ORIGINAL

ATTACHMENT B

BellSouth Telecommunications, Inc.
FPSC Docket 960833-TP
Caldwell/Zarakas Supplemental Late Filed
Deposition Exhibit No 16
Request for Confidential Classification
Page 1
2/18/98

REQUEST FOR CONFIDENTIAL CLASSIFICATION Of Data Filed As Caldwell/Zarakas Supplemental Late Filed Deposition Exhibit No. 16 on January 28, 1998 IN DOCKETS 960833-TP, 960846-TP, 960757-TP, 971140-TP AND 960916-TP

2 REDACTED COPIES OF MATERIAL

FOR

PUBLIC RECORD

ACK
AFA
APP
CAF
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REDACTED

The following information is proprietary;

PAGE NUMBER	COLUMN	LINE NUMBER
2		15-21
3	7	
4	6	
5	4-7	
6-11	E & F	
12	E	
13-18	E & F	
19	E	
20-21	E & F	
22	E	
23-24	E & F	
26	H & I	
27	I - M	
28	I - O	
29	I & J	
30	I & J	
31	D	18 -19
32	D	37
33	D & E	27
34	D & E	35
35	D	33
36	D	33
38	H & I	
39	I,K,M & O	
40	I,K,M & O	
41	I & J	14 -16
42	I & J	18-20
43	D & E	37
44	D & E	35
45	D	49
46	D	18 & 19
47	D & E	33
49	H & I	
50	I,J,K,M,N & O	
51 - 54	I - O	
55 - 56	H - J	
57	D	37
58	D	28
59	D	16
60	D	37
61	D	49
62	D	33
63	D	28
64	D	35
65	D	49
66	D	33

TRACE OF $[redacted]

FRC 357 06 THROUGH SONET

AND CONTRACTS FOR

FL. G.6.3.

TELRIC INPUT FORM - MATERIAL/INVESTMENT DATA

Instructions:

1. Use this worksheet to record material and/or investments to be input into the TELRIC calculations.
2. All amounts shown are per unit (e.g., per call, per loop, per MOU).
3. Input data, by Cost Element, leaving no blank lines. On next row after last line of data, type END in Cost Element Column.
4. All data on this form should be cell-referenced to study workpapers.
5. Do NOT change columns, headings, sheet name.

State	Cost Element #	FRC	Sub FRC	Volume Sensitive $ Amount	Volume Insensitive $ Amount
FL	G.6.3	357C	03	$ -	
FL	G.6.3	357C	06	$	
FL	G.6.3	357C	09	$	
FL	G.6.3	357C	15	$	
FL	G.6.2	822C	00	$	
FL	G.6.2	845C	00	$	
FL	G.6.2	85C	00	$	
	END				

OUTPUT FROM UNE STUDY TO TELRIC ENGINE

C.O. CONNECTION

State	Nvst Basis	Invst Type	FRC	Sub-Frc	Fundamental	Total Mat Price
Florida	DS1	H	357C	03	C.O. Connection STS-1 on OC- 3	
Florida	DS1	P	357C	06	C.O. Connection STS-1 on OC- 3	
Florida	DS1	H	357C	03	C.O. Connection STS-1 on OC-12	
Florida	DS1	P	357C	06	C.O. Connection STS-1 on OC-12	
Florida	DS1	P	357C	06	C.O. Connection STS-1 on OC-48 - Mux & Protect	
Florida	DS1	H	357C	03	C.O. Connection STS-1 on OC-48 - Working	
Florida	DS1	P	357C	09	C.O. Connection STS-1 on OC-48 - Working	
					C.O. INTERFACE	
Florida	DS1	P	357C	06	C.O. Interface DS1 on OC- 3 - Mux & Protect	
Florida	DS1	H	357C	03	C.O. Interface DS1 on OC- 3 - Working	
Florida	DS1	P	357C	09	C.O. Interface DS1 on OC- 3 - Working	
Florida	DS1	H	357C	03	C.O. Interface DS1 on OC-12 - Mux & Protect	
Florida	DS1	P	357C	06	C.O. Interface DS1 on OC-12 - Mux & Protect	
Florida	DS1	H	357C	03	C.O. Interface DS1 on OC-12 - Working	
Florida	DS1	P	357C	09	C.O. Interface DS1 on OC-12 - Working	
Florida	DS1	H	357C	03	C.O. Interface DS1 on OC-48 - Mux & Protect	
Florida	DS1	P	357C	06	C.O. Interface DS1 on OC-48 - Mux & Protect	
Florida	DS1	H	357C	03	C.O. Interface DS1 on OC-48 - Working	
Florida	DS1	P	357C	09	C.O. Interface DS1 on OC-48 - Working	
					C.O. NODE	
Florida	DS1	H	357C	03	C.O. Node - OC- 3	
Florida	DS1	P	357C	06	C.O. Node - OC- 3	
Florida	DS1	H	357C	03	C.O. Node - OC- 3 Term	
Florida	DS1	P	357C	06	C.O. Node - OC- 3 Term	
Florida	DS1	H	357C	03	C.O. Node - OC- 3+	
Florida	DS1	P	357C	06	C.O. Node - OC- 3+	
Florida	DS1	H	357C	03	C.O. Node - OC-12	
Florida	DS1	P	357C	06	C.O. Node - OC-12	
Florida	DS1	H	357C	03	C.O. Node - OC-48 (BLSR) Intermediate	
Florida	DS1	P	357C	06	C.O. Node - OC-48 (BLSR) Intermediate	
Florida	DS1	H	357C	03	C.O. Node - OC-48 BLSR	
Florida	DS1	P	357C	06	C.O. Node - OC-48 BLSR	
Florida	DS1	M	357C	15	Data Communications - OC- 3	
Florida	DS1	M	357C	15	Data Communications - OC-12	
Florida	DS1	M	357C	15	Data Communications - OC-48	
Florida	DS1	M	822C	00	Aerial Fiber - Per Wgtd Fiber Mile - OC- 3 (IO)	
Florida	DS1	M	822C	00	Aerial Fiber - Per Wgtd Fiber Mile - OC-12 (IO)	
Florida	DS1	M	822C	00	Aerial Fiber - Per Wgtd Fiber Mile - OC-48 (BLSR)(IO)	
Florida	DS1	M	845C	00	Buried Fiber - Per Wgtd Fiber Mile - OC- 3 (IO)	
Florida	DS1	M	845C	00	Buried Fiber - Per Wgtd Fiber Mile - OC-12 (IO)	
Florida	DS1	M	845C	00	Buried Fiber - Per Wgtd Fiber Mile - OC-48 (BLSR)(IO)	
Florida	DS1	M	85C	00	UG Fiber - Per Wgtd Fiber Mile - OC- 3 (IO)	
Florida	DS1	M	85C	00	UG Fiber - Per Wgtd Fiber Mile - OC-12 (IO)	
Florida	DS1	M	85C	00	UG Fiber - Per Wgtd Fiber Mile - OC-48 (BLSR)(IO)	

Service:
Type study: Unbundled Interoffice Transport-Dedicated
Transport Level: DS1
Date: 16-Oct-97
State: Florida FL

	Source	Nvst Basis	FRC	SUB-FRC	SONET Price Calculator	Total Material	Design 1	Design 2	Design 3	Design 4	Design 5	Design 6	Design 7	Design 8	Design 9	Design 10	Design 11	Design 12	Design 13	
1	SONET Price Calculator	DS1	357C	03	C.O. Connection STS-1 on OC-3	$										1	1			
2	SONET Price Calculator	DS1	357C	06	C.O. Connection STS-1 on OC-3	$										1	1			
3	SONET Price Calculator	DS1	357C	03	C.O. Connection STS-1 on OC-12	$					1		2				1			
4	SONET Price Calculator	DS1	357C	06	C.O. Connection STS-1 on OC-12	$					1		2				1			
5	SONET Price Calculator	DS1	357C	06	C.O. Connection STS-1 on OC-48 - Mux & Prot.	$		2	4	4	1					1				
6	SONET Price Calculator	DS1	357C	03	C.O. Connection STS-1 on OC-48 - Working	$		2	4	4	1					1				
7	SONET Price Calculator	DS1	357C	09	C.O. Connection STS-1 on OC-48 - Working	$		2	4	4	1					1				
8																				
9																				
10	SONET Price Calculator	DS1	357C	06	C.O. Interface DS1 on OC-3 - Mux & Prot.	$								2	2	1	1	2	4	
11	SONET Price Calculator	DS1	357C	03	C.O. Interface DS1 on OC-3 - Working	$								2	2	1	1	2	4	
12	SONET Price Calculator	DS1	357C	09	C.O. Interface DS1 on OC-3 - Working	$								2	2	1	1	2	4	
13	SONET Price Calculator	DS1	357C	03	C.O. Interface DS1 on OC-12 Mux & Prot.	$					1	2	2				1			
14	SONET Price Calculator	DS1	357C	06	C.O. Interface DS1 on OC-12 Mux & Prot.	$					1	2	2				1			
15	SONET Price Calculator	DS1	357C	03	C.O. Interface DS1 on OC-12 Working	$					1	2	2				1			
16	SONET Price Calculator	DS1	357C	09	C.O. Interface DS1 on OC-12 Working	$					1	2	2				1			
17	SONET Price Calculator	DS1	357C	03	C.O. Interface DS1 on OC-48 - Mux & Prot.	$	2	2	2	2	1					1				
18	SONET Price Calculator	DS1	357C	06	C.O. Interface DS1 on OC-48 - Mux & Prot.	$	2	2	2	2	1					1				
19	SONET Price Calculator	DS1	357C	03	C.O. Interface DS1 on OC-48 - Working	$	2	2	2	2	1					1				
20	SONET Price Calculator	DS1	357C	09	C.O. Interface DS1 on OC-48 - Working	$	2	2	2	2	1					1				
21																				
22																				
23	SONET Price Calculator	DS1	357C	03	C.O. Node - OC-3	$								3		3	3			
24	SONET Price Calculator	DS1	357C	06	C.O. Node - OC-3	$								3		3	3			
25	SONET Price Calculator	DS1	357C	03	C.O. Node - OC-3 Term (Point to Point only)	$												2	4	
26	SONET Price Calculator	DS1	357C	06	C.O. Node - OC-3 Term (Point to Point only)	$												2	4	
27	SONET Price Calculator	DS1	357C	03	C.O. Node - OC-3+	$									5					
28	SONET Price Calculator	DS1	357C	06	C.O. Node - OC-3+	$									5					
29	SONET Price Calculator	DS1	357C	03	C.O. Node - OC-12	$					4	4	10				4			
30	SONET Price Calculator	DS1	357C	06	C.O. Node - OC-12	$					4	4	10				4			
31	SONET Price Calculator	DS1	357C	03	C.O. Node - OC-48 BLSR Intermed.	$	1	2	2	5	1					1				
32	SONET Price Calculator	DS1	357C	06	C.O. Node - OC-48 BLSR Intermed.	$	1	2	2	5	1					1				
33	SONET Price Calculator	DS1	357C	03	C.O. Node - OC-48 (BLSR)	$	2	4	6	8	2					2				
34	SONET Price Calculator	DS1	357C	06	C.O. Node - OC-48 (BLSR)	$	2	4	6	6	2					2				
35																				
36																				
37	SONET Price Calculator	DS1	357C	15	Data Communications - OC-3	$								1		1	1			
38	SONET Price Calculator	DS1	357C	15	Data Communications - OC-12	$					1	1	2		1		1			
39	SONET Price Calculator	DS1	357C	15	Data Communications - OC-48	$	1	2	2	3	1					1				
40																				
41																				
42	SONET Price Calculator	DS1	822C	00	AR-Fiber - OC-3 Per Weighted Fiber Mile	$														
43	SONET Price Calculator	DS1	822C	00	AR-Fiber - OC-12 Per Weighted Fiber Mile	$														
44	SONET Price Calculator	DS1	822C	00	AR-Fiber - OC-48 BLSR Per Weighted Fiber Mile	$														
45																				
46																				
47	SONET Price Calculator	DS1	845C	00	BU-Fiber - OC-3 Per Weighted Fiber Mile	$														
48	SONET Price Calculator	DS1	845C	00	BU-Fiber - OC-12 Per Weighted Fiber Mile	$														
49	SONET Price Calculator	DS1	845C	00	BU-Fiber - OC-48 BLSR Per Weighted Fiber Mile	$														
50																				
51																				
52	SONET Price Calculator	DS1	85C	00	UG-Fiber - OC-3 Per Weighted Fiber Mile	$														
53	SONET Price Calculator	DS1	85C	00	UG-Fiber - OC-12 Per Weighted Fiber Mile	$														
54	SONET Price Calculator	DS1	85C	00	UG-Fiber - OC-48 BLSR Per Weighted Fiber Mile	$														
55																				
56																				
57	Network				# Fiber strands - OC-3		3	3	3	3	3	3	3	3	3	3	3	6	6	
58	Network				# Fiber strands - OC-12		3	3	3	3	3	3	3	3	3	3	3	6	6	
59	Network				# Fiber strands - OC-48		3	3	3	3	3	3	3	3	3	3	3	6	6	
60																				
61	Network				Probability of Occurrence		0.431	0.185	0.123	0.062	0.050	0.050	0.000	0.013	0.050	0.025	0.013	0.000	0.000	1.00
62																				
63	Adj. Invst. * Factor				Computer System Costs	$														
64	DS1 Channelization Price Calculator		357C	03	DSX-1 Panel Termination	$														
65	TIRKS				Route to Air Ratio															

