
Compact SN/IP+ Growth Unit - Opt 20	**CC0735**	☐
Compact SN/IP+ Growth Unit - Opt 21	**CC0736**	☐
Compact SN/IP+ Growth Unit - Opt 25	**CC0737**	☐
Compact SN/IP+ Growth Unit - Opt 26	**CC0738**	☐
Compact SN/IP+ Growth Unit - Opt 35	**CC0739**	☐

Compact SN/IP+ Growth Unit - Opt 40	**CC0740**	
Compact SN/IP+ Growth Unit - Opt 45	**CC0741**	
Compact SN/IP+ Growth Unit - Opt 50	**CC0742**	

Compact SN/IP Hardware Field Upgrade from 200MHz to 500MHz Compact SN/IP+ (Release 94 required)

Order (1) release 9 software tape for upgrades from R84. Order (1)hardware kit and (1) software kit for each chassis below.

Options based on chassis and release version of the embedded software.

NOTE: Version 1 chassis were generally available through 4/99.
V1 chassis has 2 SCSI drives while V2 chassis has 4 front accessable SCSIs.
The upgradewill require both field service installation and a NPI resource.
Estimated time for the proceedure itself is a minimum of one single maintenance window. Backups are required prior to procedure and a soak period is recommended.

HW kit for V1 Release 84 to 500MHz, Release 94	**CC0743**	0
HW kit for V2 Release 92 to 500MHz, Release 94	**CC0745**	0
HW kit for V2 Release 84 to 500MHz, Release 94	**CC0746**	0

Compact SN/IP Software

SN software is sold on per port basis and is dependent upon the Compact SN Config sold.
Order 1 of the following for each Compact SN Config. ordered.

Compact SN, Release 9
Operating System & Utilities RTU

Compact SN, Retrofit R8 > R 9
Operating System & Utilities RTU

Compact SN, Release 8
Operating System & Utilities RTU

R9 Compact SN/IP Option 2
Software RTU

R9 Compact SN/IP Option 3
Software RTU

R9 Compact SN/IP Option 5
Software RTU

R9 Compact SN/IP Option 10
Software RTU

R9 Compact SN/IP Option 15
Software RTU

R9 Compact SN/IP Option 20
Software RTU

R9 Compact SN/IP Option 25
Software RTU

R9 Compact SN/IP Option 26
Software RTU

R9 Compact SN/IP Option 35
Software RTU

R9 Compact SN/IP Option 40
Software RTU

R9 Compact SN/IP Option 45
Software RTU

R9 Compact SN/IP Option 50
Software RTU

R8>'R9 Compact SN/IP Opt. 2 Retrofit
Software Retrofit RTU

R8>'R9 Compact SN/IP Opt. 3 Retrofit
Software Retrofit RTU

R8>'R9 Compact SN/IP Opt. 5 Retrofit
Software Retrofit RTU

R8>'R9 Compact SN/IP Opt 10 Retrofit
Software Retrofit RTU

R8>'R9 Compact SN/IP Opt 15 Retrofit
Software Retrofit RTU

R8>'R9 Compact SN/IP Opt 20 Retrofit
Software Retrofit RTU

R8>'R9 Compact SN/IP Opt 25 Retrofit
Software Retrofit RTU

R8>'R9 Compact SN/IP Opt 26 Retrofit
Software Retrofit RTU

R8>'R9 Compact SN/IP Opt 35 Retrofit
Software Retrofit RTU

R8>'R9 Compact SN/IP Opt 40 Retrofit
Software Retrofit RTU

R8>'R9 Compact SN/IP Opt 45 Retrofit
Software Retrofit RTU

R8>'R9 Compact SN/IP Opt 50 Retrofit
Software Retrofit RTU

Compact SN II Cabinet Hardware

Each Compact SN cabinet may contain from 0-4 Compact SN units.

Compact SN II Cabinet **CCXXXX**

Compact SN II Hardware

Other combinations of boards are available. Contact Account Management if the following options are not optimal for your service.

Order 0-4 of the following for each Compact SN cabinet ordered.

Compact SN II Unit Option 2
Privacy Director & TCW **CCXXXX**

(1 Dual Pentium 600 MHz processor, 9 18GB SCSI drives, 5 4T1/PRI bds, 4 32BRI bds, 5 32chan Speech Boards)
Compact SN II Unit Option 3
Priv Director CCXXXX ☐

(1 Dual Pentium 600 MHz processor, 9 18GB SCSI drives, 5 4T1/PRI bds, 4 32BRI bds)
Compact SN II Unit Option 10
TCW Only CCXXXX ☐

(1 Dual Pentium 600 MHz processor, 9 18GB SCSI drives, 8 4T1/PRI bds, 6 32chan Speech Boards)
Compact SN II Unit Option 15
Sim Ring CCXXXX ☐

(1 Dual Pentium 600 MHz processor, 9 18GB SCSI drives, 14 4T1/PRI bds)
Compact SN II Unit Option 100
LDAP Server & SMSC CCXXXX ☐

(1 Dual Pentium 600 MHz processor, 9 18GB SCSI drives)
Compact SN II Unit Option 105
Cellular Voice Dialing CCXXXX ☐

(1 Dual Pentium 600 MHz processor, 9 18GB SCSI drives, 7 4T1/PRI bds, 1 4SS7 card, 6 32chan Speech Boards)
Compact SN II Unit Option 110 CCXXXX ☐
Clustering Hub
OAM Unit (includes frame and 2 shelves included to support clustering)
(per shelf = 1 Dual Pentium 600 MHz processor, 9 18GB SCSI drives, 4 SS7)

Compact SN II Software

Compact SN, Release 9 ☐
Operating System & Utilities RTU

R9 Compact SN/IP Option 2 ☐
Software RTU
R9 Compact SN/IP Option 3 ☐
Software RTU
R9 Compact SN/IP Option 10 ☐
Software RTU
R9 Compact SN/IP Option 15 ☐
Software RTU
R9 Compact SN/IP Option 100 ☐
Software RTU
R9 Compact SN/IP Option 105 ☐
Software RTU
R9 Compact SN< /IP Optio ☐
Software RTU

Intelligent Peripheral Manager (IPM)

IPM Hardware

Intelligent Peripheral Manager
(IPM) Hardware System

Growth R9 Software Orders...

Choose 1 for each additional Compact SN/IP beyond the initial 10, for any added to an existing IPM.

IPM R9 Software Announcement
Manager (Growth Order)

IPM R9 Software Surveliance
Manager (Growth Order)

Growth R8 Software Orders...

Choose 1 for each additional Compact SN/IP beyond the initial 10, for any added to an existing IPM.

IPM R8 Software Announcement
Manager (Growth Order)

IPM R8 Software Surveliance
Manager (Growth Order)

Service Management System Hardware

J5000/J7000
(Simplex,supports 3 pairs of SCPs, 60 CSNs,10K Transaction per hour, 500K subscribers per service, 32 provisioning users and capacity management tool)

N4000
(Duplex,supports 10 pairs of SCPs, 60 CSNs,20K Transaction per hour, 10M subscribers per service, 64 provisioning users and capacity management tool)

N4000
(8-way,supports 20 pairs of SCPs, 80+ CSNs,75K Transaction per hour, 30M subscribers per service, 640 provisioning users and capacity management tool)

Service Management System Software

J5000/J7000
System Software RTU

N4000 Duplex
System Software RTU

N4000 8-way
System Software RTU

Optional Software Features
Provisioning Management
J-Class RTU

Provisioning Management
Duplex N-Class RTU
Provisioning Management
8-way N-Class RTU

Announcement Management
J-Class RTU
Announcement Management
Duplex N-Class RTU
Announcement Management
8-way N-Class RTU

Configuration Management
J-Class RTU
Configuration Management
Duplex N-Class RTU
Configuration Management
8-way N-Class RTU

LNP SW Pricing
J-Class RTU
LNP SW Pricing
Duplex N-Class RTU
LNP SW Pricing
8-way N-Class RTU

Bulk Provisioning
J-Class RTU
Bulk Provisioning
Duplex N-Class RTU
Bulk Provisioning
8-way N-Class RTU

Simulated Test Query
J-Class RTU
Simulated Test Query
Duplex N-Class RTU
Simulated Test Query
8-way N-Class RTU

Network Element Query
J-Class RTU
Network Element Query
Duplex N-Class RTU
Network Element Query
8-way N-Class RTU

Optional Items
Disaster Recovery **Not Available**
J-Class
Disaster Recovery
Duplex N-Class
Disaster Recovery
8-way N-Class

Extermal Web Server

Performace Tools

Development Tools ☐
For upstream SCPs

SN Control Server Hardware

The Model 1 Control Server is equipped with a single P6 200MHz processor, 2 10Mbit ethernet interfaces and is available with either 4 or 8 SS7 links.
Each Control Server is provided with a Media Unit which houses 6 pair of 4GB disks (3 pair system, 3 pair user).
Also provided in the Control server is a peripherals kit which includes 2 windowing terminals, an alarm relay unit and cables.

SN Control Server Option 1 ☐
Model 1 Control Server Cabinet e/w 512MB, 16 RS232, 4 X.25 ports, 4 SS7 links, & 1 Media Unit

SN Control Server Option 2 ☐
Model 1 Control Server Cabinet e/w 512MB, 16 RS232, 8 X.25 ports, 4 SS7 links, & 1 Media Unit

SN Control Server Option 3 ☐
Model 1 Control Server Cabinet e/w 512MB, 20 RS232, 8 X.25 ports, 4 SS7 links, & 2 Media Units

Additional Filter Kit for SN Model 1 ☐
(provides set of 5 air filters each for processor, power supply, & cooling unit)

SN/IP Telecom Server Hardware

First Telecom Server Cabinet ☐
e/w 1 Telecom Server
(SMSC Config. - T.S. Config. 50)

For all other SN orders select from the following options.
The First Telecom Server Cabinet supports from 1-5 Telecom Servers.
The second Telecom Server cabinet supports from 1-3 additional Telecom Servers for a maximum of 8 Telecom Servers per system.
Order 0 or 1 of the cabinet options.

First Telecom Server Cabinet ☐
Second Telecom Server Cabinet ☐

Order 0-8 of the following for each SN of the following Telecom Server options for each SN ordered.

TS Config. 2 (Voice Dialing) ☐
(provides Telecom Server e/w 3 Speech Processor Bds, 1 120-channel T1 Bd & 1 64-channel Echo Cancellor Bd)

TS Config. 4 (Voice Dialing) ☐
(provides Telecom Server e/w 5 Speech Processor Bds, 1 120-channel T1 Bd & 1 64-channel Echo Cancellor Bd)

TS Config. 11 (Personal Number) ☐

(provides Telecom Server e/w 1 Speech Processor Bd, 2 24-ch T1/PRI Bds, 1 64-ch Echo Cancellor Bd, 1 8-ch FAX Bd, 2 12-ch BRI Bd)

TS Config. 12 (Personal Number) ☐
(provides Telecom Server e/w Speech Processor Bd, 3 24-ch T1/PRI Bds, 1 64-ch Echo Cancellor Bd, 1 8-ch FAX Bd, 4 12-ch BRI Bd)

TS Config. 40 (PRI Service) ☐
(provides Telecom Server e/w 1 Speech Processor Bd, 8 24-ch T1/PRI Bd, 1 64-ch Echo Cancellor Bd, 1 8-ch FAX Bd)

Compact SN/IP Network Termination (NT 1) Cabinet

Provides conversion from T-Interface (4 wire) to U-Interface (2 wire). Required for BRI Service if SN is located greater than 1200 feet from switch.

Basic NT Cabinet ☐
(includes 1 NT1D-300 Network Termination Unit and 1 PDU)

NT Rack Kit ☐
(order 0 -13 racks per cabinet)

Compact SN/IP Misc. Cabinet Hardware

Enter 0 or 1 Misc cabinet option. Provides power distribution unit, power inverters and houses optional modem equipment. Each modem rack houses up to 16 modem < Q car . Synchronous modems are required for all SS7 and X.25 links. 6 synchronous modems are provided to support the SCCS remote access interface.
Spare modems may be purchased to provide a different mix of modems than provided by the standard configs.

SN Misc Cabinet Option 1 ☐
(includes miscellaneous cabinet e/w power distribution unit)

SN Misc. Cabinet Option 2 ☐
(provides miscellaneous cabinet e/w with power distribution unit, 1 modem rack e/w 10 synchronous and 6 asynchronous modem cards)

SN Misc Cabinet Option 3 ☐
(provides miscellaneous cabinet e/w with power distribution unit, 2 modem racks e/w 26 synchronous and 6 asynchronous modem cards)

SN Misc Cabinet Option 4 ☐
(provides miscellaneous cabinet e/w with power distribution unit, 3 modem racks e/w 42 synchronous and 6 asynchronous modem cards)

SN Misc Cabinet Option 5 ☐
(provides miscellaneous cabinet e/w with power distribution unit, 2 modem racks e/w 12 synchronous and 10 asynchronous modem cards)

Compact SN/IP Misc. Cabinet Growth Options

Order 0-3 of the following. Provides optional additional Modem Rack (Misc Cabinet required for Modem Rack)

Modem Rack ☐

Synchronous Modem Card, ☐
Growth (Order per CSN)
This growth item is to add a Synchronous Modem Card to your CSN

Asynchronous Modem Card, ☐
Growth (Order per CSN)
This growth item is to add a Asynchronous Modem Card to your CSN

Enter 0 or 1 for each miscellaneous cabinet ordered. Provides optional 48VDC to AC inverter for providing protected power for peripherals and Telecom Server Cabin ethernet terminal server option.

Misc. Cabinet Power Inverter Option ☐
(includes optional 48V to AC power inverter)

SN Software

Order 1 of the following for each Telecom Server ordered

SN, Release 9 Operating System & Utilities RTU ☐

Order 1 of the following for each Telecom Server ordered

R9 TS Config. 2 Software RTU ☐
R9 TS Config. 4 Software RTU ☐
R9 TS Config. 11 Software RTU ☐
R9 TS Config. 12 Software RTU ☐
R9 TS Config. 40 Software RTU ☐
R9 TS Config. 50 Software RTU ☐

Provides R8 > R9 Retrofit Software. Order 0 or 1 Operating System RTU for each Telecom Server ordered.
Order 1 T.S. Config. Software RTU for each Telecom Server.

R8 -> R9 Advantage Retrofit Operating System RTU ☐

Order 1 of the following for each Telecom Server ordered

R8 > R9 TS Config. 2 Software RTU ☐
R8 > R9 TS Config. 4 Software RTU ☐
R8 > R9 TS Config. 11 Software RTU ☐
R8 > R9 TS Config. 12 Software RTU ☐
R8 > R9 TS Config. 40 Software RTU ☐
R8 > R9 TS Config. 50 Software RTU ☐

Provides R7 > R8 Retrofit Software. Order 0 or 1 Operating System RTU for each Telecom Server ordered.
Order 1 T.S. Config. Software RTU for each Telecom Server.

R7 -> R8 Advantage Retrofit Operating System RTU ☐

Order 1 of the following for each Telecom Server ordered

- **R7 > R8 TS Config. 2 Software RTU** ☐
- **R7 > R8 TS Config. 4 Software RTU** ☐
- **R7 > R8 TS Config. 11 Software RTU** ☐
- **R7 > R8 TS Config. 12 Software RTU** ☐
- **R7 > R8 TS Config. 40 Software RTU** ☐
- **R7 > R8 TS Config. 50 Software RTU** ☐

Order 1 Starserver FT SN RTU and System Software RTU for each SN.

- **R7 -> R8 SSFT Retrofit** Operating System RTU ☐
- **R7 -> R8 SSFT Retrofit** System Software RTU ☐

SN/IP Hardware Spares Kits

- **SN CS Model 1 Spares Kit** ☐
- **SN Telecom Server Spares Kit** ☐

- **Compact SN/IP Spares Opt. 2** ☐
- **Compact SN/IP Spares Opt. 3** ☐
- **Compact SN/IP Spares Opt. 5** ☐
- **Compact SN/IP Spares Opt. 10** ☐
- **Compact SN/IP Spares Opt. 15** ☐
- **Compact SN/IP Spare Opt. 20, 26 & 40** ☐
- **Compact SN/IP Spares Opt. 35** ☐
- **Compact SN/IP Spares Opt. 50** ☐

The following optional spares are not included in the Spares Kits

- **Speech Proc Bd (BYC-51)** ☐
- **Echo Cancellor Bd (AYC-53)** ☐
- **T1 Interface Bd (AYC-52)** ☐
- **Voice/T1 Interface (24 ch)** ☐
- **ABRI Interface Bd (12 ports)** ☐
- **Fax Service Bd** ☐
- **SCSI/MVIP Bridge Bd** ☐
- **Additional 4GB disks** (1 disk provided In Control Server Spares Kit) ☐
- **SCSI 9GB Hard Disk Drive** ☐
- **SCSI 8GB Hard Disk Drive** ☐
- **RS232 Interface PCI CP** ☐
- **Sensor 1024M-12 12VDC** ☐
- **Sensor 1024M-5 5VDC** ☐
- **ARU/Power Supply Kit** ☐
- **Ethernet Hub 48V 100MB** ☐
- **Data Switch Console/LMT** ☐
- **Modem Splitter 3-port** ☐
- **SS7 Interface PCI CP** ☐
- **ISUP SS7 Interface PCI CP** ☐
- **Conference Board (Amtelco)** ☐

- ****Simm Mod 64MB (Order # Needed)** ☐
- ****Simm Mod 128MB (Order # Needed)** ☐
- **Blank Tape Kit (provides 5 blank** cartridge tapes for backups) ☐

[redacted]

SCE Software

SCE software is sold on a per token basis. A token represents the number of maximun concurrent users allowed by the SCE license management software.