Unbundled Interoffice Transport-Dedicated

DS1

State: Florida
Workpaper: 200
Page: 1 of 1
Date: 16-Oct-97

1	Facility Terminations	Weighted Material						
2								
3			FRC	Sub FRC	Sub FRC	Sub FRC	Sub FRC	
4			357C	03	06	09		Source
5								
6		Design 1						Wp300, Col F, Ln 36 thru 39
7		Design 2						Wp301, Col F, Ln 41 thru 44
8		Design 3						Wp302, Col F, Ln 41 thru 44
9		Design 4						Wp303, Col F, Ln 41 thru 44
10		Design 5						Wp304, Pg 3, Col E, Ln17 thru 20
11		Design 6						Wp305, Col F, Ln 34 thru 37
12		Design 7						Wp306, Col F, Ln 37 thru 40
13		Design 8						Wp307, Col F, Ln 33 thru 36
14		Design 9						Wp308, Col F, Ln 33 thru 36
15		Design 10						Wp309, Pg 3, Col E, Ln15 thru 18
16		Design 11						Wp310, Pg 3, Col E, Ln16 thru 19
17		Design 12						Wp311, Col F, Ln 29 thru 31
18		Design 13						Wp312, Col F, Ln 29 thru 31
19								
20		Total Designs						Ln6 thru Ln18
21								
22		DSX-1 Panel Termination						Input Sheet Ln64
23		(2 ports)						
24								
25		Total						:20 + Ln22
26								
27								
28	Per Mile	Weighted Material (Route Distance)						
29								
30				822C			85C	
31				Sub FR[illegible]	Sub		Sub FF	
32								
33		Design 1	$		$		$	Wp300, Col F, Ln 40 thru 42
34		Design 2	$		$		$	Wp301, Col F, Ln 45 thru 47
35		Design 3	$		$		$	Wp302, Col F, Ln 45 thru 47
36		Design 4	$		$		$	Wp303, Col F, Ln 45 thru 47
37		Design 5	$		$		$	Wp304, Pg 3, Col E, Ln21 thru 23
38		Design 6	$		$		$	Wp305, Col F, Ln 38 thru 40
39		Design 7	$		$		$	Wp306, Col F, Ln 41 thru 43
40		Design 8	$		$		$	Wp307, Col F, Ln 37 thru 39
41		Design 9	$		$		$	Wp308, Col F, Ln 37 thru 39
42		Design 10	$		$		$	Wp309, Pg 3, Col E, Ln19 thru 21
43		Design 11	$		$		$	Wp310, Pg 3, Col E, Ln20 thru 22
44		Design 12	$		$		$	Wp311, Col F, Ln 32 thru 34
45		Design 13	$		$		$	Wp312, Col F, Ln 32 thru 34
46								
47		Total	$		$		$	Ln33 thru Ln45
48								
49								
50		Route to Air Ratio						Input Sheet Ln65
51								
52								
53		Material Per Air Mile	$		$		$	Ln47 * Ln50
54								
55								

Unbundled Interoffice Transport-Dedicated

DS1

State: Florida
Workpaper: 300
Page: 1 of 1
Date: 16-Oct-97

Design 1 - OC-48 Ring

Line	(A) Description	(B) FRC	(C) SUB FRC	(D) Network No. RQD.	(E) SONET Price Calculator Material	(F) (D) * (E) Total Mat	Source
4	C.O. Node - OC-48 (BLSR)	357C	03	2	$	$	Input Sheet Ln33
5		357C	06	2	$	$	Input Sheet Ln34
7	C.O. Node - OC-48 BLSR Intermed.	357C	03	1	$	$	Input Sheet Ln31
8		357C	06	1	$	$	Input Sheet Ln32
10	C.O. Interface DS1 on OC-48 - Mux & Prot.	357C	03	2	$	$	Input Sheet Ln17
11		357C	06	2	$	$	Input Sheet Ln18
13	C.O. Interface DS1 on OC-48 - Working	357C	03	2	$	$	Input Sheet Ln19
14		357C	09	2	$	$	Input Sheet Ln20
16	Data Communications - OC-48	357C	15	1	$	$	Input Sheet Ln39
18	AR-Fiber - OC-48 BLSR Per Weighted Fiber	M822C	00	3	$	$	Input Sheet Ln44
20	BU-Fiber - OC-48 BLSR Per Weighted Fiber	M845C	00	3	$	$	Input Sheet Ln49
22	UG-Fiber - OC-48 BLSR Per Weighted Fiber	85C	00	3	$	$	Input Sheet Ln54
26	Total Material by FRC - Design 1	357C	03			$	Col F, Ln4 + Ln7 + Ln10 + Ln13
27		357C	06			$	Col F, Ln5 + Ln8 + Ln11
28		357C	09			$	Col F, Ln14
29		357C	15			$	Col F, Ln16
30		822C	00			$	Col F, Ln18
31		845C	00			$	Col F, Ln20
32		85C	00			$	Col F, Ln22
34	Probability of Occurrence - Design 1						Input Sheet Ln61
36	Weighted Material by FRC - Design 1	357C	03			$	Col F, Ln26 * Col E, Ln34
37		357C	06			$	Col F, Ln27 * Col E, Ln34
38		357C	09			$	Col F, Ln28 * Col E, Ln34
39		357C	15			$	Col F, Ln29 * Col E, Ln34
40		822C	00			$	Col F, Ln30 * Col E, Ln34
41		845C	00			$	Col F, Ln31 * Col E, Ln34
42		85C	00			$	Col F, Ln32 * Col E, Ln34

INPUT FOR WP200 - SUMMARY

Unbundled Interoffice Transport-Dedicated

DS1

State: Florida
Workpaper: 301
Page: 1 of 1
Date: 16-Oct-97

Design 2 - OC-48 Ring

Line	(A) Description	(B) FRC	(C) SUB FRC	(D) Network No. RQD.	(E) SONET Price Calculator Material	(F) SONET (D) * (E) *(F) Total Material	Source
4	C.O. Node - OC-48 (BLSR)	357C	03	4	$	$	Input Sheet Ln33
5		357C	06	4	$	$	Input Sheet Ln34
7	C.O. Node - OC-48 BLSR Intermed.	357C	03	2	$	$	Input Sheet Ln31
8		357C	06	2	$	$	Input Sheet Ln32
10	C.O. Interface DS1 on OC-48 - Mux & Prot.	357C	03	2	$	$	Input Sheet Ln17
11		357C	06	2	$	$	Input Sheet Ln18
13	C.O. Interface DS1 on OC-48 - Working	357C	03	2	$	$	Input Sheet Ln19
14		357C	09	2	$	$	Input Sheet Ln20
16	Data Communications - OC-48	357C	15	2	$	$	Input Sheet Ln39
18	C.O. Connection STS-1 on OC-48 - Mux & Prot.	357C	06	2	$	$	Input Sheet Ln5
20	C.O. Connection STS-1 on OC-48 - Working	357C	03	2	$	$	Input Sheet Ln6
21		357C	09	2	$	$	Input Sheet Ln7
23	AR-Fiber - OC-48 BLSR Per Weighted Fiber Mile	822C	00	3	$	$	Input Sheet Ln44
25	BU-Fiber - OC-48 BLSR Per Weighted Fiber Mile	845C	00	3	$	$	Input Sheet Ln49
27	UG-Fiber - OC-48 BLSR Per Weighted Fiber Mile	85C	00	3	$	$	Input Sheet Ln54
31	Total Material by FRC - Design 2	357C	03			$	Col F, Ln4 + Ln7 + Ln10 + Ln13 + Ln20
32		357C	06			$	Col F, Ln5 + Ln8 + Ln11 + Ln18
33		357C	09			$	Col F, Ln14 + Ln21
34		357C	15			$	Col F, Ln16
35		822C	00			$	Col F, Ln23
36		845C	00			$	Col F, Ln25
37		85C	00			$	Col F, Ln27
39	Probability of Occurrence - Design 2				[redacted]		Input Sheet Ln61
41	Weighted Material by FRC - Design 2	357C	03			$	Col F, Ln31 * Col E, Ln39
42		357C	06			$	Col F, Ln32 * Col E, Ln39
43		357C	09			$	Col F, Ln33 * Col E, Ln39
44		357C	15			$	Col F, Ln34 * Col E, Ln39
45		822C	00			$	Col F, Ln35 * Col E, Ln39
46		845C	00			$	Col F, Ln36 * Col E, Ln39
47		85C	00			$	Col F, Ln37 * Col E, Ln39

INPUT FOR WP 200 - SUMMARY

Unbundled Interoffice Transport-Dedicated

DS1

State: Florida
Workpaper: 302
Page: 1 of 1
Date: 16-Oct-97

Design 3 - OC-48 Ring

Line	(A) Description	(B) FRC	(C) SUB FRC	(D) Network No. RQD.	(E) SONET Price Calculator	(F) SONET (D) * (E) *(F) Total	Source
4	C.O. Node - OC-48 (BLSR)	357C	03	6	$	$	Input Sheet Ln33
5		357C	06	6	$	$	Input Sheet Ln34
7	C.O. Node - OC-48 BLSR Intermed.	357C	03	2	$	$	Input Sheet Ln31
8		357C	06	2	$	$	Input Sheet Ln32
10	C.O. Interface DS1 on OC-48 - Mux & Prot.	357C	03	2	$	$	Input Sheet Ln17
11		357C	06	2	$	$	Input Sheet Ln18
13	C.O. Interface DS1 on OC-48 - Working	357C	03	2	$	$	Input Sheet Ln19
14		357C	09	2	$	$	Input Sheet Ln20
16	Data Communications - OC-48	357C	15	2	$	$	Input Sheet Ln39
18	C.O. Connection STS-1 on OC-48 - Mux & Prot.	357C	06	4	$	$	Input Sheet Ln5
20	C.O. Connection STS-1 on OC-48 - Working	357C	03	4	$	$	Input Sheet Ln6
21		357C	09	4	$	$	Input Sheet Ln7
23	AR-Fiber - OC-48 BLSR Per Weighted Fiber Mile	822C	00	3	$	$	Input Sheet Ln44
25	BU-Fiber - OC-48 BLSR Per Weighted Fiber Mile	845C	00	3	$	$	Input Sheet Ln49
27	UG-Fiber - OC-48 BLSR Per Weighted Fiber Mile	85C	00	3	$	$	Input Sheet Ln54
31	Total Material by FRC - Design 3	357C	03			$	Col F, Ln4 + Ln7 + Ln10 + Ln13 + Ln20
32		357C	06			$	Col F, Ln5 + Ln8 + Ln11 + Ln18
33		357C	09			$	Col F, Ln14 + Ln21
34		357C	15			$	Col F, Ln16
35		822C	00			$	Col F, Ln23
36		845C	00			$	Col F, Ln25
37		85C	00			$	Col F, Ln27
39	Probability of Occurrence - Design 3						Input Sheet Ln61
41	Weighted Material by FRC - Design 3	357C	03			$	Col F, Ln31 * Col E, Ln39
42		357C	06			$	Col F, Ln32 * Col E, Ln39
43		357C	09			$	Col F, Ln33 * Col E, Ln39
44		357C	15			$	Col F, Ln34 * Col E, Ln39
45		822C	00			$	Col F, Ln35 * Col E, Ln39
46		845C	00			$	Col F, Ln36 * Col E, Ln39
47		85C	00			$	Col F, Ln37 * Col E, Ln39
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Design 4 - OC-48 Ring