R9 SCE Software (first token)

R9 SCE Software
(per subsequent token)

R8 SCE Software (first token)

R8 SCE Software
(per subsequent token)

R8-R9 SCE Retrofit Software
(first token)

R8-R9 SCE Retrofit Software
(per subsequent token)

R7-R8 SCE Retrofit Software
(first token)

R7-R8 SCE Retrofit Software
(per subsequent token)

For international SCE orders, 1 SIB package is included (Service Indepdendent Building Block)
For customers desiring both SIB packages an additional upgrade RTU is required.
For each international SCE order 1 of the following:

ETSI SIB tapes
ASERI INAP SIB tapes
TESA SIB tapes

For customers upgrading their SIBs or requesting both SIB packages, order one of the following

INAP/ETSI SIB Upgrade RTU

Enter quantity of Service Edge user licenses required for Personal Computer users.

Service Edge for PCs media, and single user RTU

SCE Hardware Information

For information on SCE hardware visit the following website:

If you need further information contact SCE Product Manager Anne Tolan atolan@luce

[redacted]

Software Warranty (Customer Technical Support Services)

SCP Gold Support Level
w 24 x 7 Uplift

SCP Gold Support Level 1

SCP Silver Support Level

SN Gold Support Level	
w 24 x 7 Uplift	
SN Gold Support Level	
SN Silver Support Level	
Compact SN+ Gold Support Level	
w 24 x 7 Uplift	
Compact SN+ Gold Support Level	
Compact SN+ Silver Support Level	
Compact SN II Gold Support Level	
w 24 x 7 Uplift	
Compact SN II Gold Support Level	
Compact SN II Silver Support Level	
IPM Gold Support Level	
w 24 x 7 Uplift	
IPM Gold Support Level	
IPM Silver Support Level	
Order 1 for J-Class, 2 for N-Class Duplex, 3 for N-Class 8-way SMS	
SMS Gold Support Level	
w 24 x 7 Uplift	
SMS Gold Support Level	
SMS Silver Support Level	
SCE Gold Support Level	
w 24 x 7 Uplift	
SCE Gold Support Level	
SCE Silver Support Level	

Hardware Warranty & Support	
Basic Advantage SCP	
Hardware Warranty	
(provides Hardware Repair, Service & Return)	
Enhanced Advantage SCP	1
Hardware Warranty	
(provides 24hr Spares Exchange Service)	
Basic Starserver FT SCP	
Hardware Warranty	
(provides Hardware Repair, Service & Return)	
Enhanced Starserver FT SCP	
Hardware Warranty	
(provides 24hr Spares Exchange Service)	
Basic Advantage SN	
Hardware Warranty	
(provides Hardware Repair, Service & Return)	
Enhanced Advantage SN	
Hardware Warranty	
(provides 24hr Spares Exchange Service)	
Basic Starserver FT SN	
Hardware Warranty	
(provides Hardware Repair, Service & Return)	

Enhanced Starserver FT SN ☐
Hardware Warranty
(provides 24hr Spares Exchange Service)
Basic Compact SN ☐
Hardware Warranty
(provides Hardware Repair, Service & Return)
Enhanced Compact SN ☐
Hardware Warranty
(provides 24hr Spares Exchange Service)
Basic Compact SN II ☐
Hardware Warranty
(provides Hardware Repair, Service & Return)
Enhanced Compact SN II ☐
Hardware Warranty
(provides 24hr Spares Exchange Service)
Order 1 for J-Class, 2 for N-Class Duplex, 3 for N-Class 8-way SMS
HP Hardware Warranty ☐

Documentation

Provides a set of R8 IN Product Documentation (SCP, SN, SCE,SMS) via CDROM. Choose quantity based upon number of user licenses desired and number of media.

R8 INU On-line Documentation ☐
Library (Windows - CDROM)
R8 INU On-line Documentation ☐
Library (Unix - CDROM)
R8 INU On-line Documentation ☐
Library Additional User Licenses

R9 INU On-line Documentation ☐
Library (Windows 95/3.1 - CDROM)
R9 INU On-line Documentation ☐
Library (Windows NT - CDROM)
R9 INU On-line Documentation ☐
Library (Unix - CDROM)
R9 INU On-line Documentation ☐
Library Additional User Licenses

Provides one Oracle Documentation Set
Enter quantity of documentation sets desired
Oracle documentation set ☐

Customers interested in obtaining Solaris documentation may contact Sun Microsystems at 1-800-786-0404. Available documentation includes:
Customers interested in veiwing Solaris documentation may visit this website:

Customers interested in purchasing Solaris documentation may visit this website:

Training

Course reservations and information are available at 1(888) LUCENT8.
Unless otherwise noted, all classes are offered on a "suitcase" basis. Courses do not

include billable instructor Travel and Living Expenses.

A minimum charge for 6 students is required for all classes.
Enter the number of students per course.

IN2010 - SN/SCP/SMS/SCE Intro ☐
Includes Compact SN/IP Intro (NAR)
(NAR) (2days - Instructor-Led)
IN2110 - SCP Operations ☐
and Maintenance (NAR)
(NAR) (4 days - Instructor-Led)
IN2111 - SCP Tier 2 Maintenance ☐
(NAR) (4 days - Instructor-Led)
IN2140 - SCP Traffic Engineering ☐
(NAR) (1 days - Instructor-Led)
IN2210 - SN Operations ☐
and Maintenance (NAR)
(NAR) (4 days - Instructor-Led)
IN2212 - Compact SN/IP ☐
Operations and Maintenance (NAR)
(NAR) (3 days - Instructor-Led)
IN2450 - SHLR IS-41 Registration & ☐
Call Delivery Translation
(NAR) (3 days - Instructor-Led)
IN2451 - WIN Authentification Feature ☐
(NAR) (0.5 day - Instructor-led)
IN2452 - WIN OTAF ☐
(NAR) (0.5 day - Instructor-led)
IN2600 - Wireless SCP, SCE, ☐
SMS Introduction (NAR)
(NAR) (1 day - Instructor-Led)
IN2610 - Wireless SCP ☐
Operations and Maintenance (NAR)
(NAR) (4 days - Instructor-Led)
IN2612 - Wireless SCP ☐
Tier 2 Maintenance (NAR)
(NAR) (4 days - Instructor-Led)

IN0550 - Creating Telephony ☐
Services with the INU SCE
Instructor-led or self-paced (NAR / INTNL)
(4 days - Instructor-Led)
IN0310 - SMS Operations, ☐
Administration, and Maintenance
(NAR / INTRNL) (1 day - Instructor-Led)
IN0320 - SMS Service Management ☐
(NAR / INTRNL)(3 days -Instructor-Led)
IN0320 - SMS Global Num Portability ☐
(NAR / INTRNL)(1 day -Instructor-Led)
IN0140 - SCP Advanced Traffic Eng ☐
(NAR / INTRNL)(4 days -Instructor-Led)
IN2214 - Compact SN Announcement ☐
Manager (NAR / INTRNL)(0.5 day -Instr)

Engineering & Installation

Engineering	
Installation	
NPI	

TOTAL SCP Cost

SCP Control Server M2 Option 4

Model 2 Control Server Cabinet e/w 2GB, 16 RS232, 12 X.25 ports, 8MM Tape Drive, & 1 Media Unit (R92/R01 Hardware)

SCP Control Server M2 Option 5

Model 2 Control Server Cabinet e/w 2GB, 24 RS232, 12 X.25 ports, 8MM Tape Drive, & 2 Media Units (R92/R01 Hardware)

POD ITEM NO. 47
ATTACHMENT NO. 3
46 PAGES

August 16, 2000

Re: Staff's 8th Request for Production of Documents
Docket No. 990649-TP

No. 47 – Provide all materials and documents supporting BST's vendor-installed investment.

The attached documents contain data which supports data used in the CCS7, LIDB and 800 Ten Digit Access Screening Cost Studies.

Please note the document labeled "800/LIDB SCPs" states the installed cost for one of the SCP pair. We were instructed by our SME, Ed Hendrix, to use as the total installed cost for the 800/LIDB SCP pair.

In addition, the CCS7 SME is out of the office all week. Therefore, I am unable to determine if he possesses any additional supporting material/documents.

Thank you,

Cathy P. Kuegel

STP INVESTMENT
1996-2000

DESCRIPTION	FRC	COST	NOTES
Signal Transfer Point-Per Site	377C		Cost to connect STP to CO Infrastructure
Signal Transfer Pont, Per Initial Port	377C		STP hardware for initial link installation
Signal Transfer Pont, Per additional Port	377C		STPhardware for link growth
Signal Transfer Point-All STPs	377C		SCSI DAT (1.3M)+RP1 (1.3M) hardware enhancements
Signal Transfer Pont, Per Initial Port	560C		STP RTU for initial link installation
Signal Transfer Pont, Per additional Port	560C		STP RTU for link growth
Signal Transfer Point-All STPs	560C		IMP (16.0M)+Alias PC(.7M)+MPC(1.6M)
Signal Transfer Point-All STPs	377M		CTAC Hardware Support

IDST INVESTMENT
YE00 IDST INVESTMENT

STATE	IDST PAIRS	YE00 LMT
AL	BRHM	948
	MTGM	200
FLN	JCVL	480
	ORLD	240
FLS	MIAM	320
	WPBH	720
GA	ATLN	948
	MACN	200
KY	LSVL	280
LA	MONR	240
	NWOR	280
MS	JCSN	320
NC	CHAR	280
	RLGH	280
SC	CLMA	240
	GNVL	792
TN	KNVL	320
	MMPH	280
	NSVL	924
BST	38	8292

	UNTIS	COST/UNIT	COST 377C	COST 560C	COST 377M
COMMON EQUIPMENT					
LMT CARDS					
INITIAL SOFTWARE					
VENDOR SW INSTALLATION					
TOTAL COST					

YE00 LMS INVESTMENT

LSL COST

APPLICATION	#IFPC	# LSL	$/LINK HRDW	$/LINK RTU	COST 377C	COST 560C	COST 377M
BILLING	196	1568					0
FRAUD	70	560					0
SURVEILLANCE	457	3656					0
TOTAL							$0

APPLICATION	#IFPC	# LSL	$/LINK HRDW	$/LINK RTU	COST 377C	COST 560C	COST 377M
BILLING	0	0					0
FRAUD	0	0					0
SURVEILLANCE	81	162					0
TOTAL							$0

	377C	560C	377M
LINK COSTS			
OTHER LMS COSTS			
DATA CENTER CENTRAL SERVERS			
SOFTWARE RELEASES			
1997 LNP			
1998 SUS			
1998 AMA DNS			
1999 SUS			
2000 SUS			
2000 b.07.01			
TOTAL SYSTEM SUPPORT (TSS)			
1998			
1999			
2000			
TOTAL LMS COSTS			

Advantage SCP 2 pair

8XX Software

LIDB Software

Additional Software - LIDB

Total Costs

Note 1: This is the amount included in LOA # 49 with Lucent but is not the total costs associated with the installation. The total costs for the 2 SCPs installed in Birmingham is r one and for the 2nd one.

Note 2: The capacity for the SCPs are: 800 - 900 TPS per pair of SCPs
LIDB - 440 TPS per pair of SCPs (Stand alone)

POD ITEM NO. 47
ATTACHMENT NO. 4
65 PAGES

Entire Document

Proprietary

(LOA No. 49)

37-77

POD ITEM NO. 47
ATTACHMENT NO. 4
65 PAGES

Fujitsu FLM-150 OC-3 UPSR

Functional Name	Unit Type	CLEI Code	BST Unit Price	Shelf & Commons	28 DS1 Qty	56 DS1 Qty	84 DS1 Qty	1 DS3 Qty	2 DS3 Qty	3 DS3 Qty	1 DS3 56 DS1 Qty	2 DS3 28 DS1 Qty
Alarm and Orderwire Unit (Basic)	AW1A-BSC			0	0	0	0	0	0	0	0	0
Alarm and Orderwire Unit (Enhanced)	AW1A-ENH			1	1	1	1	1	1	1	1	1
High Speed OC-3 Optics SR	HC1A-SSC1			0	0	0	0	0	0	0	0	0
High Speed OC-3 Optics MR	HC1A-SMC1			0	0	0	0	0	0	0	0	0
High Speed OC-3 Optics LR	HC1A-SLC1			2	2	2	2	2	2	2	2	2
High Speed OC-3 Optics VLR	HC1A-LC2			0	0	0	0	0	0	0	0	0
High Speed OC-12 Optics LR for 150+	HC1A-SLC1			0	0	0	0	0	0	0	0	0
STSx9 Cable				0	0	0	0	0	0	0	0	0
High Speed - 3 x STS-1	HC1A-STS1			0	0	0	0	0	0	0	0	0
High Speed Switch/Overhead Access	HS1A-AD2			1	1	1	1	1	1	1	1	1
Microprocessor(for TSA Enh SWDL)	MP1A-ADL (SWDL)			1	1	1	1	1	1	1	1	1
Microprocessor(for TSA Enh 150+ Config)	MP1A-V3			0	0	0	0	0	0	0	0	0
Power Unit	PW1A			2	0	0	0	0	0	0	0	0
Supervisory - TL1/X.25 (for TSA Enh SWDL)	SV1A-TDL (SWDL)			1	0	0	0	0	0	0	0	0
Supervisory - TL1/X.25 (for TSA Enh 150+ Config	SV1A-TL4			0	0	0	0	0	0	0	0	0
Timing Control Unit	TCA			2	2	2	2	2	2	2	2	2
TSA VT1.5, STS-1	TS1A			2	2	2	2	2	2	2	2	2
TSA VT1.5, STS-1 Enhanced	TS1A-ENH			0	0	0	0	0	0	0	0	0
150 ADM Shelf	Shelf			1	1	1	1	1	1	1	1	1
Heat Baffle/Fiber Tray	Shelf			1	1	1	1	1	1	1	1	1
Face Plate Kit	Shelf			1	1	1	1	1	1	1	1	1
Low Speed - 4 DS1	LC1A-D1			0	0	0	0	0	0	0	0	0
Low Speed - 4 DS1w/PM	LC1A-DIE2			0	8	16	24	0	0	0	16	8
Low Speed - OVTG	LC1A-F6C1			0	0	0	0	0	0	0	0	0
Low Speed Switch - DS1/OVTG	LS1A-D1			0	1	2	3	0	0	0	2	1
Middle Speed - Mux/Demux for DS1	MC1A-MDM1			0	2	4	6	0	0	0	4	2
EOC (DCC) SONET Overhead Proc	EC1A			0	0	0	0	0	0	0	0	0
EOC (DCC) SONET Overhead Proc SWDL	EC1A-DL2			0	0	0	0	0	0	0	0	0
Middle Speed - STS-1 Enh	MC1A-ST1P			0	0	0	0	0	0	0	0	0
Middle Speed - DS3 Enh				0	0	0	0	2	4	6	2	4
Total												

Fujitsu FLM-150+ OC-12 UPSR

Functional Name	Unit Type	CLEI Code	BST Unit Price	Shelf & Commons	28 DS1 Qty	56 DS1 Qty	84 DS1 Qty	1 DS3 Qty	2 DS3 Qty	3 DS3 Qty	1 DS3 56 DS1 Qty	2 DS3 28 DS1 Qty
Alarm and Orderwire Unit (Basic)	AW1A-BSC			0	0	0	0	0	0	0	0	0
Alarm and Orderwire Unit (Enhanced)	AW1A-ENH			1	1	1	1	1	1	1	1	1
High Speed OC-3 Optics SR	HC1A-3SC1			0	0	0	0	0	0	0	0	0
High Speed OC-3 Optics MR	HC1A-3MC1			0	0	0	0	0	0	0	0	0
High Speed OC-3 Optics LR	HC1A-3LC1			0	0	0	0	0	0	0	0	0
High Speed OC-3 Optics VLR	HC1A-LC3			0	0	0	0	0	0	0	0	0
High Speed OC-12 Optics LR for 150+	HC1A-6LC1			2	2	2	2	2	2	2	2	2
STSx9 Cable				1	1	1	1	1	1	1	1	1
High Speed - 3 x STS-1	HC1A-STS1			0	0	0	0	0	0	0	0	0
High Speed Switch/Overhead Access	HS1A-AD2			1	1	1	1	1	1	1	1	1
Microprocessor(for TSA Enh SWDL)	MP1A-ADL (SWDL)			1	1	1	1	1	1	1	1	1
Microprocessor(for TSA Enh 150+ Config)	MP1A-V3			0	0	0	0	0	0	0	0	0
Power Unit	PW1A			2	0	0	0	0	0	0	0	0
Supervisory - TL1/X.25 (for TSA Enh SWDL)	SV1A-TDL (SWDL)			1	0	0	0	0	0	0	0	0
Supervisory - TL1/X.25 (for TSA Enh 150+ Config	SV1A-TL4			0	0	0	0	0	0	0	0	0
Timing Control Unit	TCA			2	2	2	2	2	2	2	2	2
TSA VT1.5, STS-1	TS1A			2	2	2	2	2	2	2	2	2
TSA VT1.5, STS-1 Enhanced	TS1A-ENH			0	0	0	0	0	0	0	0	0
150 ADM Shelf	Shelf			1	1	1	1	1	1	1	1	1
Heat Baffle/Fiber Tray	Shelf			1	1	1	1	1	1	1	1	1
Face Plate Kit	Shelf			1	1	1	1	1	1	1	1	1
Low Speed - 4 DS1	LC1A-D1			0	0	0	0	0	0	0	0	0
Low Speed - 4 DS1w/PM	LC1A-DIE2			0	8	16	24	0	0	0	16	8
Low Speed - OVTG	LC1A-F6C1			0	0	0	0	0	0	0	0	0
Low Speed Switch - DS1/OVTG	LS1A-D1			0	1	2	3	0	0	0	2	1
Middle Speed - Mux/Demux for DS1	MC1A-MDM1			0	2	4	6	0	0	0	4	2
EOC (DCC) SONET Overhead Proc	EC1A			0	0	0	0	0	0	0	0	0
EOC (DCC) SONET Overhead Proc SWDL	EC1A-DL2			0	0	0	0	0	0	0	0	0
Middle Speed - STS-1 Enh	MC1A-ST1P			0	0	0	0	0	0	0	0	0
Middle Speed - DS3 Enh				0	0	0	0	2	4	6	2	4
Total												

Fujitsu FLM-600 OC-12 UPSR

Functional Name	Unit Type	CLEI Code	BST Unit Price	Shelf & Commons	3 DS3 Qty	6 DS3 Qty	9 DS3 Qty	12 DS3 Qty	3 STS-1 Qty	6 STS-1 Qty	12 STS-1 Qty	12 STS-1 Qty	1 OC-3 Qty	2 OC-3 Qty	3 OC-3 Qty	4 OC-3 Qty
Alarm and Orderwire Unit (Basic)	AW6A-BSC			0	0	0	0	0	0	0	0	0	0	0	0	0
Alarm and Orderwire Unit (Enhanced)	AW6A-ENH			1	1	1	1	1	1	1	1	1	1	1	1	1
High Speed OC-12 Optics LR	HC6A-6LC1			0	0	0	0	0	0	0	0	0	0	0	0	0
High Speed OC-3 Optics LR	HC6A-6LC2			0	0	0	0	0	0	0	0	0	0	0	0	0
High Speed OC-3 Optics LR	HC6A-6LC3			2	2	2	2	2	2	2	2	2	2	2	2	2
OC-12 Regen Interface	HC6A-RLC1			0	0	0	0	0	0	0	0	0	0	0	0	0
OC-12 Regen Interface	HC6A-RLC3			0	0	0	0	0	0	0	0	0	0	0	0	0
Elect HS Interface, FLM-2400 Upgrade	HC6A-6EL1			0	0	0	0	0	0	0	0	0	0	0	0	0
Elect HS Interface, FLM-2400 Upgrade	HC1A-6EL2			0	0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch/Overhead Access	HS6A-AD2			1	1	1	1	1	1	1	1	1	1	1	1	1
High Speed Switch/Overhead Access - Regen	HS6A-REG			0	0	0	0	0	0	0	0	0	0	0	0	0
Micrprocessor for Term and Hub	MP6A-STD			0	0	0	0	0	0	0	0	0	0	0	0	0
Micrprocessor for Term, Hub, Ring and Regen	MP6A-ADL			1	1	1	1	1	1	1	1	1	1	1	1	1
Micrprocessor for FLM-2400 Upgrade	MP6A-24G			0	0	0	0	0	0	0	0	0	0	0	0	0
Power Unit	PW6A			2	2	2	2	2	2	2	2	2	2	2	2	2
Supervisory - Regen	SV6A-REG			0	0	0	0	0	0	0	0	0	0	0	0	0
Supervisory - FLM-2400 Upgrade	SV6A-24G			0	0	0	0	0	0	0	0	0	0	0	0	0
Supervisory - TL1/X.25	SV6A-TL2			0	0	0	0	0	0	0	0	0	0	0	0	0
Supervisory - Software Download	SV6A-TDL			1	1	1	1	1	1	1	1	1	1	1	1	1
Timing Control Unit	TCA-ENH			2	2	2	2	2	2	2	2	2	2	2	2	2
ADM Shelf	Shelf			1	1	1	1	1	1	1	1	1	1	1	1	1
Heat Baffle/Fiber Tray	Shelf			1	1	1	1	1	1	1	1	1	1	1	1	1
Face Plate Kit	Shelf			1	1	1	1	1	1	1	1	1	1	1	1	1
DCC Processor for OC-3/STS-1 Tributary	EC6A			0	0	0	0	0	0	0	0	0	0	0	0	0
DCC Processor for FLM-2400 ADM Tributary	EC6A-24G			0	0	0	0	0	0	0	0	0	0	0	0	0
DCC Processor - Software Download	EC6A-DL1(SWDL)			0	0	0	0	0	0	0	0	0	0	0	0	0
Middle Speed Switch Control	MS6A-OPT2			0	0	0	0	0	0	0	0	0	1	2	3	4
Middle Speed - 3 X STS-1 Interface(Enhanced)	MC6A-ST1P			0	0	0	0	0	2	4	6	8	0	0	0	0
Middle Speed - OC-3 Short Reach, 1310nm	MC6A-31SC			0	0	0	0	0	0	0	0	0	2	4	6	8
Middle Speed - OC3 Intermediate Reach 1310	MC6A-31CM			0	0	0	0	0	0	0	0	0	0	0	0	0
Middle Speed - OC-3 Long Reach, 1310nm	MC6A-31CL			0	0	0	0	0	0	0	0	0	0	0	0	0
Middle Speed - OC-3 Long Reach 1550	MC1A-ST1P			0	0	0	0	0	0	0	0	0	0	0	0	0
Middle Speed - 3 X DS3 Interface Enhanced	MC6A-D3A2			0	2	4	6	8	0	0	0	0	0	0	0	0
Total																

Fujitsu FLM-2400 OC-48 UPSR

Functional Name	Unit Type	CLEI Code	BST Unit Price	Shelf & Commons	3 DS3 Qty	6 DS3 Qty	9 DS3 Qty	12 DS3 Qty	15 DS3 Qty	18 DS3 Qty	21 DS3 Qty	24 DS3 Qty	30 DS3 Qty	36 DS3 Qty	48 DS3 Qty
Alarm and Orderwire Unit 4W	AW2H-A1			0	0	0	0	0	0	0	0	0	0	0	0
Alarm and Orderwire Unit 2W/4W	AW2H-A2			1	1	1	1	1	1	1	1	1	1	1	1
Mux/Demux and Timing for ADM	HM2H-C1			2	0	0	0	0	0	0	0	0	0	0	0
Mux/Demux and Timing for REG	HM2H-A3			0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch ADM	HS2H-U1			0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch REG	HS2H-REG			0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch RING	HS2H-RNG2			1	1	1	1	1	1	1	1	1	1	1	1
Optical 1 X OC-48 Transmit 1310nm	HT2H-L1BC			2	2	2	2	2	2	2	2	2	2	2	0
Optical 1 X OC-48 Transmit 1550nm	HT2H-L2BC			0	0	0	0	0	0	0	0	0	0	0	0
Optical 1 X OC-48 Receive 1310nm	HR2H-L1BC			2	2	2	2	2	2	2	2	2	2	2	2
Optical 1 X OC-48 Receive 1550nm	HR2H-L2BC			0	0	0	0	0	0	0	0	0	0	0	0
Microprocessor for all TL1/X.25	MP2H-T12			1	1	1	1	1	1	1	1	1	1	1	1
Microprocessor for HS	MP2H-DL			0	0	0	0	0	0	0	0	0	0	0	0
Power	PW2H-H8			1	1	1	1	1	1	1	1	1	1	1	1
Supervisory - OS Interface for TL1/X.25	SV2H-T12			1	1	1	1	1	1	1	1	1	1	1	1
Supervisory OS Interface - Software Download	SV2H-DL			0	0	0	0	0	0	0	0	0	0	0	0
TCA-ENH				2	2	2	2	2	2	2	2	2	2	2	2
Fan Filter	Air Filter			1	1	1	1	1	1	1	1	1	1	1	1
High Speed Fan Shelf				1	1	1	1	1	1	1	1	1	1	1	1
Fan Unit				1	1	1	1	1	1	1	1	1	1	1	1
Heat Shield				1	1	1	1	1	1	1	1	1	1	1	1
BLSR RDI Connector				0	0	0	0	0	0	0	0	0	0	0	0
FLM-2400 High Speed Shelf	Shelf-24HSE			1	1	1	1	1	1	1	1	1	1	1	1
Trib Shelf Processor	MP2T-T12			1	1	1	1	1	1	1	1	1	1	1	1
Power Unit, supports HD Trib optics or DS3/STS-1	PW1A-TRI8			2	2	2	2	2	2	2	2	2	2	2	2
Muldem, for HD Tribs w/OC-12	HC2T-C12L			0	0	0	0	0	0	0	0	0	0	0	0
Optical 1XOC-12 HD Shelf Interface LR	MC8A-2LC1			0	0	0	0	0	0	0	0	0	0	0	0
Optical 1XOC-12 HD Shelf Interface LR	MC8A-2LC2			0	0	0	0	0	0	0	0	0	0	0	0
Passes Clock Signal in OC-12 Trib applications	MC8A-2THR			0	0	0	0	0	0	0	0	0	0	0	0
Group Processor, OC3 and OC12	HS2T-C3			0	0	0	0	0	0	0	0	0	0	0	0
Optical 1XOC-3 HD Shelf Interface SR	MC8A-31SC			0	0	0	0	0	0	0	0	0	0	0	0
Optical 1XOC-3 HD Shelf Interface IR	MC8A-31MC			0	0	0	0	0	0	0	0	0	0	0	0
Optical 1XOC-3 HD Shelf Interface LR	MC8A-31LC			0	0	0	0	0	0	0	0	0	0	0	0
Bridge Unit for OC3 in HD Shelf	MC8A-3BRD			0	0	0	0	0	0	0	0	0	0	0	0
Cable for Bridge Unit	MC8A-3BRD Cable			0	0	0	0	0	0	0	0	0	0	0	0
Group Processor DS3	HS2T-D3			0	1	1	1	1	2	2	2	2	3	3	4
Electrical 3xDS3	MC8A-D3E2			0	2	3	4	5	7	8	9	10	12	15	20
Switch for DS3 or STS-1 Interfaces	MS2T-D31			0	1	1	1	1	2	2	2	2	3	3	4
Muldem for DS3, STS-1, OC-3	HC2T-MDL			0	2	2	2	2	4	4	4	4	6	6	8
Group Processor STS-1	HS2T-S1			0	0	0	0	0	0	0	0	0	0	0	0
Electrical 3xSTS-1	MC8A-ST1P			0	0	0	0	0	0	0	0	0	0	0	0
Internal Cable 5'	Int Cable			1	1	1	1	1	1	1	1	1	2	2	2
Ribbon Coax between HS and HD Trib	Trib Cable			2	2	2	2	2	4	4	4	4	8	8	8
Ribbon Coax between HS and HD Trib	Trib Cable			0	0	0	0	0	0	0	0	0	0	0	0
Coax between HCA8-6EL2 modules	Trib Cable			0	0	0	0	0	0	0	0	0	0	0	0
High Density Trib Shelf	Shelf Trib			1	1	1	1	1	1	1	1	1	2	2	2
Total															

Fujitsu FLM-2400 OC-48 BLSR

Functional Name	Unit Type	CLEI Code	BST Unit Price	Shelf & Commons	3 DS3 Qty	6 DS3 Qty	9 DS3 Qty	12 DS3 Qty	15 DS3 Qty	18 DS3 Qty	21 DS3 Qty	24 DS3 Qty	30 DS3 Qty	36 DS3 Qty	48 DS3 Qty
Alarm and Orderwire Unit 4W	AW2H-A1			0	0	0	0	0	0	0	0	0	0	0	0
Alarm and Orderwire Unit 2W/4W	AW2H-A2			1	1	1	1	1	1	1	1	1	1	1	1
Mux/Demux and Timing for ADM	HM2H-C1		7	2	0	0	0	0	0	0	0	0	0	0	0
Mux/Demux and Timing for REG	HM2H-A3		7	0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch ADM	HS2H-U1			0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch REG	HS2H-REG			0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch RING	HS2H-RNG2		?	1	1	1	1	1	1	1	1	1	1	1	1
Optical 1 X OC-48 Transmit 1310nm	HT2H-L1BC			2	2	2	2	2	2	2	2	2	2	2	0
Optical 1 X OC-48 Transmit 1550nm	HT2H-L2BC			0	0	0	0	0	0	0	0	0	0	0	0
Optical 1 X OC-48 Receive 1310nm	HR2H-L1BC			2	2	2	2	2	2	2	2	2	2	2	2
Optical 1 X OC-48 Receive 1550nm	HR2H-L2BC			0	0	0	0	0	0	0	0	0	0	0	0
Microprocessor for all TL1/X.25	MP2H-T12		?	1	1	1	1	1	1	1	1	1	1	1	1
Micrprocessor for HS	MP2H-DL			0	0	0	0	0	0	0	0	0	0	0	0
Power	PW2H-H8			1	1	1	1	1	1	1	1	1	1	1	1
Supervisory - OS Interface for TL1/X.25	SV2H-T12			1	1	1	1	1	1	1	1	1	1	1	1
Supervisory OS Interface - Software Download	SV2H-DL			0	0	0	0	0	0	0	0	0	0	0	0
TCA-ENH				2	2	2	2	2	2	2	2	2	2	2	2
Fan Filter	Air Filter			1	1	1	1	1	1	1	1	1	1	1	1
High Speed Fan Shelf				1	1	1	1	1	1	1	1	1	1	1	1
Fan Unit				1	1	1	1	1	1	1	1	1	1	1	1
Heat Shield				1	1	1	1	1	1	1	1	1	1	1	1
BLSR RDI Connector				1	1	1	1	1	1	1	1	1	1	1	1
FLM-2400 High Speed Shelf	Shelf-24HSE			1	1	1	1	1	1	1	1	1	1	1	1
Trib Shelf Processor	MP2T-T12			1	1	1	1	1	1	1	1	1	1	1	1
Power Unit, supports HD Trib optics or DS3/STS-1	PW1A-TRIB			2	2	2	2	2	2	2	2	2	2	2	2
Muldem, for HD Tribs w/OC-12	HC2T-C12L			0	0	0	0	0	0	0	0	0	0	0	0
Optical 1XOC-12 HD Shelf Interface LR	MC8A-2LC1			0	0	0	0	0	0	0	0	0	0	0	0
Optical 1XOC-12 HD Shelf Interface LR	MC8A-2LC2			0	0	0	0	0	0	0	0	0	0	0	0
Passes Clock Signal in OC-12 Trib applications	MC8A-2THR			0	0	0	0	0	0	0	0	0	0	0	0
Group Processor, OC3 and OC12	HS2T-C3			0	0	0	0	0	0	0	0	0	0	0	0
Optical 1XOC-3 HD Shelf Interface SR	MC8A-31SC			0	0	0	0	0	0	0	0	0	0	0	0
Optical 1XOC-3 HD Shelf Interface IR	MC8A-31MC			0	0	0	0	0	0	0	0	0	0	0	0
Optical 1XOC-3 HD Shelf Interface LR	MC8A-31LC			0	0	0	0	0	0	0	0	0	0	0	0
Bridge Unit for OC3 in HD Shelf	MC8A-3BRD			0	0	0	0	0	0	0	0	0	0	0	0
Cable for Bridge Unit	MC8A-3BRD Cable			0	0	0	0	0	0	0	0	0	0	0	0
Group Processor DS3	HS2T-D3			0	1	1	1	1	2	2	2	2	3	3	4
Electrical 3xDS3	MC8A-D3E2			0	2	3	4	5	7	8	9	10	12	15	20
Switch for DS3 or STS-1 Interfaces	MS2T-D31			0	1	1	1	1	2	2	2	2	3	3	4
Muldem for DS3, STS-1, OC-3	HC2T-MDL			0	2	2	2	2	4	4	4	4	6	6	8
Group Processor STS-1	HS2T-S1			0	0	0	0	0	0	0	0	0	0	0	0
Electrical 3xSTS-1	MC8A-ST1P			0	0	0	0	0	0	0	0	0	0	0	0
Internal Cable 5'	Int Cable			1	1	1	1	1	1	1	1	1	2	2	2
Ribbon Coax between HS and HD Trib	Trib Cable			2	2	2	2	2	4	4	4	4	8	8	8
Ribbon Coax between HS and HD Trib	Trib Cable			0	0	0	0	0	0	0	0	0	0	0	0
Coax between HCA8-8EL2 modules	Trib Cable			0	0	0	0	0	0	0	0	0	0	0	0
High Density Trib Shelf	Shelf Trib			1	1	1	1	1	1	1	1	1	2	2	2
Total															

Lucent DDM-2000 FiberReach OC-1 UPSR

Functional Name	Product Code	CLEI Code	BST Unit Price	Shelf & Commons	4 DS1 Qty	8 DS1 Qty	12 DS1 Qty	16 DS1 Qty	20 DS1 Qty	24 DS1 Qty	28 DS1 Qty
Wideband Shelf Rack Mtg	ED-8C843-30 G1			1	1	1	1	1	1	1	1
OC-1 OLIU	20G2-U			2	2	2	2	2	2	2	2
System Controller	BBG[illegible]	SNC11W0xx		1	1	1	1	1	1	1	1
DS1PM Low Speed w/Perf Mon	BBF3[illegible]	SNPQAM4xx		0	2	3	4	5	6	7	8
DS1 Low Speed Circuit Pack	BBF1[illegible]			0	0	0	0	0	0	0	0
T1 Extension Circuit Pack	BBF6			0	0	0	0	0	0	0	0
Release 2.2 Software	ED-8C843-34 G-1			1	1	1	1	1	1	1	1
75' DS1 Wire 26GA				1	1	1	1	1	1	1	1
Power Kit w/8 Amp Hour Battery				1	1	1	1	1	1	1	1
Total											

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Lucent DDM-2000 OC-3 UPSR

Functional Name	Product Code	CLEI Code	BST Unit Price	Shelf & Commons	28 DS1 Qty	56 DS1 Qty	84 DS1 Qty	1 DS3 Qty	2 DS3 Qty	3 DS3 Qty	1 DS3/56 DS1 Qty	2 DS3/28 DS1 Qty	
OC-3 Shelf Assembly	ED-8C724-30 G4			1	1	1	1	1	1	1	1	1	
Heat Baffle	ED-8C733-30 G1			1	1	1	1	1	1	1	1	1	
Full Electrical Cabling				1	1	1	1	1	1	1	1	1	
Lot Fiber Jumpers				1	1	1	1	1	1	1	1	1	
OC-3 IS-3 OLIU w/ TSI (SR LED)	22D-U	SNCMVE0xx		0	0	0	0	0	0	0	0	0	
OC-3 OLIU	21G2-U	SNTRABCxx		0	0	0	0	0	0	0	0	0	
OC-3 OLIU w/TSI	22G3-U	SNTRFBXxx		2	2	2	2	2	2	2	2	2	
Synchronous Timing Generator	BBF2B	SNPQA16xx		2	2	2	2	2	2	2	2	2	
System Controller	BBG8B			1	1	1	1	1	1	1	1	1	
Overhead Contoller	BBG9			1	1	1	1	1	1	1	1	1	
OC-1 OLIU FiberReach	27G-U											0	
VT- to - STS-1 multiplexer MXRVO card	BBG2B			0	2	4	6	0	0	0	4	2	
DS1 w/PM	BBF3			0	8	16	24	0	0	0	16	8	
DS1 wo/PM	BBF1B			0	0	0	0	0	0	0	0	0	
Retainer Card	177A			0	0	0	0	0	0	0	0	0	
DS3 Circuit Pack	BBG4B			0	0	0	0	2	4	6	2	4	
Trasmux DS3	BBG20			0	0	0	0	0	0	0	0	0	
OC-3 R11.1 Software	ED-8C724-41 G1			0	0	0	0	0	0	0	0	0	
Total													