Line	(A) Description	(B) FRC	(C) SUB FRC	(D) Network No. RQD.	(E) SONET Price Calculator Material	(F) SONET (D) * (E) *(F) Total Material	Source
4	C.O. Node - OC-48 (BLSR)	357C	03	6			·ut Sheet Ln33
5		357C	06	6			..ut Sheet Ln34
7	C.O. Node - OC-48 BLSR Intermed.	357C	03	5			Input Sheet Ln31
8		357C	06	5			Input Sheet Ln32
10	C.O. Interface DS1 on OC-48 - Mux & Prot.	357C	03	2			Input Sheet Ln17
11		357C	06	2			Input Sheet Ln18
13	C.O. Interface DS1 on OC-48 - Working	357C	03	2			Input Sheet Ln19
14		357C	09	2			Input Sheet Ln20
16	Data Communications - OC-48	357C	15	3			Input Sheet Ln39
18	C.O. Connection STS-1 on OC-48 - Mux & Prot.	357C	06	4			Input Sheet Ln5
20	C.O. Connection STS-1 on OC-48 - Working	357C	03	4			Input Sheet Ln6
21		357C	09	4			Input Sheet Ln7
23	AR-Fiber - OC-48 BLSR Per Weighted Fiber Mile	822C	00	3			Input Sheet Ln44
25	BU-Fiber - OC-48 BLSR Per Weighted Fiber Mile	845C	00	3			Input Sheet Ln49
27	UG-Fiber - OC-48 BLSR Per Weighted Fiber Mile	85C	00	3			Input Sheet Ln54
31	Total Material by FRC - Design 4	357C	03				Col F, Ln4 + Ln7 + Ln10 + Ln13 + Ln20
32		357C	06				Col F, Ln5 + Ln8 + Ln11 + Ln18
33		357C	09				Col F, Ln14 + Ln21
34		357C	15				Col F, Ln16
35		822C	00				Col F, Ln23
36		845C	00				Col F, Ln25
37		85C	00				Col F, Ln27
39	Probability of Occurrence - Design 4						Input Sheet Ln61
41	Weighted Material by FRC - Design 4	357C	03				Col F, Ln31 * Col E, Ln39
42		357C	06				Col F, Ln32 * Col E, Ln39
43		357C	09				Col F, Ln33 * Col E, Ln39
44		357C	15				Col F, Ln34 * Col E, Ln39
45		822C	00				Col F, Ln35 * Col E, Ln39
46		845C	00				Col F, Ln36 * Col E, Ln39
47		85C	00				Col F, Ln37 * Col E, Ln39

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Design 5 - OC-48 Ring

Line	(A) Description	(B) FRC	(C) SUB FRC	(D) Network No. RQD.	(E) SONET Price Calculator Material	(F) (D) * (E) Total Material	Source
4	C.O. Node - OC-48 (BLSR)	357C	03	2	$		Input Sheet Ln33
5		357C	06	2	$		Input Sheet Ln34
7	C.O. Node - OC-48 BLSR Intermed.	357C	03	1	$		Input Sheet Ln31
8		357C	06	1	$		Input Sheet Ln32
10	C.O. Interface DS1 on OC-48 - Mux & Prot.	357C	03	1	$		Input Sheet Ln17
11		357C	06	1	$		Input Sheet Ln18
13	C.O. Interface DS1 on OC-48 - Working	357C	03	1	$		Input Sheet Ln19
14		357C	09	1	$		Input Sheet Ln20
16	Data Communications - OC-48	357C	15	1	$		Input Sheet Ln39
18	C.O. Connection STS-1 on OC-48 - Mux & Prot.	357C	06	1	$		Input Sheet Ln5
20	C.O. Connection STS-1 on OC-48 - Working	357C	03	1	$		Input Sheet Ln6
21		357C	09	1	$		Input Sheet Ln7
23	AR-Fiber - OC-48 BLSR Per Weighted Fiber Mile	822C	00	3	$		Input Sheet Ln44
25	BU-Fiber - OC-48 BLSR Per Weighted Fiber Mile	845C	00	3	$		Input Sheet Ln49
27	UG-Fiber - OC-48 BLSR Per Weighted Fiber Mile	85C	00	3	$		Input Sheet Ln54
31	OC-48 Ring Material by FRC - Design 5	357C	03				Col F, Ln4 + Ln7 + Ln10 + Ln13 + Ln20
32		357C	06				Col F, Ln5 + Ln8 + Ln11 + Ln18
33		357C	09				Col F, Ln14 + Ln21
34		357C	15				Col F, Ln16
35		822C	00				Col F, Ln23
36		845C	00				Col F, Ln25
37		85C	00				Col F, Ln27

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Design 5 - OC-12 Ring

Line	(A) Description	(B) FRC	(C) SUB FRC	(D) Network No. RQD.	(E) SONET Price Calculator Material	(F) (D) * (E) Total Material	
1							
2							
3							
4	C.O. Node - OC-12	357C	03	4	$		Input Sheet Ln29
5		357C	06	4	$		Input Sheet Ln30
6							
7	C.O. Interface DS1 on OC-12 Mux & Prot.	357C	03	1	$		Input Sheet Ln13
8		357C	06	1	$		Input Sheet Ln14
9							
10	C.O. Interface DS1 on OC-12 Working	357C	03	1	$		Input Sheet Ln15
11		357C	09	1	$		Input Sheet Ln16
12							
13	Data Communications - OC-12	357C	15	1	$		Input Sheet Ln38
14							
15	C.O. Connection STS-1 on OC-12	357C	03	1	$		Input Sheet Ln3
16		357C	06	1	$		Input Sheet Ln4
17							
18	AR-Fiber - OC-12 Per Weighted Fiber Mile	822C	00	3	$		Input Sheet Ln43
19							
20	BU-Fiber - OC-12 Per Weighted Fiber Mile	845C	00	3	$		Input Sheet Ln48
21							
22	UG-Fiber - OC-12 Per Weighted Fiber Mile	85C	00	3	$		Input Sheet Ln53
23							
24							
25							
26	OC-12 Ring Material by FRC - Design 5	357C	03				Col F, Ln4 + Ln7 + Ln10 + Ln15
27		357C	06				Col F, Ln5 + Ln8 + Ln16
28		357C	09				Col F, Ln11
29		357C	15				Col F, Ln13
30		822C	00				Col F, Ln18
31		845C	00				Col F, Ln20
32		85C	00				Col F, Ln22
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49							
50							

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Design 5 Total Material

Line	(A)	(B)	(C)	(D)	(E)
1			SUB		Total Design
2	**Description**	**FRC**	**FRC**	**SOURCE**	**Material**
3					
4					
5	Total Material by FRC - Design 5				
6		357C	03	Wp 304, Pg1, Ln31 + Wp 304, Pg2, Ln26	$
7		357C	06	Wp 304, Pg1, Ln32 + Wp 304, Pg2, Ln27	$
8		357C	09	Wp 304, Pg1, Ln33 + Wp 304, Pg2, Ln28	$
9		357C	15	Wp 304, Pg1, Ln34 + Wp 304, Pg2, Ln29	$
10		822C	00	Wp 304, Pg1, Ln35 + Wp 304, Pg2, Ln30	$
11		845C	00	Wp 304, Pg1, Ln36 + Wp 304, Pg2, Ln31	$
12		85C	00	Wp 304, Pg1, Ln37 + Wp 304, Pg2, Ln32	$
13					
14					
15	Probability of Occurrence - Design 5			Input Sheet Ln61	
16					
17		357C	03	Ln 15 * Ln 6	$
18		357C	06	Ln 15 * Ln 7	$
19		357C	09	Ln 15 * Ln 8	$
20		357C	15	Ln 15 * Ln 9	$
21		822C	00	Ln 15 * Ln 10	$
22		845C	00	Ln 15 * Ln 11	$
23		85C	00	Ln 15 * Ln 12	$
24					
25					

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Design 6 - OC-12 Ring

Line	(A) Description	(B) FRC	(C) SUB FRC	(D) Network No. RQD.	(E) SONET Price Calculator Material	(F) (D) * (E) Total Material	Source
4	C.O. Node - OC-12	357C	03	4	$		Input Sheet Ln29
5		357C	06	4	$		Input Sheet Ln30
7	C.O. Interface DS1 on OC-12 Mux & Prot.	357C	03	2	$		Input Sheet Ln13
8		357C	06	2	$		Input Sheet Ln14
10	C.O. Interface DS1 on OC-12 Working	357C	03	2	$		Input Sheet Ln15
11		357C	09	2	$		Input Sheet Ln16
13	Data Communications - OC-12	357C	15	1	$		Input Sheet Ln38
15	AR-Fiber - OC-12 Per Weighted Fiber Mile	822C	00	3	$		Input Sheet Ln43
17	BU-Fiber - OC-12 Per Weighted Fiber Mile	845C	00	3	$		Input Sheet Ln48
19	UG-Fiber - OC-12 Per Weighted Fiber Mile	85C	00	3	$		Input Sheet Ln53
23	Total Material by FRC - Design 6	357C	03				Col F, Ln4 + Ln7 + Ln10
24		357C	06				Col F, Ln5 + Ln8
25		357C	09				Col F, Ln11
26		357C	15				Col F, Ln13
27		822C	00				Col F, Ln15
28		845C	00				Col F, Ln17
29		85C	00				Col F, Ln19
32	Probability of Occurrence - Design 6						Input Sheet Ln61
34	Weighted Material by FRC - Design 6	357C	03				Col F, Ln23 * Col E, Ln32
35		357C	06				Col F, Ln24 * Col E, Ln32
36		357C	09				Col F, Ln25 * Col E, Ln32
37		357C	15				Col F, Ln26 * Col E, Ln32
38		822C	00				Col F, Ln27 * Col E, Ln32
39		845C	00				Col F, Ln28 * Col E, Ln32
40		85C	00				Col F, Ln29 * Col E, Ln32

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Design 7 - OC-12 Ring

Line	(A) Description	(B) FRC	(C) SUB FRC	(D) Network No. RQD.	(E) SONET Price Calculator Material	(F) (D) * (E) Total Material	Source
4	C.O. Node - OC-12	357C	03	10	$		Input Sheet Ln29
5		357C	06	10	$		Input Sheet Ln30
7	C.O. Interface DS1 on OC-12 Mux & Prot.	357C	03	2	$		Input Sheet Ln13
8		357C	06	2	$		Input Sheet Ln14
10	C.O. Interface DS1 on OC-12 Working	357C	03	2	$		Input Sheet Ln15
11		357C	09	2	$		Input Sheet Ln16
13	Data Communications - OC-12	357C	15	2	$		Input Sheet Ln38
15	C.O. Connection STS-1 on OC-12	357C	03	2	$		Input Sheet Ln3
16		357C	06	2	$		Input Sheet Ln4
18	AR-Fiber - OC-12 Per Weighted Fiber Mile	822C	00	3	$		Input Sheet Ln43
20	BU-Fiber - OC-12 Per Weighted Fiber Mile	845C	00	3	$		Input Sheet Ln48
22	UG-Fiber - OC-12 Per Weighted Fiber Mile	85C	00	3	$		Input Sheet Ln53
26	Total Material by FRC - Design 7	357C	03				Col F, Ln4 + Ln7 + Ln10 + Ln15
27		357C	06				Col F, Ln5 + Ln8 + Ln16
28		357C	09				Col F, Ln11
29		357C	15				Col F, Ln13
30		822C	00				Col F, Ln18
31		845C	00				Col F, Ln20
32		85C	00				Col F, Ln22
35	Probability of Occurrence - Design 7						Input Sheet Ln61
37	Weighted Material by FRC - Design 7	357C	03				Col F, Ln26 * Col E, Ln35
38		357C	06				Col F, Ln27 * Col E, Ln35
39		357C	09				Col F, Ln28 * Col E, Ln35
40		357C	15				Col F, Ln29 * Col E, Ln35
41		822C	00				Col F, Ln30 * Col E, Ln35
42		845C	00				Col F, Ln31 * Col E, Ln35
43		85C	00				Col F, Ln32 * Col E, Ln35

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Design 8 - OC-3 Ring

Line	(A) Description	(B) FRC	(C) SUB FRC	(D) Network No. RQD.	(E) SONET Price Calculator Material	(F) (D) * (E) Total Material	Source
4	C.O. Node - OC-3	357C	03	3			Input Sheet Ln23
5		357C	06	3			Input Sheet Ln24
7	C.O. Interface DS1 on OC-3 - Mux & Prot.	357C	06	2			Input Sheet Ln10
9	C.O. Interface DS1 on OC-3 - Working	357C	03	2			Input Sheet Ln11
10		357C	09	2			Input Sheet Ln12
12	Data Communications - OC-3	357C	15	1			Input Sheet Ln37
14	AR-Fiber - OC-3 Per Weighted Fiber Mile	822C	00	3			Input Sheet Ln42
16	BU-Fiber - OC-3 Per Weighted Fiber Mile	845C	00	3			Input Sheet Ln47
18	UG-Fiber - OC-3 Per Weighted Fiber Mile	85C	00	3			Input Sheet Ln52
22	Total Material by FRC - Design 8	357C	03				Col F, Ln4 + Ln9
23		357C	06				Col F, Ln5 + Ln7
24		357C	09				Col F, Ln10
25		357C	15				Col F, Ln12
26		822C	00				Col F, Ln14
27		845C	00				Col F, Ln16
28		85C	00				Col F, Ln18
31	Probability of Occurrence - Design 8						Input Sheet Ln61
33	Weighted Material by FRC - Design 8	357C	03				Col F, Ln22 * Col E, Ln31
34		357C	06				Col F, Ln23 * Col E, Ln31
35		357C	09				Col F, Ln24 * Col E, Ln31
36		357C	15				Col F, Ln25 * Col E, Ln31
37		822C	00				Col F, Ln26 * Col E, Ln31
38		845C	00				Col F, Ln27 * Col E, Ln31
39		85C	00				Col F, Ln28 * Col E, Ln31