Lucent DDM-2000 OC-3+ UPSR

Functional Name	Product Code	CLEI Code	BST Unit Price	Shelf & Commons	28 DS1 Qty	56 DS1 Qty	84 DS1 Qty
OC-3 Shelf Assembly	ED-8C724-30 G4			1	1	1	1
Heat Baffle	ED-8C733-30 G1			1	1	1	1
Full Electrical Cabling				1	1	1	1
Lot Fiber Jumpers				1	1	1	1
OC-12 OLIU	24G-U			2	2	2	2
Synchronous Timing Generator	BBF2B	SNPQA16xx		2	2	2	2
System Controller	BBG8B			1	1	1	1
Overhead Contoller	BBG9			1	1	1	1
VT- to - STS-1 multiplexer MXRVO card	BBG2B			0	2	4	6
DS1 w/PM	BBF3			0	8	16	24
DS1 wo/PM	BBF1B			0	0	0	0
Retainer Card	177A			0	0	0	0
DS3 Circuit Pack	BBG4B			0	0	0	0
Trasmux DS3	BBG20			0	0	0	0
OC-3 R11.1 Software	ED-8C724-41 G1			0	0	0	0
Total							

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Lucent DDM-2000 OC-12 UPSR

Functional Name	Product Code	CLEI Code	BST Unit Price	Shelf & Commons	3 DS3 Qty	6 DS3 Qty	9 DS3 Qty	12 DS3 Qty	3 STS-1 Qty	6 STS-1 Qty	9 STS-1 Qty	12 STS-1 Qty	1 OC-3 Qty	2 OC-3 Qty	3 OC-3 Qty	4 OC-3 Qty
OC-12 Shelf Assembly	ED-6C727-30 G4			1	1	1	1	1	1	1	1	1	1	1	1	1
Heat Baffle	ED-6C733-30 G1			1	1	1	1	1	1	1	1	1	1	1	1	1
Full Electrical Cabling				1	1	1	1	1	1	1	1	1	1	1	1	1
Lot Fiber Jumpers				1	1	1	1	1	1	1	1	1	1	1	1	1
OC-12 Regenerator OLIU	23R-U			0	0	0	0	0	0	0	0	0	0	0	0	0
OC-12 OLIU 1550nm	23H-U			0	0	0	0	0	0	0	0	0	0	0	0	0
OC-12 OLIU 1310nm	23G-U			2	2	2	2	2	2	2	2	2	2	2	2	2
Synchronous Timing Generator	BBF2B			2	2	2	2	2	2	2	2	2	2	2	2	2
TSI Flex	BCP3			2	2	2	2	2	2	2	2	2	2	2	2	2
System Controller	BBG8B			1	1	1	1	1	1	1	1	1	1	1	1	1
Overhead Contoller	BCP4			1	1	1	1	1	1	1	1	1	1	1	1	1
3 DS3 Triple DS3	BBG11B			0	2	4	6	8	0	0	0	0	0	0	0	0
6" App Blank	177B			8	6	4	2	0	6	4	2	0	6	4	2	0
12" App Blank	177C			2	2	2	2	2	2	2	2	2	2	2	2	2
OC-12 Fan				1	1	1	1	1	1	1	1	1	1	1	1	1
OC-3 OLIU	21G2-U			0	0	0	0	0	0	0	0	0	2	4	6	8
OC-3 IS-3 OLIU	21D-U			0	0	0	0	0	0	0	0	0	0	0	0	0
3 STS1E Triple STS-1	BBG12			0	0	0	0	0	2	4	6	8	0	0	0	0
OC-12 R5.2 Software	ED-6C727-36 G1			1	1	1	1	1	1	1	1	1	1	1	1	1
Total																

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Lucent FT-2000 OC-48+ BLSR (2 Fiber)

Functional Name	Product Code	CLEI Code	BST Unit Price	Shelf & Commons	3 DS3 Qty	6 DS3 Qty	9 DS3 Qty	12 DS3 Qty	15 DS3 Qty	18 DS3 Qty	21 DS3 Qty	24 DS3 Qty	30 DS3 Qty	36 DS3 Qty	48 DS3 Qty
OC-48 Ring Bay E/W Common Plug-ins	ED8C902-30 G-1			1	1	1	1	1	1	1	1	1	1	1	1
LSSW	LAA12B			2	2	2	2	2	2	2	2	2	2	2	2
TMG Gen 3	LAA18			2	2	2	2	2	2	2	2	2	2	2	2
SYS Controller	LAA23B			1	1	1	1	1	1	1	1	1	1	1	1
SYSTEM Memory	LAA25			1	1	1	1	1	1	1	1	1	1	1	1
Line Controller	LAA28			1	1	1	1	1	1	1	1	1	1	1	1
OverHead Controller	LAA21			2	2	2	2	2	2	2	2	2	2	2	2
OC48 1310 TRMTR 24db	739B5			2	2	2	2	2	2	2	2	2	2	2	2
OC48 RCVR	839B5			2	2	2	2	2	2	2	2	2	2	2	2
Full Electrical Cabling				1	1	1	1	1	1	1	1	1	1	1	1
Lot Fiber Jumpers				1	1	1	1	1	1	1	1	1	1	1	1
3 DS3 Triple DS3	LAA2			0	2	3	4	5	6	7	8	9	11	13	17
3 STS1E Triple STS1	LAA4			0	0	0	0	0	0	0	0	0	0	0	0
OC3 Optical Low Speed Card	LAA10			0	0	0	0	0	0	0	0	0	0	0	0
IS3 Optical Low Speed Card	LAA5			0	0	0	0	0	0	0	0	0	0	0	0
OC12 Optical Low Speed Card	T939A			0	0	0	0	0	0	0	0	0	0	0	0
TOHCTL (OC3 DCC)	LAA26			0	0	0	0	0	0	0	0	0	0	0	0
OC48 Regen Bay				0	0	0	0	0	0	0	0	0	0	0	0
OC48 Regen 24db	39B2			0	0	0	0	0	2	4	6	8	0	0	0
OC48 Software Release 7.2	ED-8C727-36 G1			1	1	1	1	1	1	1	1	1	1	1	1
Total															

DSC LiteSpan 2000 - Digital Loop Carrier

Equipment	Non-Integrated Material Price 1/98	# Req'd	Non-Integrated Total Price 1/98	Non-Integrated Total Capacity 1/98	Integrated TR008 Total Capacity 7/98
Commons (Central Office)					
Bank Control Unit Ver 2 (BCU4)		2		224	1,344
Bank Power Supply (BPS)		3		224	1,344
Metallic Test Access Unit (MTAU)		1		224	1,344
Communications Interface Unit (CIU)		1		224	1,344
Total				224	1,344
Commons (Remote Terminal)					
Bank Control Unit Ver.2 (BCU4)		2		224	224
Bank Power Supply (BPS)		3		224	224
Metallic Test Access Unit (MTAU)		1		224	224
Communications Interface Unit (CIU)		1		224	224
Ringing Generator Unit (RGU) (RT only)		2		224	224
Total				224	224
Hardwire					
FA CBA1 (NB:710)		1		2,016	2,016
Universal Fuse & Alarm Panel		1		2,016	2,016
Universal Alarm Cable Kit #1		1		2,016	2,016
Intershelf Cable Kit - Bay #1		1		2,016	2,016
Common Control Shelf Assembly		1		2,016	2,016
Total				2,016	2,016

Concurrence: _____
Bill Braxton, OSPE Coordinator

Date: _____

1 plug in = 4 circuits
Fory
Braxton
Harris

DSC Litespan 2000

Equipment	Material Price	# Required	Total Price	Total Capacity
Multiplexer (Common Control Assembly)	9/97			
Common Optics Group				
Optical Receiver Unit (ORU)		4		2016
Optical Transmitter Unit (OTU)		4		2016
SONET Formatter Unit (SFU)		4		2016
Common Equipment Group				
Timing Control Unit, Ver. 2 (TCU2)		2		2016
Terminal Control Processor, Ver. 2 (TCP2)		2		2016
System Backup Memory, Ver. 2 (SBM2)		2		2016
Datalink Controller and Tone Generator (DCT)		2		2016
Time Slot Interchanger, Ver. 2 (TSI2)*		2		672
Common Support Group (Power, maintenance and test access, alarm control, alarm reporting)				
Common Power Supply (CPS)		2		2016
Alarm Control Unit, Ver. 2 (ACU2)		1		2016
Maintenance and Test Interface (MTI)		1		2016
Total				
* 2 required for 3 channel bank assemblies	97			
Digital Loop Carrier - Channel Bank Assembly (CBA)	9/97 A/D 1/98			Univ. TR08
Commons (Central Office)				
Bank Control Unit Ver. 2 (BCU2) BCU4		2		224
Bank Power Supply (BPS)		3		224 1344
Metallic Test Access Unit (MTAU)		1		224
Communications Interface Unit (CIU)		1		224
Total				
Commons (Remote Terminal)				
Bank Control Unit Ver. 2 (BCU2)		2		224
Bank Power Supply (BPS)		3		224
Metallic Test Access Unit (MTAU)		1		224 224
Communications Interface Unit (CIU)		1		224
Ringing Generator Unit (RGU) (RT only)		2		224
Total				
Hardwire				
FA CBA1 (NB:710)		1		2016
Universal Fuse & Alarm Panel		1		2016
Universal Alarm Cable Kit #1		1		2016 2016
Intershelf Cable Kit - Bay #1		1		2016
Common Control Shelf Assembly		1		2016
Total				NC

6/16/98
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[redacted]

Entire Pages

Proprietary

Pages 90-95

DACS II CALCULATION SHEET

1-IFTU=	160 DS-1	3840 DS-0
1-DS3U=	168 DS-1	4032 DS-0
1-DSPU=		4096 DS-0

CAPACITIES

7DS3U=	28224 DS-0
8 IFTU	30720 DS-0
1 DSPU=	4096 DS-0
	63040 DS-0 OR 2627 DS-1

FOR THIS 50/50 CKONFIGURATION @ DS-0

DS-1 for SF,ESF Formats
DS-1 for ANSI
DS-1 for SLC
SLC DS-1
SLC-5 DS-1

AVG=

Per Port @ DS0	63040
Per Port @ DS1	2627

ALABAMA

Digital Cross Connect 3 ~ 1

	LUCENT	TELLABS	ALCATEL	
Probability	0%	20%	80%	
Capacity equiped @ DS1				
DS1 capacity	13888	28,672	28	
Per				
Utilization	85%	85%	85%	
Per DS1 utilized				
Weighting	$			Total
Capacity equiped @ DS3				
DS3 capacity	480	1024	1344	
Per				
Utilization	85%	85%	85%	
Per DS3 utilized				
Weighting				Total
Capacity equiped @ STS-1				
STS-1 capacity	480	1024	1344	
Per				
Utilization	85%	85%	85%	
Per STS-1 utilized				
Weighting				Total

Digital Cross Connect 1 ~ 0

	LUCENT	TELLABS	DSC	
Probability	28%	22%	50%	
Capacity equiped @ DS0				
DS0 capacity	63040	12,288	8064	
Per				
Utilization	85%	85%	85%	
Per DS0 Utilized				
Weighting				Total
Capacity equiped @ DS1				
DS1 capacity	2626.666667	512	336	
Per				
Utilization	85%	85%	85%	
Per DS1 Utilized				
Weighting				Total

FLORIDA

Digital Cross Connect 3 ~ 1

	LUCENT	TELLABS	ALCATEL	
Probability	67%	30%	3%	
Capacity equiped @ DS1				
DS1 capacity	13888	28,672	28	
Utilization	85%	85%	85%	
Per DS1 utilized				
Weighting	$			Total
Capacity equiped @ DS3				
DS3 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per DS3 utilized				
Weighting				Total
Capacity equiped @ STS-1	2562100			
STS-1 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per STS-1 utilized				
Weighting				Total

Digital Cross Connect 1 ~ 0

	LUCENT	TELLABS	DSC	
Probability	45%	28%	28%	
Capacity equiped @ DS0				
DS0 capacity	63040	12,288	8064	
Utilization	85%	85%	85%	
Per DS0 Utilized				
Weighting				Total
Capacity equiped @ DS1				
DS1 capacity	2626.666667	512	336	
Utilization	85%	85%	85%	
Per DS1 Utilized				
Weighting				Total

GEORGIA

Digital Cross Connect 3 ~ 1

	LUCENT	TELLABS	ALCATEL	
Probability	81%	7%	12%	
Capacity equiped @ DS1				
DS1 capacity	13888	28,672	28	
Utilization	85%	85%	85%	
Per DS1 utilized				
Weighting				Total
Capacity equiped @ DS3				
DS3 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per DS3 utilized				
Weighting				Total
Capacity equiped @ STS-1	2562100			
STS-1 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per STS-1 utilized				
Weighting				Total

Digital Cross Connect 1 ~ 0

	LUCENT	TELLABS	DSC	
Probability	49%	51%	0%	
Capacity equiped @ DS0				
DS0 capacity	63040	12,288	8064	
Utilization	85%	85%	85%	
Per DS0 Utilized				
Weighting				Total
Capacity equiped @ DS1				
DS1 capacity	2626.666667	512	336	
Utilization	85%	85%	85%	
Per DS1 Utilized				
Weighting				Total

KENTUCKY
Digital Cross Connect 3 ~ 1

	LUCENT	TELLABS	ALCATEL	
obability	60%	40%	0%	
Capacity equiped @ DS1				
DS1 capacity	13888	28,672	28	
Utilization	85%	85%	85%	
Per DS1 utilized				
Weighting				Total
Capacity equiped @ DS3				
DS3 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per DS3 utilized				
Weighting				Total
Capacity equiped @ STS-1	2562100			
STS-1 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per STS-1 utilized				
Weighting				Total

Digital Cross Connect 1 ~ 0

	LUCENT	TELLABS	DSC	
Probability	54%	46%	0%	
Capacity equiped @ DS0				
DS0 capacity	63040	12,288	8064	
Utilization	85%	85%	85%	
Per DS0 Utilized				
Weighting	$			Total
Capacity equiped @ DS1				
DS1 capacity	2626.666667	512	336	
Utilization	85%	85%	85%	
Per DS1 Utilized				
Weighting				Total

PRELIMINARY

LOUISIANA

Digital Cross Connect 3 ~ 1

	LUCENT	TELLABS	ALCATEL	
Probability	100%	0%	0%	
Capacity equiped @ DS1				
DS1 capacity	13888	28,672	28	
Utilization	85%	85%	85%	
Per DS1 utilized	$			
Weighting				Total
Capacity equiped @ DS3				
DS3 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per DS3 utilized				
Weighting	$			Total
Capacity equiped @ STS-1	2562100			
STS-1 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per STS-1 utilized				
Weighting				Total

Digital Cross Connect 1 ~ 0

	LUCENT	TELLABS	DSC	
Probability	100%	0%	0%	
Capacity equiped @ DS0				
DS0 capacity	63040	12,288	8064	
Utilization	85%	85%	85%	
Per DS0 Utilized				
Weighting				Total
Capacity equiped @ DS1				
DS1 capacity	2626.666667	512	336	
Utilization	85%	85%	85%	
Per DS1 Utilized				
Weighting				Total

MISSISSIPPI

Digital Cross Connect 3 ~ 1

	LUCENT	TELLABS	ALCATEL	
Probability	100%	0%	0%	
Capacity equiped @ DS1				
DS1 capacity	13888	28,672	28	
Utilization	85%	85%	85%	
Per DS1 utilized				
Weighting				Total
Capacity equiped @ DS3				
DS3 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per DS3 utilized				
Weighting				Total
Capacity equiped @ STS-1	256210			
STS-1 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per STS-1 utilized				
Weighting				Total

Digital Cross Connect 1 ~ 0

	LUCENT	TELLABS	DSC	
Probability	88%	0%	12%	
Capacity equiped @ DS0				
DS0 capacity	63040	12,288	8064	
Utilization	85%	85%	85%	
Per DS0 Utilized				
Weighting				Total
Capacity equiped @ DS1				
DS1 capacity	2626.666667	512	336	
Utilization	85%	85%	85%	
Per DS1 Utilized	$			
Weighting	$			Total

10/27/99

NORTH CAROLINA
Digital Cross Connect 3 ~ 1

	LUCENT	TELLABS	ALCATEL	
Probability	100%	0%	0%	
Capacity equiped @ DS1				
DS1 capacity	13888	28,672	28	
Utilization	85%	85%	85%	
Per DS1 utilized	$			
Weighting				Total
Capacity equiped @ DS3				
DS3 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per DS3 utilized	$			
Weighting	$			Total
Capacity equiped @ STS-1	2562100			
STS-1 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per STS-1 utilized				
Weighting				Total

Digital Cross Connect 1 ~ 0

	LUCENT	TELLABS	DSC	
Probability	31%	67%	2%	
Capacity equiped @ DS0				
DS0 capacity	63040	12,288	8064	
Utilization	85%	85%	85%	
Per DS0 Utilized				
Weighting				Total
Capacity equiped @ DS1				
DS1 capacity	2626.666667	512	336	
Utilization	85%	85%	85%	
Per DS1 Utilized				
Weighting				Total

10/27/99

SOUTH CAROLINA

Digital Cross Connect 3 ~ 1

	LUCENT	TELLABS	ALCATEL	
Probability	93%	0%	7%	
Capacity equiped @ DS1				
DS1 capacity	13888	28,672	28	
Utilization	85%	85%	85%	
Per DS1 utilized	$ -			
Weighting				Total
Capacity equiped @ DS3				
DS3 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per DS3 utilized				
Weighting	$			Total
Capacity equiped @ STS-1	2562100			
STS-1 capacity	480	1024	1344	
Utilization	85%	85%		
Per STS-1 utilized				
Weighting				Total