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Design 9 - OC-3+ Ring

Line	(A) Description	(B) FRC	(C) SUB FRC	(D) Network No. RQD.	(E) SONET Price Calculator Material	(F) (D) * (E) Total Material	Source
4	C.O. Node - OC-3+	357C	03	5			Input Sheet Ln27
5		357C	06	5			Input Sheet Ln28
7	C.O. Interface DS1 on OC-3 - Mux & Prot.	357C	06	2			Input Sheet Ln10
9	C.O. Interface DS1 on OC-3 - Working	357C	03	2			Input Sheet Ln11
10		357C	09	2			Input Sheet Ln12
12	Data Communications - OC-12	357C	15	1			Input Sheet Ln38
14	AR-Fiber - OC-12 Per Weighted Fiber Mile	822C	00	3			Input Sheet Ln43
16	BU-Fiber - OC-12 Per Weighted Fiber Mile	845C	00	3			Input Sheet Ln48
18	UG-Fiber - OC-12 Per Weighted Fiber Mile	85C	00	3			Input Sheet Ln53
22	Total Material by FRC - Design 9	357C	03				Col F, Ln4 + Ln9
23		357C	06				Col F, Ln5 + Ln7
24		357C	09				Col F, Ln10
25		357C	15				Col F, Ln12
26		822C	00				Col F, Ln14
27		845C	00				Col F, Ln16
28		85C	00				Col F, Ln18
31	Probability of Occurrence - Design 9						Input Sheet Ln61
33	Weighted Material by FRC - Design 9	357C	03				Col F, Ln22 * Col E, Ln31
34		357C	06				Col F, Ln23 * Col E, Ln31
35		357C	09				Col F, Ln24 * Col E, Ln31
36		357C	15				Col F, Ln25 * Col E, Ln31
37		822C	00				Col F, Ln26 * Col E, Ln31
38		845C	00				Col F, Ln27 * Col E, Ln31
39		85C	00				Col F, Ln28 * Col E, Ln31

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Design 10 - OC-48 Ring

Line	(A) Description	(B) FRC	(C) SUB FRC	(D) Network No. RQD.	(E) SONET Price Calculator Material	(F) (D) * (E) Total Material	Source
4	C.O. Node - OC-48 (BLSR)	357C	03	2			Input Sheet Ln33
5		357C	06	2			Input Sheet Ln34
7	C.O. Node - OC-48 BLSR Intermed.	357C	03	1			Input Sheet Ln31
8		357C	06	1			Input Sheet Ln32
10	C.O. Interface DS1 on OC-48 - Mux & Prot.	357C	03	1			Input Sheet Ln17
11		357C	06	1			Input Sheet Ln18
13	C.O. Interface DS1 on OC-48 - Working	357C	03	1			Input Sheet Ln19
14		357C	09	1			Input Sheet Ln20
16	Data Communications - OC-48	357C	15	1			Input Sheet Ln39
18	C.O. Connection STS-1 on OC-48 - Mux & Prot.	357C	06	1			Input Sheet Ln5
20	C.O. Connection STS-1 on OC-48 - Working	357C	03	1			Input Sheet Ln6
21		357C	09	1			Input Sheet Ln7
23	AR-Fiber - OC-48 BLSR Per Weighted Fiber Mile	822C	00	3			Input Sheet Ln44
25	BU-Fiber - OC-48 BLSR Per Weighted Fiber Mile	845C	00	3			Input Sheet Ln49
27	UG-Fiber - OC-48 BLSR Per Weighted Fiber Mile	85C	00	3			Input Sheet Ln54
31	OC-48 Ring Material by FRC - Design 10	357C	03				Col F, Ln4 + Ln7 + Ln10 + Ln13 + Ln20
32		357C	06				Col F, Ln5 + Ln8 + Ln11 + Ln18
33		357C	09				Col F, Ln14 + Ln21
34		357C	15				Col F, Ln16
35		822C	00				Col F, Ln23
36		845C	00				Col F, Ln25
37		85C	00				Col F, Ln27

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Design 10 - OC-3 Ring

Line	(A) Description	(B) FRC	(C) SUB FRC	(D) Network No. RQD.	(E) SONET Price Calculator Material	(F) (D) * (E) Total Material	Source
1							
2							
3							
4	C.O. Node - OC-3	357C	03	3			Input Sheet Ln23
5		357C	06	3			Input Sheet Ln24
6							
7	C.O. Interface DS1 on OC-3 - Mux & Prot.	357C	06	1			Input Sheet Ln10
8							
9	C.O. Interface DS1 on OC-3 - Working	357C	03	1			Input Sheet Ln11
10		357C	09	1			Input Sheet Ln12
11							
12	Data Communications - OC-3	357C	15	1			Input Sheet Ln37
13							
14	C.O. Connection STS-1 on OC-3	357C	03	1			Input Sheet Ln1
15		357C	06	1			Input Sheet Ln2
16							
17	AR-Fiber - OC-3 Per Weighted Fiber Mile	822C	00	3			Input Sheet Ln42
18							
19	BU-Fiber - OC-3 Per Weighted Fiber Mile	845C	00	3			Input Sheet Ln47
20							
21	UG-Fiber - OC-3 Per Weighted Fiber Mile	85C	00	3			Input Sheet Ln52
22							
23							
24							
25	OC-3 Ring Material by FRC - Design 10	357C	03				Col F, Ln4 + Ln9 + Ln14
26		357C	06				Col F, Ln5 + Ln7 + Ln15
27		357C	09				Col F, Ln10
28		357C	15				Col F, Ln12
29		822C	00				Col F, Ln17
30		845C	00				Col F, Ln19
31		85C	00				Col F, Ln121
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49							
50							

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Design 10 Total Material

Line	(A)	(B)	(C)	(D)		(E)
1			SUB			Total Design
2	**Description**	**FRC**	**FRC**	**SOURCE**		**Material**
3						
4						
5	Total Material by FRC - Design 10	357C	03	Wp 309, Pg1, Ln31 + Wp 309, Pg2, Ln25		$
6		357C	06	Wp 309, Pg1, Ln32 + Wp 309, Pg2, Ln26		$
7		357C	09	Wp 309, Pg1, Ln33 + Wp 309, Pg2, Ln27		$
8		357C	15	Wp 309, Pg1, Ln34 + Wp 309, Pg2, Ln28		$
9		822C	00	Wp 309, Pg1, Ln35 + Wp 309, Pg2, Ln29		$
10		845C	00	Wp 309, Pg1, Ln36 + Wp 309, Pg2, Ln30		$
11		85C	00	Wp 309, Pg1, Ln37 • Wp 309, Pg2, Ln31		$
12						
13	Probability of Occurrence - Design 10			Input Sheet Ln61	0.025	
14						
15	Weighted Material by FRC - Design 10	357C	03	Ln 13 * Ln 5		$
16		357C	06	Ln 13 * Ln 6		$
17		357C	09	Ln 13 * Ln 7		$
18		357C	15	Ln 13 * Ln 8		$
19		822C	00	Ln 13 * Ln 9		$
20		845C	00	Ln 13 * Ln 10		$
21		85C	00	Ln 13 * Ln 11		$
22						
23						
24						
25						

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Design 11- OC-12 Ring

Line	(A) Description	(B) FRC	(C) SUB FRC	(D) Network No. RQD.	(E) SONET Price Calculator Material	(F) (D) * (E) Total Material	Source
1							
2							
3							
4	C.O. Node - OC-12	357C	03	4	$		Input Sheet Ln29
5		357C	06	4	$		Input Sheet Ln30
6							
7	C.O. Interface DS1 on OC-12 Mux & Prot.	357C	03	1	$		Input Sheet Ln13
8		357C	06	1	$		Input Sheet Ln14
9							
10	C.O. Interface DS1 on OC-12 Working	357C	03	1	$		Input Sheet Ln15
11		357C	09	1	$		Input Sheet Ln16
12							
13	Data Communications - OC-12	357C	15	1	$		Input Sheet Ln38
14							
15	C.O. Connection STS-1 on OC-12	357C	03	1	$		Input Sheet Ln3
16		357C	06	1	$		Input Sheet Ln4
17							
18	AR-Fiber - OC-12 Per Weighted Fiber Mile	822C	00	3	$		Input Sheet Ln43
19							
20	BU-Fiber - OC-12 Per Weighted Fiber Mile	845C	00	3	$		Input Sheet Ln48
21							
22	UG-Fiber - OC-12 Per Weighted Fiber Mile	85C	00	3	$		Input Sheet Ln53
23							
24							
25							
26	OC-12 Ring Material by FRC - Design 11	357C	03				Col F, Ln4 + Ln7 + Ln10 + Ln15
27		357C	06				Col F, Ln5 + Ln8 + Ln16
28		357C	09				Col F, Ln11
29		357C	15				Col F, Ln13
30		822C	00				Col F, Ln18
31		845C	00				Col F, Ln20
32		85C	00				Col F, Ln22
33							
34							
35							
36							
37							
38							
39							
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41							
42							
43							
44							
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48							
49							
50							

Unbundled Interoffice Transport-Dedicated

DS1

State: Florida
Workpaper: 310
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Design 11 - OC-3 Ring

Line	(A) Description	(B) FRC	(C) SUB FRC	(D) Network No. RQD.	(E) SONET Price Calculator Material	(F) (D) * (E) Total Material	Source
4	C.O. Node - OC-3	357C	03	3	$		Input Sheet Ln23
5		357C	06	3	$		Input Sheet Ln24
7	C.O. Interface DS1 on OC-3 - Mux & Prot.	357C	06	1	$		Input Sheet Ln10
9	C.O. Interface DS1 on OC-3 - Working	357C	03	1	$		Input Sheet Ln11
10		357C	09	1	$		Input Sheet Ln12
12	Data Communications - OC-3	357C	15	1	$		Input Sheet Ln37
14	C.O. Connection STS-1 on OC-3	357C	03	1	$		Input Sheet Ln1
15		357C	06	1	$		Input Sheet Ln2
17	AR-Fiber - OC-3 Per Weighted Fiber Mile	822C	00	3	$		Input Sheet Ln42
19	BU-Fiber - OC-3 Per Weighted Fiber Mile	845C	00	3	$		Input Sheet Ln47
21	UG-Fiber - OC-3 Per Weighted Fiber Mile	85C	00	3	$		Input Sheet Ln52
25	OC-3 Ring Material by FRC - Design 11	357C	03				Col F, Ln4 + Ln9 + Ln14
26		357C	06				Col F, Ln5 + Ln7 + Ln15
27		357C	09				Col F, Ln10
28		357C	15				Col F, Ln12
29		822C	00				Col F, Ln17
30		845C	00				Col F, Ln19
31		85C	00				Col F, Ln21

Unbundled Interoffice Transport-Dedicated

DS1

State: Florida
Workpaper: 310
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Design 11 Total Material

Line	(A) Description	(B) FRC	(C) SUB FRC	(D) SOURCE		(E) Total Design Material
5	Total Material by FRC - Design 11	357C	03	Wp 310, Pg1, Ln26 + Wp 310, Pg2, Ln25	$	
6		357C	06	Wp 310, Pg1, Ln27 + Wp 310, Pg2, Ln26	$	
7		357C	09	Wp 310, Pg1, Ln28 + Wp 310, Pg2, Ln27	$	
8		357C	15	Wp 310, Pg1, Ln29 + Wp 310, Pg2, Ln28	$	
9		822C	00	Wp 310, Pg1, Ln30 + Wp 310, Pg2, Ln29	$	
10		845C	00	Wp 310, Pg1, Ln31 + Wp 310, Pg2, Ln30	$	
11		85C	00	Wp 310, Pg1, Ln32 + Wp 310, Pg2, Ln31	$	
14	Probability of Occurrence - Design 11			Input Sheet Ln61	0.013	
16	Weighted Material by FRC - Design 11	357C	03	Ln 14 * Ln 5	$	
17		357C	06	Ln 14 * Ln 6	$	
18		357C	09	Ln 14 * Ln 7	$	
19		357C	15	Ln 14 * Ln 8	$	
20		822C	00	Ln 14 * Ln 9	$	
21		845C	00	Ln 14 * Ln 10	$	
22		85C	00	Ln 14 * Ln 11	$	

INPUT FOR WP200 - SUMMARY

Unbundled Interoffice Transport-Dedicated

DS1

State: Florida
Workpaper: 311
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Date: 16-Oct-97

Design 12 - OC-3 Point to Point

Line	(A) Description	(B) FRC	(C) SUB FRC	(D) Network No. RQD.	(E) SONET Price Calculator Material	(F) (D) * (E) Total Material	Source
4	C.O. Node - OC-3 Term (Point to Point only)	357C	03	2			Input Sheet Ln25
5		357C	06	2			Input Sheet Ln26
7	C.O. Interface DS1 on OC-3 - Mux & Prot.	357C	06	2			Input Sheet Ln10
9	C.O. Interface DS1 on OC-3 - Working	357C	03	2			Input Sheet Ln11
10		357C	09	2			Input Sheet Ln12
12	AR-Fiber - OC-3 Per Weighted Fiber Mile	822C	00	6			Input Sheet Ln42
14	BU-Fiber - OC-3 Per Weighted Fiber Mile	845C	00	6			Input Sheet Ln47
16	UG-Fiber - OC-3 Per Weighted Fiber Mile	85C	00	6			Input Sheet Ln52
20	Total Material by FRC - Design 12	357C	03				Col F, Ln4 + Ln9
21		357C	06				Col F, Ln5 + Ln7
22		357C	09				Col F, Ln10
23		822C	00				Col F, Ln12
24		845C	00				Col F, Ln14
25		85C	00				Col F, Ln16
27	Probability of Occurrence - Design 12						Input Sheet Ln61
29	Weighted Material by FRC - Design 12	357C	03				Col F, Ln20 * Col E, Ln27
30		357C	06				Col F, Ln21 * Col E, Ln27
31		357C	09				Col F, Ln22 * Col E, Ln27
32		822C	00				Col F, Ln23 * Col E, Ln27
33		845C	00				Col F, Ln24 * Col E, Ln27
34		85C	00				Col F, Ln25 * Col E, Ln27

INPUT FOR UP 20 - SUMMARY

Unbundled Interoffice Transport-Dedicated

DS1

State: Florida
Workpaper: 312
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Design 13 - OC-3 Point to Point

Line	(A) Description	(B) FRC	(C) SUB FRC	(D) Network No. RQD.	(E) SONET Price Calculator Material	(F) SONET (D) * (E) *(F) Total Material	Source
4	C.O. Node - OC-3 Term (Point to Point only)	357C	03	4	$		Input Sheet Ln25
5		357C	06	4	$		Input Sheet Ln26
7	C.O. Interface DS1 on OC-3 - Mux & Prot.	357C	06	4	$		Input Sheet Ln10
9	C.O. Interface DS1 on OC-3 - Working	357C	03	4	$		Input Sheet Ln11
10		357C	09	4	$		Input Sheet Ln12
12	AR-Fiber - OC-3 Per Weighted Fiber Mile	822C	00	6	$		Input Sheet Ln42
14	BU-Fiber - OC-3 Per Weighted Fiber Mile	845C	00	6	$		Input Sheet Ln47
16	UG-Fiber - OC-3 Per Weighted Fiber Mile	85C	00	6	$		Input Sheet Ln52
20	Total Material by FRC - Design 13	357C	03				Col F, Ln4 + Ln9
21		357C	06				Col F, Ln5 + Ln7
22		357C	09				Col F, Ln10
23		822C	00				Col F, Ln12
24		845C	00				Col F, Ln14
25		85C	00				Col F, Ln16
27	Probability of Occurrence - Design 13						Input Sheet Ln61
29	Weighted Material by FRC - Design 13	357C	03			$ -	Col F, Ln20 * Col E, Ln27
30		357C	06			$ -	Col F, Ln21 * Col E, Ln27
31		357C	09			$ -	Col F, Ln22 * Col E, Ln27
32		822C	00			$ -	Col F, Ln23 * Col E, Ln27
33		845C	00			$ -	Col F, Ln24 * Col E, Ln27
34		85C	00			$ -	Col F, Ln25 * Col E, Ln27

INPUT TO WP300 - SUMMARY

C. O.

CONNECTION

A B C D E F G H I TOTAL

State	Nvst Basis	Invst Type	FRC	Fundamental	Non-Meld Fundamental	Weighting	Mat Price	Wgt Mat Price
Florida	DS1	P	357C	C.O. Connection STS-1 on OC- 3	C.O. Connection STS-1 on OC- 3 (DDM-2000)	0.4	A-1	
Florida	DS1	P	357C	C.O. Connection STS-1 on OC- 3	C.O. Connection STS-1 on OC- 3 (FLM-150)	0.6	A-2	
Florida	DS1	P	357C	C.O. Connection STS-1 on OC-12	C.O. Connection STS-1 on OC-12 (DDM-2000 OC-12)	0.4	B-1	
Florida	DS1	P	357C	C.O. Connection STS-1 on OC-12	C.O. Connection STS-1 on OC-12 (FLM-600)	0.6	B-2	
Florida	DS1	P	357C	C.O. Connection STS-1 on OC-48 - Mux & Protect	C.O. Connection STS-1 on OC-48 (FLM-2400) - Mux & Protect	0.6	C-1	
Florida	DS1	P	357C	C.O. Connection STS-1 on OC-48 - Mux & Protect	C.O. Connection STS-1 on OC-48 (FT-2000) - Mux & Protect	0.4	C-2	

A
B
C

VENDOR MELD

A B C D E MATERIAL PRICE F G H

Fundamental	State	Primitive	Equipment	Part Name	Nvst Basis	Invst Type	FRC	M
C O Connection STS-1 on OC-12 (FLM-600)	Florida	FLM-600 STS-1 on OC-12	Fujitsu FLM-600 OC-12 UPSR	Middle Speed - 3 X STS-1 Interface (Enhanced)	DS1	P	357C	
C O Connection STS-1 on OC-48 (FLM-2400) - Mux & Protec	Florida	FLM-2400 STS-1 on OC-48 - Breakage Card	FLM-2400 OC-48 BLSR (2 Fiber)	Electrical 3xSTS-1 interface, protected 1:4 in HD quadrant	DS1	P	357C	
C O Connection STS-1 on OC-48 (FLM-2400) - Mux & Protec	Florida	FLM-2400 STS-1 on OC-48 - LS Mux	FLM-2400 OC-48 BLSR (2 Fiber)	Group Processor, Required for STS-1 interfaces	DS1	P	357C	
C O Connection STS-1 on OC-48 (FLM-2400) - Mux & Protec	Florida	FLM-2400 STS-1 on OC-48 - LS Mux	FLM-2400 OC-48 BLSR (2 Fiber)	Switch for DS3 or STS-1 interfaces	DS1	P	357C	
C O Connection STS-1 on OC-48 (FLM-2400) - Mux & Protec	Florida	FLM-2400 STS-1 on OC-48 - Protect Card	FLM-2400 OC-48 BLSR (2 Fiber)	Electrical 3xSTS-1 interface, protected 1:4 in HD quadrant	DS1	P	357C	
C O Connection STS-1 on OC-48 (FT-2000) - Mux & Protect	Florida	FT-2000 OC-48 STS-1 on OC-48 - Breakage Card	Lucent FT-2000 OC-48 BLSR	Triple STS1E Circuit Pack	DS1	P	357C	
C O Connection STS-1 on OC-48 (FT-2000) - Mux & Protect	Florida	FT-2000 OC-48 STS-1 on OC-48 - LSSW Ckt Pack	Lucent FT-2000 OC-48 BLSR	LSSW Circuit Pack (Reqd for Electrical Prot)	DS1	P	357C	
C O Connection STS-1 on OC-48 (FT-2000) - Mux & Protect	Florida	FT-2000 OC-48 STS-1 on OC-48 - Protect Card	Lucent FT-2000 OC-48 BLSR	Triple STS1E Circuit Pack	DS1	P	357C	

I J K L M

Capacity	Unit Price	Utilization	Util Price

B-2
C-1
C-2

UTILIZED PRICE PER UNIT

A B C D E F G H I J K L M N O

Fundamental	State	Primitive	Equipment	Part Name	Nvst Basis	Invst Type	FRC	Mat Price	Quantity	Tot Price	Capacity	Unit Price	Utilization	Util Price
C.O. Connection STS-1 on OC- 3 (DDM-2000)	Florida	DDM-2000 OC-3 STS-1 on OC-3 - Working Card	Lucent DDM-2000 OC-3 UPSR	STS1E LS & HS	DS1	P	357C					-		
C.O. Connection STS-1 on OC- 3 (FLM-150)	Florida	FLM-150 STS-1 on OC- 3	Fujitsu FLM-150 OC-3 UPSR	EOC (DCC) SONET Overhead Processor	DS1	P	357C					-		
C.O. Connection STS-1 on OC- 3 (FLM-150)	Florida	FLM-150 STS-1 on OC- 3	Fujitsu FLM-150 OC-3 UPSR	Middle Speed - STS-1 Interface (Enhanced)	DS1	P	357C					$		
C.O. Connection STS-1 on OC-12 (DDM-2000 OC-12)	Florida	DDM-2000 OC-12 STS-1 on OC-12 - Blank	Lucent DDM-2000 OC-12 UPSR	8" App Blank	DS1	P	357C					-		
C.O. Connection STS-1 on OC-12 (DDM-2000 OC-12)	Florida	DDM-2000 OC-12 STS-1 on OC-12 - Working Card	Lucent DDM-2000 OC-12 UPSR	Triple STS-1	DS1	P	357C					-		

A1
A2
B-1

UTILIZED PRICE PER - ...

A B C D E F G H I J

State	Primitive	Equipment	Nvst Basis	Invst Type	FRC	Fundamental	Quantity	Util Price	Total Mat Price
Florida	DDM-2000 OC-12 STS-1 on OC-12 - Blank	Lucent DDM-2000 OC-12 UPSR	DS1	P	357C	C.O. Connection STS-1 on OC-12 (DDM-2000 OC-12)	1		
Florida	DDM-2000 OC-12 STS-1 on OC-12 - Working Card	Lucent DDM-2000 OC-12 UPSR	DS1	P	357C	C.O. Connection STS-1 on OC-12 (DDM-2000 OC-12)	1		
Florida	DDM-2000 OC-3 STS-1 on OC-3 - Working Card	Lucent DDM-2000 OC-3 UPSR	DS1	P	357C	C.O. Connection STS-1 on OC- 3 (DDM-2000)	1		
Florida	FLM-150 STS-1 on OC- 3	Fujitsu FLM-150 OC-3 UPSR	DS1	P	357C	C.O. Connection STS-1 on OC- 3 (FLM-150)	1		

UTILIZED PRICE PER UNIT

A B C D E F G H I J

State	Primitive	Equipment	Nvst Basis	Invst Type	FRC	Fundamental	Quantity	Util Price	Total Mat Price
Florida	FLM-2400 STS-1 on OC-48 - Breakage Card	FLM-2400 OC-48 BLSR (2 Fiber)	DS1	P	357C	C.O. Connection STS-1 on OC-48 (FLM-2400) - Mux & Protect			
Florida	FLM-2400 STS-1 on OC-48 - LS Mux	FLM-2400 OC-48 BLSR (2 Fiber)	DS1	P	357C	C.O. Connection STS-1 on OC-48 (FLM-2400) - Mux & Protect			
Florida	FLM-2400 STS-1 on OC-48 - Protect Card	FLM-2400 OC-48 BLSR (2 Fiber)	DS1	P	357C	C.O. Connection STS-1 on OC-48 (FLM-2400) - Mux & Protect			
Florida	FLM-600 STS-1 on OC-12	Fujitsu FLM-600 OC-12 UPSR	DS1	P	357C	C.O. Connection STS-1 on OC-12 (FLM-600)			
Florida	FT-2000 OC-48 STS-1 on OC-48 - Breakage Card	Lucent FT-2000 OC-48 BLSR	DS1	P	357C	C.O. Connection STS-1 on OC-48 (FT-2000) - Mux & Protect			
Florida	FT-2000 OC-48 STS-1 on OC-48 - LSSW Ckt Pack	Lucent FT-2000 OC-48 BLSR	DS1	P	357C	C.O. Connection STS-1 on OC-48 (FT-2000) - Mux & Protect			
Florida	FT-2000 OC-48 STS-1 on OC-48 - Protect Card	Lucent FT-2000 OC-48 BLSR	DS1	P	357C	C.O. Connection STS-1 on OC-48 (FT-2000) - Mux & Protect			