Digital Cross Connect 1 ~ 0

	LUCENT	TELLABS	DSC	
Probability	73%	3%	23%	
Capacity equiped @ DS0				
DS0 capacity	63040	12,288	8064	
Utilization	85%	85%	85%	
Per DS0 Utilized				
Weighting	$			Total
Capacity equiped @ DS1				
DS1 capacity	2626.666667	512	336	
Utilization	85%	85%	85%	
Per DS1 Utilized				
Weighting				Total

10/27/99

TENNESSEE

Digital Cross Connect 3 ~ 1

	LUCENT	TELLABS	ALCATEL	
Probability	35%	65%	0%	
Capacity equiped @ DS1				
DS1 capacity	13888	28,672	28	
Utilization	85%	85%	85%	
Per DS1 utilized				
Weighting				Total
Capacity equiped @ DS3				
DS3 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per DS3 utilized	$			
Weighting	$			Total
Capacity equiped @ STS-1	2562100			
STS-1 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per STS-1 utilized				
Weighting				Total

Digital Cross Connect 1 ~ 0

	LUCENT	TELLABS	DSC	
Probability	94%	6%	0%	
Capacity equiped @ DS0				
DS0 capacity	63040	12,288	8064	
Utilization	85%	85%	85%	
Per DS0 Utilized	$			
Weighting	$			Total
Capacity equiped @ DS1				
DS1 capacity	2626.666667	512	336	
Utilization	85%	85%	85%	
Per DS1 Utilized				
Weighting				Total

BELL*SOUTH*

Digital Cross Connect 3 ~ 1

	LUCENT	TELLABS	ALCATEL	
Probability	72%	22%	7%	
Capacity equiped @ DS1				
DS1 capacity	13888	28,672	28	
Utilization	85%	85%	85%	
Per DS1 utilized				
Weighting				Total
Capacity equiped @ DS3				
DS3 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per DS3 utilized				
Weighting	$			Total
Capacity equiped @ STS-1	2562100			
STS-1 capacity	480	1024	1344	
Utilization	85%	85%	85%	
Per STS-1 utilized				
Weighting				Total

Digital Cross Connect 1 ~ 0

	LUCENT	TELLABS	DSC	
Probability	56%	28%	17%	
Capacity equiped @ DS0				
DS0 capacity	63040	12,288	8064	
Utilization	85%	85%	85%	
Per DS0 Utilized				
Weighting	$			Total
Capacity equiped @ DS1				
DS1 capacity	2626.666667	512	336	
Utilization	85%	85%	85%	
Per DS1 Utilized	$			
Weighting	$			Total

Digital Cross Connect 1 ~ 0

	LUCENT	TELLABS	DSC
Capacity equiped @ DS0	$ [redacted]	$ [redacted]	$ [redacted]
DS0 capacity	63040	12,288	8064
Utilization	85%	85%	85%
Per DS0 Utilized	$ [redacted]	$ [redacted]	$ [redacted]
Capacity equiped @ DS1	$ [redacted]	$ [redacted]	$ [redacted]
DS1 capacity	2627	512	336
Utilization	85%	85%	85%
Per DS1 Utilized	$ [redacted]	$ [redacted]	$ [redacted]

DCS4_SMRY

Digital Cross Connect 3 ~ 1

	LUCENT	TELLABS	ALCATEL
Capacity equiped @ DS1	[redacted]	[redacted]	$ [redacted]
DS1 capacity	13888	28,672	28
[redacted]			
Utilization	85%	85%	85%
Per DS1 utilized	[redacted]	[redacted]	$ [redacted]
Capacity equiped @ DS3	[redacted]	[redacted]	[redacted]
DS3 capacity	480	1024	1344
[redacted]			
Utilization	85%	85%	85%
Per DS3 utilized	$ [redacted]	[redacted]	[redacted]
Capacity equiped @ STS-1	[redacted]	[redacted]	[redacted]
STS-1 capacity	480	1024	1344
[redacted]			
Utilization	85%	85%	85%
Per STS-1 utilized	$ [redacted]	[redacted]	$ [redacted]

Alcatel 1631 units cannot be fully equipped for DS1s. This is a mixture of 8960 DS1s and 863 DS3s. The various components were divided up by Alcatel and given to us. It looks entirely reasonable. I wish we had a cofigurator file to check our own configurations.

DACS II CALCULATION SHEET

1-IFTU=	160 DS-1	3840 DS-0
1-DS3U=	168 DS-1	4032 DS-0
1-DSPU=		4096 DS-0

CAPACITIES

7DS3U=	28224 DS-0
8 IFTU	30720 DS-0
1 DSPU=	4096 DS-0

[redacted] OR [redacted]

FOR THIS 50/50 CKONFIGURATION @ DS-0

DS-1 for SF,ESF Formats	$
DS-1 for ANSI	$
DS-1 for SLC	$
SLC DS-1	$
SLC-5 DS-1	$

[redacted]

Per Port @ DS0	$	63040
Per Port @ DS1	$	2627

Entire Pages

Proprietary

pages 110-111

DACS IV CONFIGURATION SUMMARY

Common Costs	DS3	DS1	
$	$	$	
$	$	$	
$	$	$	
$	$	$	
$	$	$	Totals
	$	$	% of Total
	$	$	Prorate Common Units
	$		

Mat Price	Capacity
$	
$	

Entire Pages

Proprietary

Pages 113-115

April 16, 1999

NOTE!

As per Edith Fraser, there is no change in the Material Prices for Tellabs
for 1998.

TITAN 532L DIGITAL CROSS CONNECT SYSTEM

QUANTITY	DESCRIPTION	MATERIAL PRICE	TOTAL PRICE
1	Adminsitrative Bay (standard eqpt.)	$	
1	Feature Package (software)	$	
1	Switch Complex	$	
1	Port Switch Complex	$	
1	T1 sub-rate eqpt		
1	Port cabling & Hardware		
1	Intra system cabling (hardware)		
1	Maintenance Bay		
		$	
Capacity based on Dual T1 interface modules=		512	
Material Price per DS1 port=		[redacted]	
Material Price per DS0 port=		[redacted]	

Entire Pages

Proprietary

Pages 118 - 123

April 16, 1999

NOTE!

As per Ed Boatwright, there is no change in the Material Prices for Alcatel for 1998.

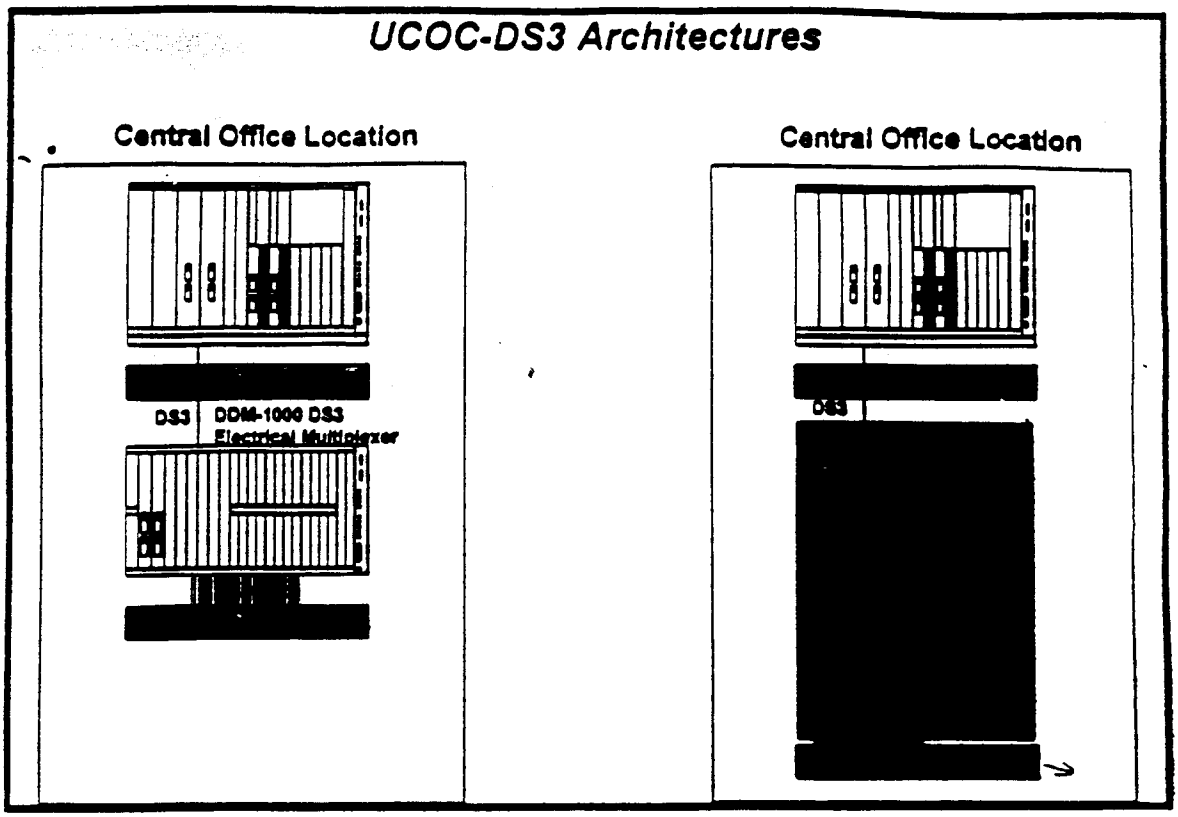


Figure II-1. UC-DS3 Architecture Examples

2-DS1 port on DSX-3
1-DS1 port on DDM-1000
1- Comm Eqpt for DDM-1000

1 DSX-1 port on DSX-1
1 DSX-3 port on DSX-3
1 port w DCS DS1 Level
1 Comm Eqpt for DACS-II

As per Ed Boatright 6/10/97

LMC →
3329. DS3 capacity ÷ .85 = 3916.47

3-DS-3 - 5,183 Per ckt pk.
7-DS-1 - 118 per ckt pk.
8-DS-1 - 818 per ckt pk.

LMC

1134

April 16, 1999

Note!

As per Rich Wood, there is no change in the Material Prices for DSC's digital cross connect systems. Material prices will remain the same for studies performed in 1999.

DSC COMMUNICATIONS

North American Sales
1000 Coit Rd.
Plano, TX 75075

FACSIMILE COVER SHEET

TO:	Bill Darling
COMPANY:	BellSouth
PHONE:	
FAX:	404-529-8469
FROM:	KORY T. WILKINSON
COMPANY:	DSC COMMUNICATIONS
PHONE:	972-477-8341
FAX:	972-519-2203 *Inquiries Only* 972-519-4152 Order Related Activity
E-MAIL:	kwilkins@ccmail.dsccc.com
DATE:	8/20/97
PAGES INCLUDING THIS COVER PAGE:	7

COMMENTS: Rich Wood

[redacted] = 770-399-1096

[illegible] Bingham 704-417-0137 NC DST

[illegible] 954-763-2746 FL DST

Bill Hollins 201-992-2490 AL DST

Per Jerry Drago 8/21/97 They ship 90% 28 plugs + 10% 25 plugs. Texas is most expensive plug.

Entire Page

Proprietary

Page 128-133

REPLY
Subject: COST Request on DSX/D4
Creator: Rosa A. Cochran /m3,mail3a

Dated: 5/27/99 at 14:54
Contents: 2

Item 1

TO: Bill Darwin /m3,mail3a; PHONE=404-529-6588

Item 2

Bill,

The pricing for the following:

	1997 PRICE	TPI	1998 PRICE
2W FXS			
2W FXO			
4W FXO			
4W FXS			
OCUDP			

N/A - PURCHASE REUSE, NO CONTRACT PRICING AVAILABLE

If there are questions, please call me at 404-420-6091.

Rosa Cochran

REPLY
Subject: COST Request on DSX/D4
Creator: Rhonda E. Vitale /m2,mail2a - 404-6506

Dated: 6/10/99 at 15:14
Contents: 2

Item 1

CC: Bill Darwin /m3,mail3a; PHONE=404-529-6588

Item 2

Here is the information that you requested concerning material pricing:

DSX-1 Panels

Lucent	ADC
80 circuits	N/A
90 circuits	N/A
84 circuits	per circuit
56 circuits	per circuit

DSX-3 Panels
24 circuit

LGX Fiber Termination

Siecor	Lucent	ADC
72 fibers		
72 pre-term		
144 pre-term		
216 preterm N/A	N/A	

D4 Channel Bank — Per bay

Lucent	Pulsecom
7'/3 Banks	7'/4 Banks
9'/5 Banks	9'/5 Banks
11'6"/6 Banks	11'6"/6 Banks
7'/4 Banks	7'/5 Banks
	9'/5 Banks

Coax jumper 'including connectors
Fiber jumper including connectors

Please let me know if you need any additional information

AS PER MIKE HULSEY 10/21/99

65%
35%

AS PE RHONDA VITALE 100% PULSECOM FOR D4 BAYS

DESCRIPTION	EQUIPMENT CODE	PRIMARY VENDOR	PRIMARY HECCI	PRIMARY PRICE	% AWARD	CONDAR UPPLIER	CONDAR HECCI	CONDAR PRICE	% AWARD	BACK UP UPPLIER
D4 COMMONS										
POWER CONVERTER UNIT	325B	PULSECOM	D4PBCWK		100%					1, 2, 3, 4
TRANSMIT UNIT	TU/3	PLUSECOM	D4TRT6V		100%					1, 2, 3, 4
RECEIVE UNIT	RU/2	PULSECOM	D4TRR6G		100%					1, 2, 3, 4
ALARM SUPPRESSION UNIT	ACU-ASU	PULSECOM	D4ACCOB		100%					1, 2, 3, 4
TRUNK PROCESSING UNIT	TPU/3	PULSECOM	D4TP0CB		100%					1, 2, 3, 4
POWER DISTRIBUTION UNIT	PDU/2	PULSECOM	D4PBF20		100%					1, 2, 3, 4
OFFICE INTERFACE UNIT 2	OIU-2BA	PULSECOM	D4OI21M		100%					1, 2, 3, 4
LINE INTERFACE UNIT	LIU-403/2	PULSECOM	D4L2AA0		100%					1, 2, 3, 4
ALARM CONTROL UNIT*	ACU-403/2	PULSECOM	D4ACDOE		100%					1, 2, 3, 4
					+48 c		util ÷ 85%			Rec 05¢
DATAPORT										
DSU ALL RATE DAPR RS422 interface	325	CONKLIN	D4DP56V		100%					CONKLIN
DSU ALL RATE DAPR	325-I2-L1	CONKLIN	D4DA916		100%					ADTRAN
DSU ALL RATE DAPR RS232 interface	325-L2	CONKLIN	D4DP56K		100%					
DSU ALL RATE DSU-DP SYNC V35 in	325-L3	CONKLIN	D4DA913		100%					
DSO-DP ALL RATE	323-I4-L4	CONKLIN	D4D1F90		100%	Voice CARDE =				DTRAN/INC
OCU-DP ALL RATE	322-I4-L4 Ser-B	CONKLIN	D4D2ALM		100%					DTRAN/INC
DDB/OCU	321-I3-L2	CONKLIN	D4DALR0		100%					ADTRAN, INC
DDB/QMJU	1105006L1-REV-E	ADTRAN	D4DDA1D		100%					
D4 TANDEM	DSO-DP324RP	CONKLIN	D4D2FJJ		100%					ADTRAN
SPECIAL SERVICE										
4 WIRE PULSE LINK REPEATER	PLR-1L2	PULSECOM	D4CEP33		100%					1, 2, 3, 4
2 WIRE RING DN. PL AUTO RING	2FXS/DPOGT/4555	TELTREND	D4F1NU0		100%					XEL
DIAL PULSE TERM W/GAIN	2W DPT/GT4530	TELTREND	D4CT3V9		100%					XEL
2/4 WIRE ANALOG/DIGITAL	DCAC4570	TELTREND	D4C4DDG		100%					

1 = PACIFIC NETWORK 2 = ALLTEL 3 = POWER AND TELEPHONE SUPPLY 4 = WALKER & ASSOC.

DESCRIPTION	EQUIPMENT CODE	PRIMARY VENDOR	PRIMARY HECCI	PRIMARY PRICE	% AWARD	CONDAR UPPLIER	CONDAR HECCI	CONDAR PRICE	% AWARD	BACK UP UPPLIER
MESSAGE										
2 WIRE E & M - 900 OHM	2EM-1L2	PULSECOM	D4CEP52		100%					1, 2, 3, 4
FOREIGN EXCHANGE										
2W FX STATION	2FXS-2L1	PULSECOM	D4CXPB4		100%					1, 2, 3, 4
2W FX OFFICE LP START*	2FXO4520I6	TELTREND	D4F1AAF		100%					1, 2, 3, 4
2W FX SUB W/GAIN XFER	2FXS/DPOGT4555	TELTREND	D4FINU0		100%					1, 2, 3, 4
										1, 2, 3, 4
TRANSMIT ONLY										
4 WIRE SMART ETO	SMART ETO	TELTREND	D4CTTW0		100%					1, 2, 3, 4
ISDN										
U-BRITE	U-BRITE	ADTRAN	D4CIA6T		50%	ELTREND	D4C1EMX		50%	PLUSECOM
U-BRITE w/POWER	U-BRITE w/POWER	ADTRAN	D4CIAWT		50%	ELTREND	D4C1EEY		50%	PLUSECOM
ISDN BLANK	FACE PLATE	ADTRAN	D4PQA29		50%	ELTREND	VAPQAAK		50%	PLUSECOM
1 = PACIFIC NETWORK 2 = ALLTEL 3 = POWER AND TELEPHONE SUPPLY 4 = WALKER & ASSOC.										