UTILIZED PRICE PER UNIT

	A	B	C	D	E	F	G	H	I	J	K	L
1	Lucent DDM-2000 FiberReach OC-1 UPSR OC-3 Shelf Node (2 Dual Homed OC-1 Rings, OC-3 High Speed Host)											
2												
3	Functional Name	Product Code	CLEI Code	BST Unit Price	Shelf & Commons	8 DS1 QTY	16 DS1 QTY	28 DS1 QTY	36 DS1 QTY	42 DS1 QTY	56 DS1 QTY	1 STS-1/ 28 DS1 QTY
4	Shelf Assem OC-3	ED-8C724-30 G4			0	0	0	0	0	0	0	0
5	Bay e/w 1 OC-3 shelf and heat baffle				1	1	1	1	1	1	1	1
6	Full Electrtical Cabling				1	1	1	1	1	1	1	1
7	Lot Fiber Jumpers				1	1	1	1	1	1	1	1
8	OC-3 OLIU w/TSI	22G2-U	SNTRFBX		2	2	2	2	2	2	2	2
9	OC-1 OLIU FibRch	27G-U	SNPQWAC		2	2	2	2	2	2	2	2
10	TGS Sync TmgGen	BBF2B	SMPQA16		2	2	2	2	2	2	2	2
11	SYSCTL	BBG8	SNC11W0		1	1	1	1	1	1	1	1
12	OHCTL	BBG9	SNC11VL		1	1	1	1	1	1	1	1
13	Heat Baffle	ED8C733-30 G-1			0	0	0	0	0	0	0	1
14	MXRVO Multiplexer	BBG2	SNCMAA2		0	2	2	2	4	4	4	2
15	DS1 w/PM	BBF3	SMPQAM4		0	3	5	8	11	13	16	8
16	STS1E EC-1	BBG6	SNPQWAE		0	0	0	0	0	0	0	2
17	OC-3 R9.0 Software	ED-8C724-40 G1			1	1	1	1	1	1	1	1
18	Total											
19	Total/OC-1											

Fujitsu FLM-150 OC-3 UPSR

Material Price Source: Fujitsu Contract

Description	Unit Type	CLEI Code	BST Unit	Shelf & Controllers	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	1 STS-1 QTY
Alarm and Orderwire Unit (Basic)	AW1A-BSC			0	0	0	0	0	0	0	0	0	0
Alarm and Orderwire Unit (Enhanced)	AW1A-ENH	SNPQAD6BAA		1	1	1	1	1	1	1	1	1	1
High Speed OC-3 SR Optics (1310 nm), SC, Hardened	HC1A-3SC1	SNC1J3E2AA		0	0	0	0	0	0	0	0	0	0
High Speed OC-3 MR Optics (1310 nm), SC, Hardened	HC1A-3MC1 (I3)	SNCU7R01AC		0	0	0	0	0	0	0	0	0	0
High Speed OC-3 LR Optics (1310 nm), SC, Hardened	HC1A-3LC1 (I3)	SNCU8S01AB		2	2	2	2	2	2	2	2	2	2
High Speed OC-3 VLR Optics (1550 nm), SC, Non-Hardened	HC1A-3LC2 (I2)	SNCU8T01AB		0	0	0	0	0	0	0	0	0	0
High Speed OC-3 VLR Optics (1310 nm), SC, Non-Hardened	HC1A-3LC3 (I2)			0	0	0	0	0	0	0	0	0	0
High Speed OC-12 LR Optics NH (for 150+ Configuration)	HC1A-6LC1	SNCU80K1AA		0	0	0	0	0	0	0	0	0	0
STSx9 Cable				0	0	0	0	0	0	0	0	0	0
High Speed - 3 x STS-1	HC1A-STS1	SNCLR402AC		0	0	0	0	0	0	0	0	0	0
High Speed Switch/Overhead Access	HS1A-AD1	SNPQAN85AA		1	1	1	1	1	1	1	1	1	1
Microprocessor	MP1A-V2	SNPQAKA5AA		0	0	0	0	0	0	0	0	0	0
Microprocessor (for TSA Enh and 150+ and SW Download)	MP1A-ADL			0	0	0	0	0	0	0	0	0	0
Microprocessor (for TSA Enh and 150+ Configuration)	MP1A-V3	SNPQA7R5AA		1	1	1	1	1	1	1	1	1	1
Power Unit	PW1A	SNPQACW5AA		2	2	2	2	2	2	2	2	2	2
Supervisory - TL1/X.25 (for TSA Enh and 150+ and SW Downlo	SV1A-TDL			0	0	0	0	0	0	0	0	0	0
Supervisory - TL1/X.25 (for TSA Enh and 150+ Configuration)	SV1A-TL4	SNPQA7S5AA		1	1	1	1	1	1	1	1	1	1
Timing Control Unit	TCA	SNPQADL5AA		2	2	2	2	2	2	2	2	2	2
Time Slot Assignment - VT1.5, STS-1	TS1A	SNPQAD05AA		2	2	2	2	2	2	2	2	2	2
Time Slot Assignment - VT1.5, STS-1 Enhanced	TS1A-ENH	SNPQA7U5AA		0	0	0	0	0	0	0	0	0	0
150 ADM Shelf	Shelf	SNM5BG02RA		1	1	1	1	1	1	1	1	1	1
Heat Baffle/Fiber Tray				1	1	1	1	1	1	1	1	1	1
Low Speed - 4 X DS1	LC1A-D1	SNCLPV42AB		0	0	0	0	0	0	0	0	0	0
Low Speed - 4 X DS1 w/ DS1 PM	LC1A-D1E	SNPQA3U5AA		0	0	0	0	0	0	0	0	0	0
Low Speed - 4 X DS1 w/ Far End Path DS1 PM	LC1A-D1E2			0	8	16	24	0	0	0	16	8	0
Low Speed - OVTG	LC1A-F6 (I3)	SNCU9V01AA		0	0	0	0	0	0	0	0	0	0
Low Speed Switch -DS1/OVTG	LS1A-D1	SNCLNU92AA		0	1	2	3	0	0	0	2	1	0
Middle Speed - Mux/Demux for DS1	MC1A-MDM1	SNCLLS42AB		0	2	4	6	0	0	0	4	2	0
EOC (DCC) SONET Overhead Processor	EC1A	SNC1X1A2AA		0	0	0	0	0	0	0	0	0	1
EOC (DCC) SONET Overhead Processor (Software Download	EC1A-DL1			0	0	0	0	0	0	0	0	0	0
Middle Speed - STS-1 Interface (Enhanced)	MC1A-STS1	SNC1GC02AA		0	0	0	0	0	0	0	0	0	2
Middle Speed - DS3 Interface	MC1A-D3	SNCLMT02AA		0	0	0	0	0	0	0	0	0	0
Middle Speed - DS3 Interface (Enhanced)	MC1A-D3A2	SNCLM602AA		0	0	0	0	2	4	6	2	4	0
Total													

Lucent Technologies SONET Products Configuration Spreadsheet

6/4/97

Lucent ODM-2000 OC-12 UPSR

Functional Name	Product Code	CLEI Code	BST Unit Price	Shelf & Comments	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 Release 3 Software	ED-8C727-35G1				0	0	0	0	0	0	0	0	0	0	0	0
OC-12 Release 5 Software	ED-8C727-37G1				1	1	1	1	1	1	1	1	1	1	1	1
OC-12 Release 2 Software	ED-8C727-34G1				0	0	0	0	0	0	0	0	0	0	0	0
OC-12 Release 2 Regen Software	ED-8C727-41G1				0	0	0	0	0	0	0	0	0	0	0	0
Timing Generator	BBF2B	SNPQWATAAI			2	2	2	2	2	2	2	2	2	2	2	2
System Controller (R1-R3)	BBG5	DMPQ00WAAJ			0	0	0	0	0	0	0	0	0	0	0	0
System Controller (R8-R9)	BBG8	SNC11W0xx			1	1	1	1	1	1	1	1	1	1	1	1
Overhead Controller (R1-R3)	BCP1	SNPQAHXAAJ			0	0	0	0	0	0	0	0	0	0	0	0
Overhead Controller (R4-R5)	BCP4	SNC11V0xx			1	1	1	1	1	1	1	1	1	1	1	1
Time Slot Interchange Fixed	BCP2	SNPQWA8AAJ			0	0	0	0	0	0	0	0	0	0	0	0
Time Slot Interchange Flex	BCP3	SNPQA13AAA			2	2	2	2	2	2	2	2	2	2	2	2
OC-12 Optical Line Interface Unit (1310nm)	23G-U	SNPQWAVAAI			2	2	2	2	2	2	2	2	2	2	2	2
OC-12 Optical Line Interface Unit (1550nm)	23H-U	SNRXDLAxx			0	0	0	0	0	0	0	0	0	0	0	0
OC-12 Regenerator OLIU	23R-U	SNPQANEAAA			0	0	0	0	0	0	0	0	0	0	0	0
8" App Blank	177B	SNPQAFHAAA			8	4	2	0	6	4	2	0	8	4	2	0
12" App Blank	177C	SNPQAFJAAA			2	2	2	2	2	2	2	2	2	2	2	2
Triple DS3	BBG11B	SNPQBMGxx			2	4	6	8	0	0	0	0	0	0	0	0
Triple STS-1	BBG12	SNPQAPSAAA			0	0	0	0	2	4	6	8	0	0	0	0
OC-3 Optical Line Interface Unit	21G-U OLIU	SNTRABCxx			0	0	0	0	0	0	0	0	2	4	6	8
OC-3 IS-3 OLIU	21D-U OLIU	SNRXDJ0xx			0	0	0	0	0	0	0	0	0	0	0	0
Bay e/w 1 OC-12 shelf and heat baffle					1	1	1	1	1	1	1	1	1	1	1	1
Shelf Assembly (OC-12)	ED-8C727-30 G1				0	0	0	0	0	0	0	0	0	0	0	0
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

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Fujitsu FLM-600 OC-12 UPSR																
2	Material Price Source: Fujitsu Contract																
3	Description	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	9 STS-1 QTY	12 STS-1 QTY	1 OC-3 QTY	2 OC-3 QTY	3 OC-3 QTY	4 OC-3 QTY
4	Alarm/Orderwire Unit - Basic	AW6A-BSC	SNPQADH5AB			0	0	0	0	0	0	0	0	0	0	0	0
5	Alarm/Orderwire Unit - Enhanced	AW6A-ENH	SNPQAD15AA			1	1	1	1	1	1	1	1	1	1	1	1
6	HS Optical 1xOC-12 Interface, LR (1310 nm), SC, NH	HC6A-6LC1	SNCL60L2AB			2	2	2	2	2	2	2	2	2	2	2	2
7	HS Optical 1xOC-12 Interface, LR (1550 nm), SC, NH	HC6A-6LC2	SNCL80N2AB			0	0	0	0	0	0	0	0	0	0	0	0
8	HS Optical 1xOC-12 Interface, LR (1310 nm), SC, H	HC6A-6LC3	SNCL70L2AB			0	0	0	0	0	0	0	0	0	0	0	0
9	OC-12 Regenerator Interface, LR (1310 nm), SC, NH	HC6A-RLC1				0	0	0	0	0	0	0	0	0	0	0	0
10	OC-12 Regenerator Interface, LR (1310 nm), SC, H	HC6A-RLC3				0	0	0	0	0	0	0	0	0	0	0	0
11	Electrical HS Interface, FLM-2400 Upgrade	HC6A-6EL1	SNCLRWP2AA			0	0	0	0	0	0	0	0	0	0	0	0
12	Electrical HS Interface, FLM-2400 Upgrade	HC6A-6EL2	SNC1A2B2AC			0	0	0	0	0	0	0	0	0	0	0	0
13	High Speed Switch and Overhead Access Unit	HS6A-ADT	SNPQAPA5AA			1	1	1	1	1	1	1	1	1	1	1	1
14	Microprocessor Unit for Terminal and Hub Applications	MP6A-STD	SNPQAVR5AA			0	0	0	0	0	0	0	0	0	0	0	0
15	Microprocessor Unit for Terminal, Hub, ADM, Ring, and Regen	MP6A-ADM	SNPQAVS5AA			1	1	1	1	1	1	1	1	1	1	1	1
16	Microprocessor Unit for FLM-2400 Upgrade	MP6A-24G	SNPQAV1X5A			0	0	0	0	0	0	0	0	0	0	0	0
17	Power Unit for all Applications	PW6A	SNPQADE5AA			2	2	2	2	2	2	2	2	2	2	2	2
18	Supervisory - TL1/X.25	SV6A-TL2				1	1	1	1	1	1	1	1	1	1	1	1
19	Supervisory - FLM-2400 Upgrade	SV6A-24G	SNPQA1Y5AB			0	0	0	0	0	0	0	0	0	0	0	0
20	Timing Control Unit	TCA	SNPQAD15AA			2	2	2	2	2	2	2	2	2	2	2	2
21	ADM Shelf	Shelf	SNM3BH02RA			1	1	1	1	1	1	1	1	1	1	1	1
22	Heat Shield and Fiber Storage	Heat Bd/Fiber Tray				1	1	1	1	1	1	1	1	1	1	1	1
23	EMI Cover - 600 ADM Shelf (optional)	Front Cover				0	0	0	0	0	0	0	0	0	0	0	0
24	DCC Processor for OC-3/STS-1 Tributary	EC6A	SNPQA3W5AA			0	0	0	0	0	0	0	0	0	0	0	0
25	DCC Processor for FLM-2400 ADM Tributary Applications	EC6A-24G	SNPQA1Z5AA			0	0	0	0	0	0	0	0	0	0	0	0
26	Middle Speed Switch Control	MS6A-OPT	SNPQAYZ5AA			0	0	0	0	0	0	0	0	1	2	3	4
27	Middle Speed - 3 X STS-1 Interface (Enhanced)	MC6A-STS1E	SNC1G702AA			0	0	0	0	2	4	6	8	0	0	0	0
28	Middle Speed - OC-3 Short Reach, 1310 nm, SC, H	MC6A-3SC1	SNC1K9E2AA			0	0	0	0	0	0	0	0	2	4	6	8
29	Middle Speed - OC-3 Intermediate Reach, 1310 nm, SC, H	MC6A-3MC1	SNCL90M2AC			0	0	0	0	0	0	0	0	0	0	0	0
30	Middle Speed - OC-3 Long Reach, 1310 nm, SC, H	MC6A-3LC1	SNCL90L2AB			0	0	0	0	0	0	0	0	0	0	0	0
31	Middle Speed - OC-3 Long Reach, 1550 nm, SC, NH	MC6A-3LC2	SNCL90N2AB			0	0	0	0	0	0	0	0	0	0	0	0
32	Middle Speed - OC-3 Long Reach, 1310 nm, SC, NH	MC6A-3LC3	SNCL9202AB			0	0	0	0	0	0	0	0	0	0	0	0
33	Middle Speed - 3 X DS3 Interface	MC6A-D3	SNCLSX02AA			0	0	0	0	0	0	0	0	0	0	0	0
34	Middle Speed - 3 X DS3 Interface (Enhanced)	MC6A-D3A2	SNC1GP02AA			2	4	6	8	0	0	0	0	0	0	0	0
35	Total																

Alcatel, AT&T, and Fujitsu SONET Products Configuration Spreadsheet

05/17/00

FLM-2400 OC-48 UPSR

Material Price Source: Fujitsu Contract

Description	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	3 STS-1 QTY	1 OC-3 QTY	1 OC-12 QTY
Alarm Unit, all applications, provides Alarm and 4W Orderwire	AW2H-A1	SNPQALX5AA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alarm Unit, all applications, provides Alarm and 2W/4W Order	AW2H-A2 (I2)	SNPQAZX6AA		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mux/Demux and Timing Control for ADM, Ring, both 1+1 and	HM2H-A1 (I3)	SNPQAYJ5AC		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mux/Demux and Timing Control for Term (1+1) and Term (1:N	HM2H-A2 (I3)	SNPQAW65AC		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mux/Demux and Timing Control for Regenerator	HM2H-A3 (I2)	SNPQA295AA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch Control for Terminal 1+1	HS2H-LTE1 (I2)	SNPQAML5AB		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch Control for ADM 1+1	HS2H-ADM1	SNPQAYL5AA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch Control for Regenerator	HS2H-REG	SNPQALW5AA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch Control for Ring (TSA:48)	HS2H-RNG2	SNPQAZZ5AA		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Optical 1 x OC-48 TRANSMIT (1310 nm, SC)	HT2H-L1BC (I4)	SNPQAW45AD		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Optical 1 x OC-48 TRANSMIT (1550 nm, SC)	HT2H-L2BC (I2)	SNPQAZ25AB		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Optical 1 x OC-48 RECEIVE (1310 nm, SC)	HR2H-L1BC	SNPQAW55AA		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Optical 1 x OC-48 RECEIVE (1550 nm, SC)	HR2H-L2BC	SNPQAZ35AA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microprocessor for all TL-1DX,2S (1+1) applications (Term, Re	MP2H-T12 (I2)	SNPQAZH5AA		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Microprocessor for HS (Slave), 1+1 ADM	MP2H-SLV	SNPQAZY5AA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Power Supply for HS Common Units- OC-48 High Speed Shel	PW2H-HS	SNPQAL05AA		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Supervisory OS Interface for TL-1DX,2S 1+1 Applications (TSA	SV2H-T12 (I2)	SNPQA7GF5AA		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Filter attaches to fan shelf	AIR FILTER			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
High Speed Fan Shelf	FAN SHELF (I2)	SNPVAAX0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fan Unit	FAN UNIT	SNPQAMF5AA		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Heat Shield, Two Unit High	HEAT SHIELD			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
FLM-2400 High Speed Shelf	SHELF-24HSE	SNMAPZY3FA		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tributary Shelf Processor (MPH)	MP2T-T12 (I2)	SNPQA7J5AA		1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
Power Unit, supports HD Trib optics or DS3/eSTS-1s	PW1A-1R6	SNPQA705AA		2	2	2	2	2	2	2	2	2	4	4	4	2	2	2
Muldem, required for all HD Configs with OC-12	HC2T-C12L (I2)	SNPQA755AB		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Optical 1xOC-12 HD Shelf interface (1310 nm, LR, SC)	MC6A-2LC1	SNC1NFE2AA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Optical 1xOC-12 HD Shelf interface (1550 nm, LR, SC)	MC6A-2LC2	SNC1PGE2AA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Passes Clock Signal in OC-12 HD trib applications	MC6A-2THR	SNPQA765AA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Processor, Required for OC-3 and OC-12 interfaces	HS2T-C3 (I2)			0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Optical 1xOC-3 HD Shelf interface (1310 nm, SR, SC)	MC6A-31SC	SNC1KEE2AA		0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Optical 1xOC-3 HD Shelf interface (1310 nm, IR, SC)	MC6A-31MC	SNC1REE2AA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Optical 1xOC-3 HD Shelf interface (1310 nm, LR, SC)	MC6A-31LC	SNC1NEE2AA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bridge Unit for OC-3 in HD Shelf	MC6A-3BRD(I2)	SNPQA775AB		0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Cable for Bidge Unit	MC6A-3BRD Cable			0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Group Processor, Required for DS3 interfaces	HS2T-D3	SNPQALA5AA		0	1	1	1	1	2	2	2	2	3	3	4	0	0	0
Electrical 3xDS3 interface, protected 1:4 in HD quadrant	MC6A-D3E (I2)	SNPQAK85AB		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electrical 3xDS3 interface (enhanced), protected 1:4 in HD qu	MC6A-D3E2	SNPQA9D5AB		0	2	3	4	5	7	8	9	10	12	15	20	0	0	0
Switch for DS3 or STS-1 interfaces	MS2T-D31	SNPQALB5AA		0	1	1	1	1	2	2	2	2	3	3	4	1	0	0
Muldem, required for all HD Configs with DS3, STS-1, and OC	HC2T-MDL (I3)	SNPQA5E5AA		0	2	2	2	2	4	4	4	4	6	6	8	2	2	2
Group Processor, Required for STS-1 interfaces	HS2T-S1 (I2)	SNPQA8L6AA		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Electrical 3xSTS-1 interface, protected 1:4 in HD quadrant	MC6A-ST1E	SNC1G702AA		0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
Ribbon Coax between HS and HD Trib (2/12 STS-1s)	TRIB CABLE			2	2	2	2	2	4	4	4	4	6	6	8	2	2	2
Ribbon Coax between HS and HD Trib (2/12 STS-1s)	TRIB CABLE			0	0	0	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	0	0	0
High Density Tributary Shelf	SHELF-TRIB (I5)	SNMAPAX2FB																
Total																		

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

Functional Name	Product Code	CLEI Code	BBT Unit Price	Strat & Commone	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 Release 7.1 Software				1	1	1	1	1	1	1	1	1	1	1	1
OC-48 Release 2.1 Terminal Software				0	0	0	0	0	0	0	0	0	0	0	0
OC-48 Release 4.0 Regenerator Software				0	0	0	0	0	0	0	0	0	0	0	0
OC-48 TRMTR Circuit Pack, 1310, 24dB	739B1	SNRTFECAxx		0	0	0	0	0	0	0	0	0	0	0	0
OC-48 RCVR Circuit Pack	839B1	SNRTGFFAxx		0	0	0	0	0	0	0	0	0	0	0	0
OC-48 TRMTR (A/D) Circuit Pack, 1310, 24dB	739B5	SNRT7EOAxx		2	2	2	2	2	2	2	2	2	2	2	2
OC-48 RCVR (A/D) Circuit Pack	839B5	SNC3BDOAxx		2	2	2	2	2	2	2	2	2	2	2	2
TG3 (DS1) Circuit Pack	LAA18	SNPQARBAxx		2	2	2	2	2	2	2	2	2	2	2	2
Overhead Controller	LAA21	SNPQAHFAxx		2	2	2	2	2	2	2	2	2	2	2	2
System Controller	LAA23B	SNPQAVCAxx		1	1	1	1	1	1	1	1	1	1	1	1
System Memory	LAA25	SNPQWA1Axx		1	1	1	1	1	1	1	1	1	1	1	1
Line Controller	LAA28	SNPQARCAxx		1	1	1	1	1	1	1	1	1	1	1	1
Line Controller	LAA27	SNPQWAXAxx		0	0	0	0	0	0	0	0	0	0	0	0
TOHCTL (OC-3 DCC)	LAA26	SNCL300Axx		0	0	0	0	0	0	0	0	0	0	0	0
OC-48 Regenerator, 24 db	39B2	SNPQAVEAxx		0	0	0	0	0	0	0	0	0	0	0	0
3/4" App Blank	179B			0	0	0	0	0	0	0	0	0	0	0	0
1" App Blank	179C			0	0	0	0	0	0	0	0	0	0	0	0
2 1/4" App Blank	179E			0	0	0	0	0	0	0	0	0	0	0	0
1/2" App Blank	179H			0	0	0	0	0	0	0	0	0	0	0	0
LSSW Circuit Pack (Read for Electrical Prot)	LAA12	SNCLFL0AAA		2	2	2	2	2	2	2	2	2	2	2	2
Triple DS3 Circuit Pack	LAA2	SNCLGOOAAA		0	2	3	4	5	6	7	8	9	12	14	18
Triple STS1E Circuit Pack	LAA4	SNCLZJOAAA		0	0	0	0	0	0	0	0	0	0	0	0
OC-3 Circuit Pack	LAA10	SNCLZDOAAA		0	0	0	0	0	0	0	0	0	0	0	0
OC-12 Circuit Pack	T939A	SNI2MOOBxx		0	0	0	0	0	0	0	0	0	0	0	0
OC-48 2 Fiber Ring Bay	J68974E-L5			1	1	1	1	1	1	1	1	1	1	1	1
OC-48 Terminal Bay	J68974E-L4			0	0	0	0	0	0	0	0	0	0	0	0
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
OC-48 Regenerator Bay	J68974R-L1			0	0	0	0	0	0	0	0	0	0	0	0
Total															

C. O.

INTERFACE

A B C D E melding2 G H 1/26/98 I

State	Nvst Basis	Invst Type	FRC	Fundamental	Non-Meld Fundamental	Weighting	Mat Price	Wgt Mat Price
lorida	DS1	P	357C	C.O. Interface DS1 on OC- 3 - Mux & Protect	C.O. Interface DS1 on OC- 3 (DDM-2000) - Mux & Protect	D-1 0.4		
lorida	DS1	P	357C	C.O. Interface DS1 on OC- 3 - Mux & Protect	C.O. Interface DS1 on OC- 3 (FLM-150) - Mux & Protect	D-2 0.6		
lorida	DS1	P	357C	C.O. Interface DS1 on OC-12 - Mux & Protect	C.O. Interface DS1 on OC-12 (DDM-2000) - Mux & Protect	E-1 0.4		
lorida	DS1	P	357C	C.O. Interface DS1 on OC-12 - Mux & Protect	C.O. Interface DS1 on OC-12 (FLM-600) - Mux & Protect	E-2 0.6		
lorida	DS1	P	357C	C.O. Interface DS1 on OC-48 - Mux & Protect	C.O. Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	F-1 0.6		
lorida	DS1	P	357C	C.O. Interface DS1 on OC-48 - Mux & Protect	C.O. Interface DS1 on OC-48 (FT-2000) - Mux & Protect	F-2 0.4		