MESSAGE
Subject: LTIE shelf average price
Sender: Rhonda E. Vitale /m2,mail2a

Dated: 10/25/99 at 12:36
Contents: 2

Item 1

TO: Bill Darwin /m3,mail3a; PHONE=404-529-6588

Item 2

Sorry for the delay in responding back to your request. The average price for a LTIE shelf is [redacted]
I hope this supplies you with the information that you need and please let me know if I can help you in any other way.
Thank you

REPLY
Subject: LTIE shelf average price
Sender: Rhonda E. Vitale /m2,mail2a

Dated: 10 28 99 at 9:31
Contents: 2

Item 1

TO: Bill Darwin /m3,mail3a; PHONE=404-529-6588

Item 2

Sorry for the delay. I hope this satisfies your requirement.
Average price for a 12 termination LIU [redacted]

Average price for a 24 termination LIU [redacted]

Let me know if you need anything else.
Thanks

Lightguide Interconnect Cb.

PER CONVERSATION WITH Rhonda · LIU = LIGHTGUIDE INTERCONNECT CABINET.

CABLE PRICES -- October, 1999									
Furnished by Arlene Fredrickson on Nov2, 1999	FRC	PRICE/ SHEATH FT.	AVG SIZE	STRAND FT. PRICE	STRAND UTILIZATION	UTILIZED PRICE	DISTANCE	PRIEC PER FIBER MILE
Aerial Fiber - Per Fiber Mile	822C				0.75		5280	
Aerial Fiber - Per Fiber Mile (No Utilization)	822C				1		5280	
Buried Fiber - Per Fiber Mile	845C				0.75		5280	
Buried Fiber - Per Fiber Mile (No Utilization)	845C				1		5280	
Underground Fiber - Per Fiber Mile	85C				0.75		5280	
Underground Fiber - Per Fiber Mile (No Utilizatio	85C				1		5280	
Fiber Building Entrance Cable - OC-3	812C				1		5280	
Fiber Building Entrance Cable - OC-12	812C				1		5280	
Fiber Building Entrance Cable - OC-48	812C				1		5280	
Note! As per Steve Hooper(7/9/98), IOF Cable Sheath Utilization is 75%								

REPLY
Subject: COST Request on DSX/D4
Creator: Rhonda E. Vitale /m2,mail2a

Dated: [illegible] at [illegible]
Contents: 2

Item 1

CC: Bill Darwin /m3,mail3a; PHONE=404-529-6588

Item 2

Here is the information that you requested concerning material pricing:

DSX-1 Panels

Lucent		ADC
80 circuits	[redacted] per circuit	N/A
90 circuits	[redacted] per circuit	N/A
84 circuits	[redacted] per circuit	
56 circuits	[redacted] per circuit	

DSX-3 Panels

24 circuit	[redacted] per circuit

LGX Fiber Termination

Siecor		Lucent		ADC
72 fibers	$ [redacted] per fiber	$	per fiber	
72 pre-term	$ [redacted] per fiber	$	per fiber	
144 pre-term	$ [redacted] per fiber	$	per fiber	
216 preterm	N/A	N/A		

D4 Channel Bank

Lucent		Pulsecom
7'/3 Banks	$	7'/4 Banks
9'/5 Banks	$	9'/5 Banks
11'6"/6 Banks	$	11'6"/6 Banks
7'/4 Banks	$	7'/5 Banks
		9'/5 Banks

Coax jumper	$	[redacted] per foot/including connectors
Fiber jumper	$	[redacted] per foot/including connectors

Please let me know if you need any additional information.

AS PER MIKE HULSEY 10/21/99

BELLSOUTH TELECOMMUNICATIONS, INC.

FPSC DKT NO 990649-TP

STAFF'S 8TH REQUEST FOR PRODUCTION OF DOCUMENTS

POD NO. 48

PROPRIETARY

POD ITEM NO. 48
ATTACHMENT NO. 1
23 PAGES

Cost Object	Description	Project Code	Cost Pool	Functions Related To:	Inv532C	Inv630C	Inv633C	INV	EXP	RTU	EXP+RTU
AIN/SMS	Advanced Intelligent Network	Advanced Intelligent Network	CP05	Plt Nonspecific							
3176	AIN/SMS - ADV INTELLIGENT NTWK/SVC MGMT SYS	Advanced Intelligent Network	CP05	Plt Nonspecific							
PCU AIN	PCU AIN	Advanced Intelligent Network	CP05	Plt Nonspecific							
		Advanced Intelligent Network Total									
		Total SMS 6124 less RTU									
		Total SMS 6724 less RTU									
		Total RTU Fees (6124 + 6724)									
		Total SMS 530C, 532C, 630C and 633C Investment									

MESSAGE
Subject: service units
Creator: Julia A. Cabe /m6,mail6a

Dated: 3/16/00 at 13:24
Contents: 2

Item 1

FROM: Julia A. Cabe /m6,mail6a; PHONE=404-420-8673
TO: Bernadette Dickinson /m3,mail3a

Item 2

Bernadette,

the service units are 1240 per month. The AIN applicationis the only one that has a 3176 cost object.

thanks,

jc

FILE NO. 870.0105

BIRMINGHAM, ALABAMA
March 17, 2000

To: John Patterson
From: Bernadette Dickinson
Subject: Monthly Charge Per Service Unit

The EDS monthly charge per service unit for operation of midrange computers follows:

2000

2001

2002

cc: Sam Gagliano

RICH TEXT
Subject: AIN/SMS Services Computer Cost Approach
Creator: Sam E. Gagliano /m3,mail3a

Dated: 2/23/01 at 11:19
Size: 1321 bytes

Please review the computer cost approach I am recommending to handle the database type services under AIN/SMS. I would like for us to call Daonne as soon as it is convenient with both of you. The Summary worksheet identifies the allocations based on Network's capacities for all services under the SMS umbrella in SMSCOM~1.xls . The SMSDOC.doc is a list of my basic assumptions.

Thanks,

Sam

To: Charles
cc: Daonne

AIN/SMS Services Computer Capacity Costs
Assumptions

1. The total computer expenses and investments for the SMS umbrella of computer platforms will be removed from the base of dollars in the Shared and Common factors. Therefore, computer expenses and investments can be directly assigned in TELRIC studies. However, do not assign the Computer RTU in TELRIC studies as these investments will be included in the Shared and Common factors.

2. For TSLRIC studies directly assign computer expenses, RTU and investments. The shared and common factors do not apply, obviously, and the Network Computer Support Factor does not include any of these SMS computer expenses, RTU or investments.

3. The summary sheet should be accessed for the inputs. The other worksheets are the derivations for each product or group of products based on extracts from the Computer Cost Matrix for all computer cost objects in the company.

4. The computer investments represent the average investment for 2000-2002. The Cost Calculator will convert this average investment to an annual recurring cost. You should divide the average investment for 2000-2002 by the yearly demand or an average of the three years of demand. An alternate method would multiply the average investment by three so the Cost Calculator results represent three years of recurring cost. In this case, you should divide three times the average investment by the sum of three years of demand.

5. Apply the same cost methodology for investments to the Computer RTU 460C in TSLRIC studies.

6. The computer expenses are annual recurring.

7. If these capacities are not service element specific enough, then we can work with Network Science & Technology (S&T) to attempt to estimate the capacities more specifically, if this is possible. There will be exceptions; for instance, John Patterson needs "LNP Queries for Hire" details but S&T can only provide a capacity estimate for the LNP total. Other SMEs familiar with this computer process will have to be consulted to resolve these types of issues.

8. If you have determined that you have received complete computer cost inputs for your specific service, you may elect to directly assign those computer expenses and investments rather than using the enclosed computer cost inputs.

AIN/SMS Services Computer Capacity Cost Summary (2000 - 2002)

Service Name / Service Category	Capacity %	Computer Investment Acct. 530C	Computer Investment Acct. 630C	Annual Computer Expenses	Computer RTU 2690 Acct. 460C
BAP - Basic Application Programmability:	18				
>Crisis Link	3				
>Quick Connect	3				
>GETS - Gov't Emergency Telephone System	3				
>SS7& Privacy	3				
>Shared Facilities	3				
>Toolkit	3				
Calling Name Service:	12				
NSPP - National Service Provider Portability:	8				
Zip Connect:	8				
Call Detail Services:	6				
>VNCD - Virtual Number Call Detail	3				
>VNCD - Virtual Number Call Detail - Internet	3				
LNP - Local Number Portability - Queries for Hire:	6				
Region Wide Messaging:	6				
Flexible Call Forwarding:	6				
Internet Call Waiting:	4				
Privacy Director:	4				
Selective Carrier Routing:	4				
Simultaneous Ring:	4				
Star 98 - Voice Mail Access:	4				
Area Number Calling Services:	4				
>ANC - Area Number Calling	2				
>DataReach	2				
AIN Triggerlink:	2				
INTRAC - Intelligent Traffic Routing & Control:	2				
SMS Access Methods:	2				
>CHUI - Character Based User Interface	1				
>GUI - Graphical Based User Interface	1				

AIN/SMS Services Resource Allocation (02/24/2000)

%	Service Category/Service Name
--	BAP (Basic Applications Programmability):
3	Crisis Link
3	Quick Connect
3	GETS (Government Emergency Telephone System)
3	SS7 Privacy
3	Shared Facilities
3	Toolkit
12	Calling Name Service
8	NSPP (National Service Provider Portability)
8	Zip Connect
--	Call Detail Services:
3	VNCD (Virtual Number Call Detail)
3	VNCD (Virtual Number Call Detail - Internet)
6	LNP (Local Number Portability)
6	Region Wide Messaging
6	Flexible Call Forwarding
4	Internet Call Waiting
4	Privacy Director
4	Selective Carrier Routing
4	Simultaneous Ring
4	Star 98 (Voice Mail Access)
--	Area Number Calling Services:
2	ANC – Area Number Calling
2	DataReach
2	AIN Triggerlink
2	INTRAC (Intelligent Traffic Routing and Control)
--	SMS Access Methods:
1	CHUI (Character Based User Interface)
1	GUI (Graphical Based User Interface)

- The preceding is an estimate of the percent resource allocation of AIN/SMS to support services and/or access. Certain services fall into a basic category like BAP (Basic Applications Programmability) where the services in that category share common functionality, thus slightly reducing the resources required to provide each additional service. This percentage estimate attempts to capture the amount of storage required to implement a service and the amount of processing/support required to maintain this same service. Some services require a great deal of storage, but a lesser amount of ongoing processing/support. Other

services do not require a great deal of storage, but do require a greater amount of ongoing processing/support. Included in this estimate are services that are currently supported in AIN/SMS or services that are actively under development to be supported by AIN/SMS in the year 2000. In addition, some services continue to be supported in AIN/SMS even though BellSouth has chosen not to continue to market these services to new customers (i.e. Area Number Calling type services). Other services are supported in AIN/SMS, but there may be no active customers using the service.

- In the case of access methods, the percentage attempts to allocate some amount of resources to providing methods of data entry/access into SMS which are outside of normal BellSouth data/user access.

- AIN/SMS is continually being updated to support new services. These percentages represent a process which by its very nature is difficult to quantify and is subject to change.

- The service names listed are those that are commonly used in the AIN/SMS user community. Some may be marketing names, others may be the names used by the developers of the services.

MESSAGE
Subject: SMS Support - BST
Sender: John A. Patterson /m2,mail2a

Dated: 3/3/00 at 16:23
Contents: 2

Item 1

FROM: John A. Patterson /m2,mail2a; PHONE=404-529-5614
TO: Charles V. Lee /m6,mail6a; PHONE=205-977-1914
CC: Sam E. Gagliano /m3,mail3a; PHONE=205-977-0385

Item 2

I received part of our request for support of SMS from Claudia Holland's people. Steve Dial told me that for 1998 there were 3 - JG58 managers and 1 - JG59 manager with a JFC of 43TA. The same would apply for 2000 and 2001. One additional JG58 manager would be added for 2002. I will try to get a work ID from him Monday.

As I indicated on the phone I was still receiving questions from Ron Wojcik. I also received an e-mail from one of Ron's people indicating the information we needed was available in TTS, but he was uncomfortable giving it to me without Ron's approval. Although Monday doesn't meet your schedule, at least it appears we will get what we need.

MESSAGE
Subject: SMS Support
Sender: John A. Patterson /m2,mail2a

Dated: 3/2/00 at 13:33
Contents: 2

Item 1

FROM: John A. Patterson /m2,mail2a; PHONE=404-529-5614
TO: Claudia Holland /m6,mail6a; PHONE=404-529-7011
Ronald J. Wojcik /m3,mail3a; PHONE=404-332-2200
CC: Sam E. Gagliano /m3,mail3a; PHONE=205-977-0385
James B. Kelley /m3,mail3a; PHONE=404-332-2179
Charles V. Lee /m6,mail6a; PHONE=205-977-1914
Lamar H. McHugh /m6,mail6a

Item 2

I am a manager in Finance - Cost Matters and I am trying to identify the cost associated with the support of the Service Management System (SMS) both from a Science and Technology (S&T) as well as BellSouth Telecommunications (BST) perspective. The cost will be included in the upcoming Unbundled Network Element (UNE) filings beginning with Florida on April 17, 2000. Charles Lee, Director - Finance, is planning to remove the dollars associated with the SMS support from the Shared and Common overhead factor (applied to all UNEs) so that I can directly assign the support to the AIN specific UNEs.

I need for you both to identify the Job Function Codes (JFC) and headcount associated with SMS support. The Shared and Common factor is using a base year of 1998; therefore, I need the JFCs and headcount for the same period and an estimate of the support for 2000 to 2002. The support includes the initial program development for the various AIN services and the on going support, such modifications and upgrades. Sam Gagliano of Charles' group has already identified the hardware and system software maintenance.

Unfortunately, Charles's schedule for the completion of the Shared and Common factor development was this Friday. If you could estimate when you could provide the information, it would assist us in our contingency planning. Thank you for your help in this endeavor. I have contacted both Lama Mchugh and Bart Kelley. Bart felt that I should direct the request to you Mr. Wojcik and I included Ms. Holland to cover the BST portion of the support.

1-11-00

CNAM — Cost Study due ASAP. — ~~TELRIC~~ TELRIC study

GA ORDER COST STUDY TO SUPPORT
MediaOne Negotiation

> John P., Barbara Cobbs, Sally Varner

> CLAUDIA HOLLAND 404-529-7011

431A 653x — ACTING DIRECTOR - AIN Operations

Network & C.S. - Intelligent Services ~~Network~~ Division
PCU

SMS

~~HP - T600~~

~~HP~~ I70's — C-7 ~~3~~ years ago

T600 — 3 years ago

6727 — 404 332-2353

2400 — Shelia Harper — > BPAIN & LNP Number Pooling

S&T Personnel

Dr. Kittler

Bart Kelly, S&T, 404-332-2179

Lana Morgan

- Testers - 404-332-2370

B'ham

Quality Control Testing

2410 67XX

B'ham Lab

* 40 employees (20-25 contractors) — Debbie Sparks 205 982-2306

Ron Gardner 982-2349

1999 -

EMC DISK ARRAY — S&T — Eric 404-332-2395

- Pete Frigola = 404-332-2394

* Voucher — 2400 - HDW - SW

> New Technology
> Better performance
> Higher availability
Config management Tool
A BOOK
> Growth of SMS

2 T600
2 G50
2 I70's
} equipment → SMS

SMS is shared by a number of services.

> Production Machine in Charlotte – EDS (O.S. support); { 2 Local System Administrators in Charlotte
> Fail-over machine in BellSouth Center
> Development & Test SMS in ATLANTA & B'ham

CNAM SPA

SCP in Network

Package resides on Network

Calling Name DaB.

Each has its own data.

XM Names on each SCP.

X.25 CIRCUITS – 2 going to each SCP { – Primary – Secondary

Update SCP with calling name data

357C 422C 85C

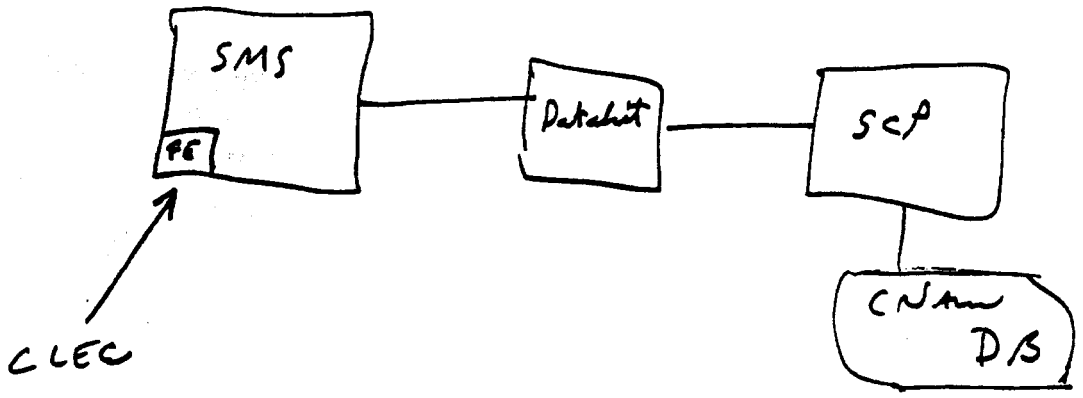
72 different network elements

– all have SMS data on it.

– Not all are CNAM

SMS – Datakit – SCP

JoAnn Hood.



To store their name & number.

B'ham - Data Center
ATL - BellSouth Center
Charlotte - Production (EDS supports)

S&T program SMS and CNAM

Steven Dial
404/529-2490
C+
C++
Oracle
43TA
65-3X

Rick Swanson
EDS [redacted] - System Administrator for SMS
444-8269

- AIN Service Center
  - Work trouble reports
  -
  - Claudia's person on her staff. < 1 person. 25 of time JG58

CRIS –

Send BS Calling Name Data –

– to SMS in Charlotte

Developer: for CRIS

George Smear, Compact Mgr.) in Shared & Proc. Factors

SMS

SMS D.B. CNAM D.B.

CIA D.B. RSAB D.B.

Get % CNAM use of SMS

=> Cluster

3-2-00

Ron Gardner 982-2349
in Debbie Sparks

Rick Swanson 444-8269
EDS System Administrator
for SMS in Bham
Data
Center.

Supports O.S. on
SMS machines (production)
in Charlotte.

2-24-00

Steve Dial 404-529-2890

SMS Access

CHUI – No customers using this access method, today.
- CNAM
- ICO's

} provided data over CHUI, no data storage.

GUI –
- No customers using it.
- ∴ no data storage
- 0% for data storage

For John Patterson

RICH TEXT
Subject: AIN/SMS Resource Allocation
Creator: Steven G. Dial /m6,mail6a

Dated: 2/24/00 at 8:45
Size: 3499 bytes

Sam,

Attached is the AIN/SMS resource allocation percentages. I've changed the format slightly to show the individual percentages for each service under the service groups, but the actual percentages have not changed. I have reviewed the list with Claudia. She did not request any changes. Claudia confirmed my opinion that LNP is a single service and cannot be broken down further.

Steven

2-23-00

Steve Dial 404-527-2890

LNP –

- Build Small D.B. of Ported Numbers
- Update D.B.
- Pass on data – with Queries

- Can't disaggregate the LNP services.

Call John Patterson –

REPLY
Subject: LNP Query Service
Sender: Daonne D. Caldwell /m6,mail6a

Dated: 2/18/00 at 17:52
Contents: 2

Item 1

TO: John A. Patterson /m2,mail2a; PHONE=404-529-5614
CC: Daonne D. Caldwell /m6,mail6a; PHONE=404-927-8000
Barbara G. Cobbs /m6,mail6a; PHONE=404-529-2775
Sam E. Gagliano /m3,mail3a; PHONE=205-977-0385
Sally L. Varner /m6,mail6a; PHONE=404-529-7906

Item 2

John,

Per our conversation:

Georgia 271 - do not directly assign computer costs and remove all Product Management, Advertising, etc. Just take the investment and expenses as is from the Federal filing and put in the Georgia 271 run. Remember these are interim rates.

Florida is different. We need to address LNP and the computer costs along with all the other UNEs we are considering.

I know this is short. Hope I got all your issues.

Daonne

RICH TEXT
Subject: AIN/SMS Percentages w/ Attachment
Creator: Steven G. Dial /m6,mail6a

Dated: 2/21/00 at 13:31
Size: 8980 bytes

Sam,

Attached is my first attempt at assigning percentages to the services supported by AIN/SMS. I have modified the list somewhat from the last list that I sent you. Some of the items have been consolidated, others have been dropped because they weren't actually services, but infrastructure type functionality required for other services and others were dropped because their implementation dates didn't appear to be in 2000.

In discussing the services with my people, I believe that the "LNP" category includes that functionality that you were interested in when you enquired about "LNP - Queries for Hire". This covers all CLEC LNP queries within the BellSouth region. NSPP would encompass queries for ported numbers outside of BellSouth's region.

Although I fell pretty good about this information, there are a couple of items that I would like to clarify with Claudia Holland when she returns from vacation on Wednesday. However, the CNAM, LNP and NSPP percentages are not ones that I feel the need to clarify further. Please feel free to go ahead and use them.

Hold off on advertising any percentages other that Caller Name, LNP and NSPPand I will get you a final list later this week.

Steven Dial

POD ITEM NO. 48
ATTACHMENT NO. 2
126 PAGES

This Transmittal is being filed on a streamlined basis on 15 days notice under Section 204(a)(3) of the Communications Act.

BELLSOUTH

BellSouth Telecommunications, Inc. 404 927-7515
Room 34S91
675 West Peachtree Street, N.E.
Atlanta, Georgia 30375

R. D. Boswell
Tariff Administrator

June 11, 1999

Transmittal No. 510

Secretary
Federal Communications Commission
Washington, D.C. 20554

Attention: Common Carrier Bureau

The accompanying tariff material, issued by BellSouth Telecommunications, Inc. (hereinafter BellSouth), and bearing Tariff F.C.C. No. 1, is sent to you for publication in compliance with Section 61.49 of the Commission's rules and the requirements of the Communications Act of 1934, as amended.

Scheduled to become effective June 26, 1999, this publication consists of tariff pages as indicated on the following Check Sheets:

Tariff F.C.C. No.	Check Sheet No.
1	404th Revised Page 1
	49th Revised Page 3
	128th Revised Page 4
	27th Revised Page 8.1

With this filing, BellSouth is making certain revisions to the rates and cost study for Local Number Portability (LNP) Database Services.

The original transmittal letter and check in the amount of $630.00 were provided to US Delivery Systems Mid-Atlantic for delivery to Mellon Bank, Pittsburgh, Pennsylvania on June 11, 1999. Acknowledgment of receipt of this transmittal is requested. A duplicate letter is enclosed for this purpose.

All official pleadings and related material concerning this filing may be directed to Mr. Richard Sbaratta, General Attorney, BellSouth Corporation, Suite 1700, 1155 Peachtree Street, Atlanta, Georgia 30309-3610 or faxed to Mr. Richard M. Sbaratta at (404) 249-2118.

All correspondence and inquiries in connection with this publication should be addressed to me at BellSouth Telecommunications, Inc., 34S91 BellSouth Center, 675 W. Peachtree Street, N.E., Atlanta, Georgia 30375.

Yours truly,

R. D. Boswell
Tariff Administrator

BELLSOUTH TELECOMMUNICATIONS, INC.
LONG-TERM TELEPHONE NUMBER PORTABILITY

DESCRIPTION AND JUSTIFICATION

TRANSMITTAL NO. 510

This transmittal revises material originally filed under Transmittal No. 502, on April 30, 1999, which introduced BellSouth's Long-Term Telephone Number Portability services. The following changes are made to Transmittal No. 502 by this filing:

1) Removes the following cost factors :
   a) Supporting Equipment and Power (changed to a factor of 1.000)
   b) Spare Stock (changed to a factor of 1.000)
   c) Land (changed to zero)
   d) Building (changed to zero)
   e) Pole (changed to zero)
   f) Conduit (changed to zero)

1) Removes costs for the following OSS systems:
   a) CABS
   b) CARE
   c) CRIS
   d) DOE/DSAP
   e) HAL
   f) IBIS
   g) IBISDI
   h) ISP
   i) LEACS
   j) LIST
   k) MISOP
   l) RIGHTTOUCH
   m) RNS
   n) RSAG
   o) SNECS
   p) SOCS
   q) SOER
   r) SONGS
   s) VNS
   t) DBASEII
   u) ITE/SG
   v) MYNAH
   w) NSDB

x)	WFA/C
y)	LMOS HOST
z)	LNP Automation
aa)	LNP TA
bb)	Miscellaneous OSS (Includes costs for COFFI, DDNS, DOE/DSAP, E911, ORION, LIST, PSIMS, RELOG, RICC, RSAG, TAFI, TCN, TIRKS/GTAS, LIDB, LMOS-FE, LMOS/HOST, SSCAS, MTS/APRIL, MATV.)
cc)	MTS/APRIL
dd)	K2 Upgrade
ee)	PREDICTOR
ff)	ARTS
gg)	MATV
hh)	ROS (Overture/ROS)
ii)	ALRU (LMOS HOST – ALRU)
jj)	NTMOS
kk)	TNM
ll)	MTAS
mm)	VERBATIM

1) Applies overhead loading factor of 1.0398 to Call Routing Service and Query Service.
2) Introduces single rate for Query Service of $0. 000448 per query.
3) Reduces Call Routing Service rate to $0.001761 per call.
4) Reduces LNP End User Line Charge to $0.35.
5) Clarifies that LNP Call Routing Charge is applied per completed call delivered to an NPA-NXX only when one or more numbers has been ported in that NPA-NXX.

Entire Section

(pages 5 - 117)

Proprietary

ACCESS SERVICE
CHECK SHEET

The Title Page and Pages 1 to 22-27 and Supplement Nos. 101 and 102 inclusive of this tariff are effective as of the date shown.

Page	Number of Revision Except as Indicated	Page	Number of Revision Except as Indicated	Page	Number of Revision Except as Indicated
Title	2nd	31	8th	73	5th
1	404th*	31.1	5th	74	7th
2	128th	32	7th	74.1	4th
2.1	8th	33	6th	75	9th
3	49th*	34	4th	75.1	7th
3.1	3rd	35	3rd	75.2	9th
4	128th*	36	5th	75.2.1	Original
4.1	1st	37	4th	76	5th
5	93rd	38	8th	77	1st
5.1	36th	39	5th	1-1	4th
6	78th	40	7th	2-1	2nd
6.1	14th	41	2nd	2-2	4th
7	83rd	42	6th	2-3	Original
8	48th	43	9th	2-4	Original
8.1	27th*	44	7th	2-5	4th
9	6th	45	7th	2-6	1st
10	Original	46	6th	2-7	1st
11	7th	47	2nd	2-8	Original
12	12th	48	3rd	2-9	Original
12.1	4th	49	7th	2-10	Original
13	12th	50	5th	2-11	Original
14	5th	51	6th	2-12	8th
14.1	2nd	52	4th	2-12.1	7th
15	8th	53	4th	2-12.2	5th
16	3rd	54	8th	2-13	7th
17	11th	55	8th	2-13.1	1st
18	11th	56	5th	2-14	8th
18.1	4th	57	4th	2-15	10th
19	5th	58	4th	2-15.1	Original
20	10th	59	5th	2-16	11th
21	12th	60	9th	2-17	9th
21.1	Original	61	3rd	2-17.1	5th
22	22nd	62	6th	2-18	6th
22.1	3rd	63	3rd	2-18.1	5th
23	5th	63.1	3rd	2-18.2	5th
24	7th	64	4th	2-18.3	4th
25	9th	65	7th	2-18.4	2nd
26	Original	66	3rd	2-19	2nd
27	3rd	67	7th	2-20	5th
27.0.1	2nd	67.1	2nd	2-21	1st
27.1	3rd	68	4th	2-22	3rd
27.2	6th	69	4th	2-23	2nd
27.3	3rd	70	5th	2-24	1st
27.4	3rd	70.1	1st	2-24.1	Original
28	6th	71	6th	2-25	1st
29	7th	72	8th	2-26	1st
30	2nd	72.1	5th		

* New or Revised Page

****

ACCESS SERVICE
CHECK SHEET

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6-2	4th	6-27	11th	6-68	3rd
6-3	7th	6-27.0.1	Original	6-69	6th
6-3.1	1st	6-27.1	7th	6-70	2nd
6-4	7th	6-27.2	Original	6-71	3rd
6-5	4th	6-27.3	Original	6-72	3rd
6-6	7th	6-28	10th	6-73	3rd
6-7	11th	6-28.1	3rd	6-74	7th
6-8	11th	6-29	8th	6-75	7th
6-9	5th	6-30	4th	6-75.1	10th
6-10	5th	6-31	4th	6-75.2	8th
6-11	8th	6-32	4th	6-75.3	3rd
6-11.1	5th	6-33	5th	6-75.4	4th
6-11.2	5th	6-34	5th	6-75.5	2nd
6-11.3	2nd	6-34.1	4th	6-75.6	1st
6-11.4	4th	6-35	4th	6-75.7	1st
6-12	5th	6-36	6th	6-75.8	Original
6-12.1	6th	6-37	5th	6-75.9	Original
6-13	7th	6-38	5th	6-75.10	Original
6-14	6th	6-39	5th	6-75.11	Original
6-15	5th	6-40	4th	6-75.12	Original
6-16	5th	6-41	6th	6-75.13	2nd*
6-17	5th	6-42	5th	6-75.14	1st
6-18	5th	6-43	5th	6-75.15	Original
6-18.1	7th	6-44	4th	6-75.16	Original
6-19	6th	6-45	7th	6-75.17	Original
6-20	6th	6-46	10th	6-75.18	Original
6-21	7th	6-47	8th	6-75.19	Original
6-22	8th	6-48	9th	6-75.20	Original
6-22.1	5th	6-49	11th	6-76	6th
6-23	4th	6-50	9th	6-77	6th
6-23.1	3rd	6-51	8th	6-77.1	5th
6-24	7th	6-52	9th	6-78	6th
6-25	9th	6-52.0.1	Original	6-78.1	3rd
6-25.1	6th	6-52.1	5th	6-79	6th
6-25.2	4th	6-53	7th		
6-25.3	8th	6-53.1	5th		
6-25.3.1	2nd	6-54	6th		
6-25.4	3rd	6-55	9th		
6-25.5	3rd	6-56	1st		
6-25.6	4th	6-57	5th		
6-25.7	2nd	6-58	3rd		
6-25.8	Original	6-58.1	1st		
6-25.9	Original	6-59	4th		
6-25.10	Original	6-60	4th		
6-25.11	Original	6-61	3rd		
6-25.12	Original	6-62	5th		
6-25.13	Original	6-63	3rd		
6-25.14	Original	6-64	6th		
6-25.15	Original	6-65	4th		
6-25.16	Original	6-66	3rd		

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6-112	4th	6-146	4th	6-159.1	5th
6-113	6th	6-147	5th	6-159.1.1	5th
6-114	1st	6-148	5th	6-159.1.1.1	4th
6-115	4th	6-149	4th	6-159.1.2	3rd
6-116	1st	6-150	5th	6-159.1.3	2nd
6-117	1st	6-151	4th	6-160	5th
6-118	5th	6-151.1	2nd	6-160.1	4th
6-119	6th	6-152	5th	6-160.2	4th
6-120	5th	6-152.1	2nd	6-160.3	1st
6-121	7th	6-153	7th	6-160.4	1st
6-122	2nd	6-153.1	1st	6-160.5	1st
6-123	1st	6-154	8th	6-160.6	1st
6-124	2nd	6-154.1	Original	6-160.7	2nd
6-125	4th	6-155	7th	6-160.8	2nd
6-125.1	7th*	6-155.1	2nd	6-160.9	2nd
6-125.2	2nd*	6-155.2	3rd	6-160.10	1st
6-126	14th	6-156	11th	6-160.11	2nd
6-126.1	8th	6-157	12th	6-161	22nd
6-126.2	4th	6-157.1	5th	6-162	5th
6-127	3rd	6-157.1.0.1	Original	6-163	5th
6-128	5th	6-157.1.0.2	1st	6-164	5th
6-129	11th	6-157.1.0.3	Original	6-164.1	11th
6-130	11th	6-157.1.1	5th	6-165	7th
6-130.1	5th	6-157.1.1.1	3rd	6-165.1	1st
6-130.2	6th	6-157.1.2	3rd	6-165.2	1st
6-130.3	4th	6-157.1.2.1	2nd	6-166	6th
6-130.4	Original	6-157.1.3	6th	6-167	5th
6-131	4th	6-157.1.3.1	3rd	6-168	6th
6-132	9th	6-157.1.4	4th	6-169	9th
6-133	10th	6-157.1.5	4th	6-170	5th
6-134	10th	6-157.2	7th	6-171	5th
6-135	8th	6-157.2.1	5th	6-172	6th
6-136	7th	6-157.2.2	5th	6-173	5th
6-137	7th	6-157.2.3	6th	6-174	3rd
6-138	6th	6-157.2.4	5th	6-175	4th
6-139	5th	6-157.2.5	5th	6-176	17th
6-140	4th	6-157.2.6	5th	6-177	9th
6-141	4th	6-157.2.6.1	1st	6-177.1	4th
6-141.1	2nd	6-157.2.7	8th	6-178	6th
6-142	5th	6-157.2.8	8th	6-178.1	6th
6-143	1st	6-157.3	2nd	6-178.2	2nd*
6-144	4th	6-158	5th		

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ACCESS SERVICE

CHECK SHEET

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13-1.1	2nd	13-46	4th	13-76.9	2nd
13-2	4th	13-47	3rd	13-76.10	1st
13-3	1st	13-48	1st	13-76.11	Original
13-4	1st	13-49	1st	13-76.12	Original
13-5	3rd	13-50	2nd	13-76.13	1st*
13-6	4th	13-51	1st	13-77	Original
13-7	5th	13-52	1st	14-1	2nd
13-8	5th	13-53	1st	15-1	1st
13-9	5th	13-54	1st	15-2	1st
13-10	6th	13-55	Original	15-3	1st
13-10.1	4th	13-56	Original	15-4	1st
13-11	10th	13-57	Original	15-5	Original
13-11.1	4th	13-58	Original	15-6	1st
13-12	8th	13-59	Original	15-7	1st
13-12.1	4th	13-60	1st	15-8	1st
13-13	8th	13-61	5th	15-9	1st
13-14	6th	13-62	3rd	15-10	Original
13-15	3rd	13-63	3rd	15-11	1st
13-16	4th	13-64	3rd	15-12	1st
13-17	3rd	13-65	2nd	15-13	1st
13-18	Original	13-66	2nd	15-14	1st
13-19	Original	13-67	3rd	15-15	1st
13-20	Original	13-68	2nd	15-16	Original
13-21	Original	13-69	5th	15-17	Original
13-22	Original	13-70	4th	15-18	1st
13-23	1st	13-71	5th	15-19	1st
13-24	Original	13-72	1st	15-20	1st
13-25	Original	13-73	1st	16-1	2nd
13-26	2nd	13-74	2nd	16-1.1	Original
13-27	4th	13-74.1	3rd	16-2	2nd
13-28	4th	13-74.2	2nd	16-3	1st
13-29	4th	13-74.3	3rd	17-1	Original
13-30	1st	13-74.4	4th	18-1	4th
13-31	1st	13-74.5	3rd	18-2	5th
13-32	1st	13-74.6	3rd	18-3	8th
13-33	1st	13-74.7	3rd	18-4	1st
13-34	1st	13-74.8	3rd	18-5	1st
13-35	1st	13-74.9	3rd	18-6	1st
13-36	1st	13-74.10	3rd	18-7	10th
13-37	1st	13-75	7th	19-1	7th
13-38	1st	13-76	2nd	19-2	3rd
13-39	1st	13-76.1	2nd	19-3	4th
13-40	1st	13-76.2	5th	19-3.1	4th
13-41	1st	13-76.3	2nd	19-3.2	4th
13-42	1st	13-76.4	1st	19-4	2nd
13-43	2nd	13-76.5	2nd	19-5	4th
13-44	3rd	13-76.6	Original	19-6	3rd
13-45	3rd	13-76.7	1st	19-7	3rd

*New or Revised Page

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ACCESS SERVICE

6 - BellSouth SWA Service (Cont'd)

6.2 Provision and Description of BellSouth SWA Service Arrangements (Cont'd)

6.2.11 BellSouth Local Number Portability Database Services (Cont'd)

(A) General

BellSouth Local Number Portability ("LNP") Database Services are services that use Advanced Intelligent Network ("AIN") technology to query a database to secure network routing instructions before completion of a call. The database contains information about end users who have ported their local service. At a minimum, the database contains the Location Routing Number ("LRN") which identifies the Local Service Provider "LSP") switch serving each ported end user. Where more than one carrier is involved in completing the call, the carrier just before the terminating carrier (i.e., the N-1 Carrier) is responsible for querying the database to secure the LRN, using SS7 Transaction Capability Application Part ("TCAP").

(B) BellSouth LNP Query Service

N-1 wireline and wireless telecommunications carriers ("Carriers") with a local number portability capable switch may subscribe to the BellSouth LNP Query Service. The Telephone Company will assess Carriers subscribing to the LNP Query Service a charge for each query to the database. To obtain BellSouth LNP Query Service, the customer must order new or use existing CCS7 Signaling Connections and Terminations as described in 6.1.3(C) preceding.

(C) BellSouth LNP Call Routing Service

N-1 Carriers who do not have an LNP capable switch, or for other reasons have not performed the necessary LNP database query, will be assessed a LNP Call Routing charge for each such completed call delivered to an NPA-NXX on BellSouth's network when one or more numbers has been ported in that NPA-NXX. BellSouth's end office or access tandem switch will suspend call processing and launch a query to the Telephone Company database when the necessary database query has not been performed by the N-1 Carrier. The routing information is then returned to the originating end office or access tandem switch for subsequent call processing. (T) (T)

(D) Service Availability

BellSouth LNP Database services will initially be deployed in Atlanta, Georgia and subsequently in BellSouth's remaining 20 Metropolitan Statistical Areas (MSAs), on a switch specific basis as published in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4. If Local Number Portability is subsequently deployed in other areas, BellSouth LNP Database services will be made available in those areas.

****

ACCESS SERVICE

6 - BellSouth SWA Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(B) Usage Rates

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

(1) BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service

A per call charge, as specified in 6.8.10 following, applies for each completed query. A completed query is when an 800 call utilizes BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service and for which a BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service customer is identified.

Credits will be provided for BellSouth SWA Common Transport and Access Tandem Switching charges associated with BellSouth SWA FGD or BellSouth SWA TSBSA 3 service for 888 dialed Toll Free Dialing traffic delivered at the tandem from an end office which is 800 Service Switching Point (SSP) equipped but not 888 SSP equipped if the customer has direct BellSouth SWA FGD or BellSouth SWA TSBSA 3 trunks to that end office.

(2) BellSouth SWA 500 Service

A per call charge, as specified in 6.8.10 following, applies for each 500 call.

(3) BellSouth Local Number Portability Database Services

(a) The rates associated with BellSouth LNP Database services are usage based and will be billed on a monthly basis. The BellSouth LNP Query Service charge will be applied to each subscribing Carrier query to the database. The BellSouth LNP Call Routing Service rate will be applied to each call delivered from a non-subscribing Carrier to a Telephone Company end office or access tandem switch requiring a query, which is subsequently completed to the end user. (T) (T) (T)

(D) (D) (D) (D) (D)

(D) (D) (D) (D)

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ACCESS SERVICE

6 - BellSouth SWA Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(B) Usage Rates (Cont'd)

(3) BellSouth Local Number Portability Database Services (Cont'd)

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ACCESS SERVICE

13 - Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.21 BellSouth Local Number Portability End User Line Charge (Cont'd)

(E) Rates and Charges

- BellSouth Local Number Portability End User Line Charge

ALL STATES	USOC	Rate Per Month	
(1) Primary Business Local Exchange service Line or trunk, Primary Residence Local Exchange service line or trunk, Unbundled Network Element ("UNE") switch port, Feature Group A ("FGA") line (Toll Guide account), Basic Rate ISDN Digital Subscriber line (ISDN BRI), and Payphone Service Provider line, (including Reseller, FX and FCO), each	LNPCX	$0.35	(R)
(2) PBX Trunk (including Reseller, FX and FCO), each	LNPCP	$3.15	(R)
(3) Primary Rate ISDN Interface (ISDN PRI), (including Reseller, FX and FCO), per Interface	LNPCN	$1.75	(R)
(4) Centrex Type Services, (including Reseller, FX and FCO), per station line	LNPCC	$0.35	(R)

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BELLSOUTH TELECOMMUNICATIONS, INC.

FPSC DKT NO 990649-TP

STAFF'S 8TH REQUEST FOR PRODUCTION OF DOCUMENTS

POD NO. 52

PROPRIETARY

POD Item No. 52
Attachment 1

Entire Document

Proprietary

BELLSOUTH TELECOMMUNICATIONS, INC.

FPSC DKT NO 990649-TP

STAFF'S 8TH REQUEST FOR PRODUCTION OF DOCUMENTS

POD NO. 58

PROPRIETARY

BELLSOUTH TELECOMMUNICATIONS TPIs
OCTOBER 1998 FORECAST ASSUMPTIONS

	PRICE INDEX NONRESIDENTIAL STRUCTURES	CHAIN PRICE INDEX GDP	GDP 1992$	CAPITAL EQUIPMENT PPI	UNION WAGES	COPPER CATHODE PPI	PVC PPI	SEMICOND. PPI
1994								
1995								
1996								
1997								
1998								
1999								
2000								
2001								
2002								
2003								
2004								
2005								
2006								
2007								

BELLSOUTH TELECOMMUNICATIONS, INC.

FPSC DKT NO 990649-TP

STAFF'S 8TH REQUEST FOR PRODUCTION OF DOCUMENTS

POD NO. 60

PROPRIETARY

AT&T Intrng

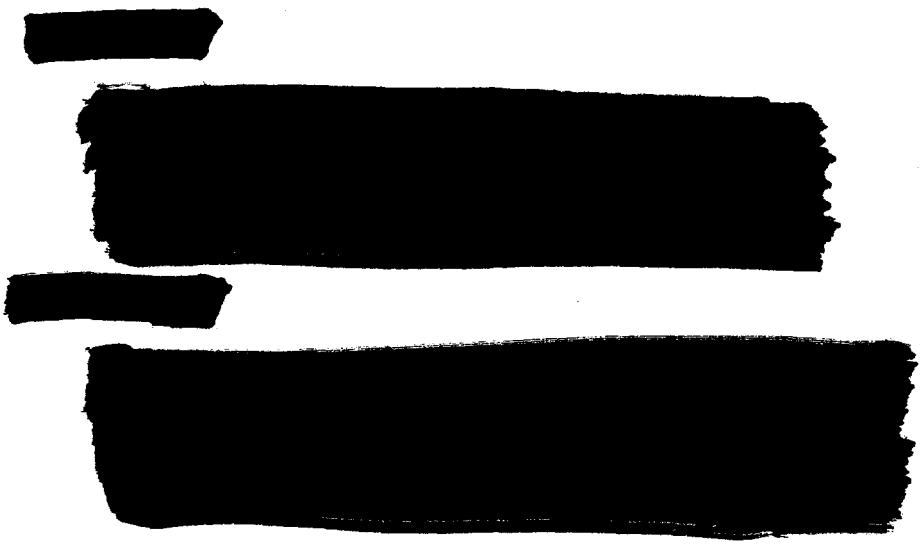
45 th
46 th
47 th
48 th
49 th

AT&T PODs

45 th
46 th
47 th
48 th
49 th
410 th

Cbands 1st Intrng + POD

REQUEST: With respect to BellSouth's answer to POD Item 69, specifically in the capacity column of the hardware study, please provide a tracing of the stated values back to the vender-provided information for the following values that are not traced back to the stated sources:



RESPONSE: A. See Attachment No. 1.

B. See Attachment No. 2.

RESPONSE PROVIDED BY:

Reginald Starks
Director
675 West Peachtree Street
Atlanta, Georgia 30375

Item No. 192
Attachment No. 1
PROPRIETARY

Item No. 192
Attachment No. 2
PROPRIETARY

BELLSOUTH TELECOMMUNICATIONS, INC.

FPSC DKT NO 990649-TP

AT&T'S 9TH REQUEST FOR PRODUCTION OF DOCUMENTS

POD NO . 71

PROPRIETARY

a	b	c		d	e	f	g	h	i
Item	**Switch**	**Feature Hardware**	**PEC**	**Vintage Date (YYYY)**	**Material Only Cost ($)**	**(EF&I) Engineered Furnished & Installed Cost ($)**	**Capacity**	**Capacity Units**	**BellSouth Utilization**
1	DMS	3 Point Conference Circuit	NT1X81AA Conference Trunk Module CP	2000	[redacted]		10 3-port circuits per circuit pack	CCS (3 port=Orig. lines CCS x % of Orig. Calls requiring 3 ports	per SCM
2	DMS	6 Point Conference Circuit	NT1X81AA Conference Trunk Module CP	2000			5 6-port circuits per circuit pack	CCS (3 port=Orig. lines CCS x % of Orig. Calls requiring 3 ports	per SCM
3	DMS	30 Second Announcement	NT1X80AA Enhanced Digitally Recorded Announcement Mach	2000			4.3 minutes announcement time	30 announcement channels for playback/recording	per SCM
4	DMS	60 Second Announcement	NT1X80AA Enhanced Digitally Recorded Announcement Mach	2000				30 announcement channels for playback/recording	per SCM
5	DMS	Metallic Access Point	NT3X09BA 8X8 Matrix CP	2000			8x8 matrix circuit pack (CP)	4 LCM assignments per circuit pack or 8 SMS/SMU sites per CP	
6	DMS	Scan Point	NT0X10AA Misc Scanner	2000			14 scan points per circuit pack (CP)		
7	DMS	Signal Distributor Point	NT2X57AA SD Card I	2000			14 signal distribution points per CP		
8	DMS	Recorded Announcement for Coin	NT1X80AA Enhanced Digitally Recorded Announcement Mach	2000				30 announcement channels for playback/recording	per SCM
9	DMS	XAT Channel Investment							
10	DMS	Voice Coupler							
11	DMS	Announcement/Music Trunk	NT2X88AA 4W INC/OG 600 E&M MF/DP	2000			2 circuits per CP; takes up 1 MTM slot	Outside music source connected to DMS via trunk	
12	DMS	Tone Circuit	NT6X70AA Continuity Tone Detector	2000			2 circuit packs per DTC	Performs continuity check on CCIS trunks	
13	DMS	Transmitter Circuit Cost							
14	DMS	Modems							

BELLSOUTH TELECOMMUNICATIONS, INC.

FPSC DKT NO 990649-TP

AT&T'S 9TH REQUEST FOR PRODUCTION OF DOCUMENTS

POD NO . 69

PROPRIETARY

a	b	c		d	e	f	g	h	I
Item	**Switch**	**Feature Hardware**	**5ESS Hardware**	**Vintage Date (YYYY)**	**Material Only Cost ($)**	**(EF&I) Engineered Furnished & Installed Cost ($)**	**Capacity**	**Capacity Units**	**BellSouth Utilization**
1	5ESS	3 Point Conference Circuit	GDSF Ckt Pack	2000	[redacted]	[redacted]	(42) 3-port conf ckt	Note 1, 5	
2	5ESS	6 Point Conference Circuit	GDSF Ckt Pack	2000			(21) 6-port conf ckt	Note 1, 5	
3	5ESS	30 Second Announcement	16A BLD3 CP	2000			(8) 60 sec ann	Note 2, 5	
4	5ESS	60 Second Announcement	16A BLD3 CP	2000			(8) 60 sec ann	Note 2, 5	
5	5ESS	DSU2/RAF BRCS	SAS svs grp	2000			10MB memory	Note 3, 5	
6	5ESS	Announcement/Music Trunk	STSX-1 KTU1 CP	2000			(28) DS1 ckt	Note 4, 5	

NOTES

1- The GDSF ckt pack can be programed for a combination of 3 & 6 port conf, ISTF and TTF functions. The capacity shown is the maximum qty of each type conference ckt supported on a dedicated GDSF pack. The GDSF mounts in a DSU3 unit. A DSU3 can support up to (4) GDSF packs, but is not usually fully equipped. The DSU3 has (6) slots available for packs, the first (2) are required for LDSF function(1st unit), leaving (4) for possible GDSF packs.

2- The 16A announcement unit requires (1) T1 ckt and supports (3) 8-channel announcement ckt packs. The loaded price shown is for (1) 8 channel 60 second rec ann ckt pack with remote record option.The loaded price includes (when required) a misc cabinet and/or 16A ann unit. Not included in the pricing is the associated T1 trunk that is required for each 16A ann unit.

3- The RAF service announcements have been replaced by SAS service announcements. The pricing reflects a loaded price for (1) SAS BRCS service group. A DSU2 can support up to (4) SAS service groups.

4- The KTU1 circuit pack mounts on a DNU-S and supports 28 DS1s in a STSX-1 format.

5- This is a loaded pricing ***estimate*** and includes an average price of associated office resources required to add this equipment.

BELLSOUTH TELECOMMUNICATIONS, INC.

FPSC DKT NO 990649-TP

AT&T'S 10TH REQUEST FOR PRODUCTION OF DOCUMENTS

POD NO. 73

PROPRIETARY

Subject: UNE cost study - vertical features hardware cost

This is to request average EF&I cost and utilization information on switch hardware to support switch "vertical features."

This information will be used to develop cost studies for de-averaging the unbundled network elements (UNE) that BellSouth provides to the competitive local exchange company (CLEC) in Florida.

We are interested in getting an average cost by hardware type by Vendor.

We need the information by January 26, 2000

Point of contact in BellSouth Cost Matters is E. Jeff Shadrick, 404-529-2922, e-mail, e.j.shadrick@bridge.bellsouth.com

Please call me at 404-529-2922 if you have a question.

Thanks for your assistance, Jeff Shadrick

BellSouth - Cost Matters
Room 30-B-49
675 West Peachtree Street
Atlanta, GA 30375

a	b	c		d	e	f	g	h	I
Item	**Switch**	**Feature Hardware**	**5ESS Hardware**	**Vintage Date (YYYY)**	**Material Only Cost ($)**	**(EF&I) Engineered Furnished & Installed Cost ($)**	**Capacity**	**Capacity Units**	**BellSouth Utilization**
1	5ESS	3 Point Conference Circuit	GDSF Ckt Pack	2000	[redacted]	[redacted]	(42) 3-port conf ckt	Note 1, 5	
2	5ESS	6 Point Conference Circuit	GDSF Ckt Pack	2000			(21) 6-port conf ckt	Note 1, 5	
3	5ESS	30 Second Announcement	16A BLD3 CP	2000			(8) 60 sec ann	Note 2, 5	
4	5ESS	60 Second Announcement	16A BLD3 CP	2000			(8) 60 sec ann	Note 2, 5	
5	5ESS	DSU2/RAF BRCS	SAS svs grp	2000			10MB memory	Note 3, 5	
6	5ESS	Announcement/Music Trunk	STSX-1 KTU1 CP	2000			(28) DS1 ckt	Note 4, 5	

NOTES

1- The GDSF ckt pack can be programed for a combination of 3 & 6 port conf, ISTF and TTF functions. The capacity shown is the maximum qty of each type conference ckt supported on a dedicated GDSF pack. The GDSF mounts in a DSU3 unit. A DSU3 can support up to (4) GDSF packs, but is not usually fully equipped. The DSU3 has (6) slots available for packs, the first (2) are required for LDSF function(1st unit), leaving (4) for possible GDSF packs.

2- The 16A announcement unit requires (1) T1 ckt and supports (3) 8-channel announcement ckt packs. The loaded price shown is for (1) 8 channel 60 second rec ann ckt pack with remote record option.The loaded price includes (when required) a misc cabinet and/or 16A ann unit. Not included in the pricing is the associated T1 trunk that is required for each 16A ann unit.

3- The RAF service announcements have been replaced by SAS service announcements. The pricing reflects a loaded price for (1) SAS BRCS service group. A DSU2 can support up to (4) SAS service groups.

4- The KTU1 circuit pack mounts on a DNU-S and supports 28 DS1s in a STSX-1 format.

5- This is a loaded pricing ***estimate*** and includes an average price of associated office resources required to add this equipment.

DMS

Equipment	Material $	Discount Rate	E&I	Total	Capacity (per CCS)	$/Unit	Utilization	Utilized Investment	Source
Variable Announcement	[redacted]				77.4	$ [redacted]	85%	$ [redacted]	Nortel
6-port Conference Circuit					105	$	85%	$	Nortel
3-port Conference Circuit					210	$	85%	$	Nortel
Call Waiting Tone					18	$	85%	$	SCIS/IN
Average								$	

5ESS

Equipment	Material $	Discount Rate	E&I	Total	Capacity (per CCS)	$/Unit	Utilization	Utilized Investment	
30-Second Announcement	[redacted]				288	$ [redacted]	85%	$ [redacted]	Lucent
60-Second Announcement					288	$	85%	$	Lucent
DSU2/RAF/BRCS					300	$	85%	$	Lucent
6-port Conference Circuit					420	$	85%	$	Lucent
3-port Conference Circuit					840	$	85%	$	Lucent
Average								$	

Equipment	Material $	Discount Rate	E&I	Total	Capacity (per CCS)	$/Unit	Utilization	Utilized Investment	
DMS									
Class Modem Card	[redacted]				76.80	$ [redacted]	85%	$ [redacted]	SCIS/IN

BELLSOUTH TELECOMMUNICATIONS, INC.

FPSC DKT NO 990649-TP

AT&T'S FIFTH REQUEST FOR PRODUCTION OF DOCUMENTS

POD NO. 62

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COVAD'S 1ST REQUEST FOR PRODUCTION OF DOCUMENTS

POD NO. 1

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POD Item No. 1
Attachment No. 1
17 Pages

[redacted]

ENTIRE

Document