D E F

VENDOR MELD

A B C D E MATERIAL PRICE F G H I J K L M N O

Fundamental	State	Primitive	Equipment	Part Name	Invst Basis	Invst Type	FRC	Mat Price	Quantity	Tot Price	Capacity	Unit	Utilization	Util Price
C O Interface DS1 on OC-12 (FLM-600) - Mux & Protect	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Alarm and Orderwire Unit (Enhanced)	DS1	P	357C		1		84		0.457	
C O Interface DS1 on OC-12 (FLM-600) - Mux & Protect	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	High Speed OC-3 LR Optics (1310 nm), SC, Hardened	DS1	P	357C		2		84		0.457	
C O Interface DS1 on OC-12 (FLM-600) - Mux & Protect	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	High Speed Switch/Overhead Access	DS1	P	357C		1		84		0.457	
C O Interface DS1 on OC-12 (FLM-600) - Mux & Protect	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Microprocessor (for TSA Enh and 150+ Configuration)	DS1	P	357C		1		84		0.457	
C O Interface DS1 on OC-12 (FLM-600) - Mux & Protect	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Power Unit	DS1	P	357C		2		84		0.457	
C O Interface DS1 on OC-12 (FLM-600) - Mux & Protect	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Supervisory - TL1/X.25 (for TSA Enh and 150+ Configuration)	DS1	P	357C		1		84		0.457	
C O Interface DS1 on OC-12 (FLM-600) - Mux & Protect	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Time Slot Assignment - VT1.5, STS-1	DS1	P	357C		2		84		0.457	
C O Interface DS1 on OC-12 (FLM-600) - Mux & Protect	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Timing Control Unit	DS1	P	357C		2		84		0.457	
C O Interface DS1 on OC-12 (FLM-600) - Mux & Protect	Florida	FLM-150 DS1 on OC- 3 - Breakage Card	Fujitsu FLM-150 OC-3 UPSR	Low Speed - 4 X DS1 w/Far End Path DS1 PM	DS1	P	357C		0.5		84		0.457	
C O Interface DS1 on OC-12 (FLM-600) - Mux & Protect	Florida	FLM-150 DS1 on OC- 3 - LS Mux	Fujitsu FLM-150 OC-3 UPSR	Low Speed Switch -DS1/OVTG	DS1	P	357C		1		28		0.457	
C O Interface DS1 on OC-12 (FLM-600) - Mux & Protect	Florida	FLM-150 DS1 on OC- 3 - LS Mux	Fujitsu FLM-150 OC-3 UPSR	Middle Speed - Mux/Demux for DS1	DS1	P	357C		2		28		0.457	
C O Interface DS1 on OC-12 (FLM-600) - Mux & Protect	Florida	FLM-150 DS1 on OC- 3 - Protect Card	Fujitsu FLM-150 OC-3 UPSR	Low Speed - 4 X DS1 w/Far End Path DS1 PM	DS1	P	357C		1		28		0.457	
C O Interface DS1 on OC-12 (FLM-600) - Mux & Protect	Florida	FLM-600 OC- 3 on OC-12	Fujitsu FLM-600 OC-12 UPSR	Middle Speed - OC-3 Short Reach, 1310 nm, SC, H	DS1	P	357C		2		84		0.318	
C O Interface DS1 on OC-12 (FLM-600) - Mux & Protect	Florida	FLM-600 OC- 3 on OC-12	Fujitsu FLM-600 OC-12 UPSR	Middle Speed Switch Control	DS1	P	357C		1		84		0.318	
C O Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Alarm and Orderwire Unit (Enhanced)	DS1	P	357C		1		84		0.457	
C O Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	High Speed OC-3 LR Optics (1310 nm), SC, Hardened	DS1	P	357C		2		84		0.457	
C O Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	High Speed Switch/Overhead Access	DS1	P	357C		1		84		0.457	
C O Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Microprocessor (for TSA Enh and 150+ Configuration)	DS1	P	357C		1		84		0.457	
C O Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Power Unit	DS1	P	357C		2		84		0.457	
C O Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Supervisory - TL1/X.25 (for TSA Enh and 150+ Configuration)	DS1	P	357C		1		84		0.457	
C O Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Time Slot Assignment - VT1.5, STS-1	DS1	P	357C		2		84		0.457	
C O Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Timing Control Unit	DS1	P	357C		2		84		0.457	
C O Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	Florida	FLM-150 DS1 on OC- 3 - Breakage Card	Fujitsu FLM-150 OC-3 UPSR	Low Speed - 4 X DS1 w/Far End Path DS1 PM	DS1	P	357C		0.5		84		0.457	
C O Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	Florida	FLM-150 DS1 on OC- 3 - LS Mux	Fujitsu FLM-150 OC-3 UPSR	Low Speed Switch -DS1/OVTG	DS1	P	357C		1		28		0.457	
C O Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	Florida	FLM-150 DS1 on OC- 3 - LS Mux	Fujitsu FLM-150 OC-3 UPSR	Middle Speed - Mux/Demux for DS1	DS1	P	357C		2		28		0.457	
C O Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	Florida	FLM-150 DS1 on OC- 3 - Protect Card	Fujitsu FLM-150 OC-3 UPSR	Low Speed - 4 X DS1 w/Far End Path DS1 PM	DS1	P	357C		1		28		0.457	
C O Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	Florida	FLM-2400 OC-3 on OC-48	FLM-2400 OC-48 BLSR (2 Fiber)	Bridge Unit for OC-3 in HD Shelf	DS1	P	357C		1		84		0.216	
C O Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	Florida	FLM-2400 OC-3 on OC-48	FLM-2400 OC-48 BLSR (2 Fiber)	Cable for Bridge Unit	DS1	P	357C		1		84		0.216	
C O Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	Florida	FLM-2400 OC-3 on OC-48	FLM-2400 OC-48 BLSR (2 Fiber)	Group Processor, Required for OC-3 and OC-12 Interfaces	DS1	P	357C		1		84		0.216	
C O Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	Florida	FLM-2400 OC-3 on OC-48	FLM-2400 OC-48 BLSR (2 Fiber)	Multidem, required for all HD Configs with DS3,STS-1, and OC-3	DS1	P	357C		2		84		0.216	
C O Interface DS1 on OC-48 (FT-2000) - Mux & Protect	Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	OC-3 OLIU w/TSI (LR)	DS1	P	357C		2		84		0.457	
C O Interface DS1 on OC-48 (FT-2000) - Mux & Protect	Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	OC-3 Release 9 Software	DS1	P	357C		1		84		0.457	
C O Interface DS1 on OC-48 (FT-2000) - Mux & Protect	Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	Overhead Controller (R8-R9)	DS1	P	357C		1		84		0.457	
C O Interface DS1 on OC-48 (FT-2000) - Mux & Protect	Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	Synchronous Timing Generator	DS1	P	357C		2		84		0.457	
C O Interface DS1 on OC-48 (FT-2000) - Mux & Protect	Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	System Controller (R8-R9)	DS1	P	357C		1		84		0.457	
C O Interface DS1 on OC-48 (FT-2000) - Mux & Protect	Florida	DDM-2000 OC-3 DS1 on OC-3 - Breakage Card	Lucent DDM-2000 OC-3 UPSR	DS1 LS Card w/ PM	DS1	P	357C		0.5		84		0.457	
C O Interface DS1 on OC-48 (FT-2000) - Mux & Protect	Florida	DDM-2000 OC-3 DS1 on OC-3 - LS Mux	Lucent DDM-2000 OC-3 UPSR	VT-to-STS-1 multiplexer	DS1	P	357C		2		28		0.457	
C O Interface DS1 on OC-48 (FT-2000) - Mux & Protect	Florida	DDM-2000 OC-3 DS1 on OC-3 - Protect Card	Lucent DDM-2000 OC-3 UPSR	DS1 LS Card w/ PM	DS1	P	357C		1		28		0.457	
C O Interface DS1 on OC-48 (FT-2000) - Mux & Protect	Florida	FT-2000 OC-3 on OC-48 - LS Mux	Lucent FT-2000 OC-48 BLSR	TOHCTL (OC-3 DCC)	DS1	P	357C		1		84		0.216	
C O Interface DS1 on OC-48 (FT-2000) - Mux & Protect	Florida	FT-2000 OC-3 on OC-48 - Working Card	Lucent FT-2000 OC-48 BLSR	OC-3 Circuit Pack	DS1	P	357C		2		84		0.216	

E-1 F-1 F-2

UTILIZED PRICE PER UNIT

A B C D E MATERIAL PRICE F G H I J K L M N O P

Fundamental	State	Primitive	Equipment	Part Name	Nvst Basis	Invst Type	FRC	Mat	Quantity	Tot Price	acity	Unit Price	Utilization	Util Price
C O Interface DS1 on OC- 3 (DDM-2000) - Mux & Protect	Florida	DDM-2000 OC-3 DS1 on OC-3 - Breakage Card	Lucent DDM-2000 OC-3 UPSR	DS1 LS Card w/ PM	DS1	P	357C		0.5		84		0.457	
C O Interface DS1 on OC- 3 (DDM-2000) - Mux & Protect	Florida	DDM-2000 OC-3 DS1 on OC-3 - LS Mux	Lucent DDM-2000 OC-3 UPSR	VT-to-STS-1 multiplexer	DS1	P	357C		2		28		0.457	
C O Interface DS1 on OC- 3 (DDM-2000) - Mux & Protect	Florida	DDM-2000 OC-3 DS1 on OC-3 - Protect Card	Lucent DDM-2000 OC-3 UPSR	DS1 LS Card w/ PM	DS1	P	357C		1		28		0.457	
C O Interface DS1 on OC- 3 (FLM-150) - Mux & Protect	Florida	FLM-150 DS1 on OC- 3 - Breakage Card	Fujitsu FLM-150 OC-3 UPSR	Low Speed - 4 X DS1 w/Far End Path DS1 PM	DS1	P	357C		0.5		84		0.457	
C O Interface DS1 on OC- 3 (FLM-150) - Mux & Protect	Florida	FLM-150 DS1 on OC- 3 - LS Mux	Fujitsu FLM-150 OC-3 UPSR	Low Speed Switch -DS1/OVTG	DS1	P	357C		1		28		0.457	
C O Interface DS1 on OC- 3 (FLM-150) - Mux & Protect	Florida	FLM-150 DS1 on OC- 3 - LS Mux	Fujitsu FLM-150 OC-3 UPSR	Middle Speed - Mux/Demux for DS1	DS1	P	357C		2		28		0.457	
C O Interface DS1 on OC- 3 (FLM-150) - Mux & Protect	Florida	FLM-150 DS1 on OC- 3 - Protect Card	Fujitsu FLM-150 OC-3 UPSR	Low Speed - 4 X DS1 w/Far End Path DS1 PM	DS1	P	357C		1		28		0.457	
C O Interface DS1 on OC-12 (DDM-2000) - Mux & Protec	Florida	DDM-2000 OC-12 OC-3 on OC-12 - Blank	Lucent DDM-2000 OC-12 UPSR	8" App Blank	DS1	P	357C		-2		84		0.318	
C O Interface DS1 on OC-12 (DDM-2000) - Mux & Protec	Florida	DDM-2000 OC-12 OC-3 on OC-12 - Working Card	Lucent DDM-2000 OC-12 UPSR	OC-3 Optical Line Interface Unit	DS1	P	357C		2		84		0.318	
C O Interface DS1 on OC-12 (DDM-2000) - Mux & Protec	Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	OC-3 OLIU w/TSI (LR)	DS1	P	357C		2		84		0.457	
C O Interface DS1 on OC-12 (DDM-2000) - Mux & Protec	Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	OC-3 Release 9 Software	DS1	P	357C		1		84		0.457	
C O Interface DS1 on OC-12 (DDM-2000) - Mux & Protec	Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	Overhead Controller (R8-R9)	DS1	P	357C		1		84		0.457	
C O Interface DS1 on OC-12 (DDM-2000) - Mux & Protec	Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	Synchronous Timing Generator	DS1	P	357C		2		84		0.457	
C O Interface DS1 on OC-12 (DDM-2000) - Mux & Protec	Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	System Controller (R8-R9)	DS1	P	357C		1		84		0.457	
C O Interface DS1 on OC-12 (DDM-2000) - Mux & Protec	Florida	DDM-2000 OC-3 DS1 on OC-3 - Breakage Card	Lucent DDM-2000 OC-3 UPSR	DS1 LS Card w/ PM	DS1	P	357C		0.5		84		0.457	
C O Interface DS1 on OC-12 (DDM-2000) - Mux & Protec	Florida	DDM-2000 OC-3 DS1 on OC-3 - LS Mux	Lucent DDM-2000 OC-3 UPSR	VT-to-STS-1 multiplexer	DS1	P	357C		2		28		0.457	
C O Interface DS1 on OC-12 (DDM-2000) - Mux & Protec	Florida	DDM-2000 OC-3 DS1 on OC-3 - Protect Card	Lucent DDM-2000 OC-3 UPSR	DS1 LS Card w/ PM	DS1	P	357C		1	$64	28		0.457	

UTILIZED PRICE PER UNIT

D-1 D-2 E-1

A B C D E F G H I J

State	Primitive	Equipment	Nvst Basis	Invst Type	FRC	Fundamental	Quantity	Util Price	Total Mat Price
Florida	DDM-2000 OC-12 OC-3 on OC-12 - Blank	Lucent DDM-2000 OC-12 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-12 (DDM-2000) - Mux & Protect	1		
Florida	DDM-2000 OC-12 OC-3 on OC-12 - Working Card	Lucent DDM-2000 OC-12 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-12 (DDM-2000) - Mux & Protect	1		
Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-12 (DDM-2000) - Mux & Protect	1		
Florida	DDM-2000 OC-3 DS1 on OC-3 - Breakage Card	Lucent DDM-2000 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC- 3 (DDM-2000) - Mux & Protect	1		
Florida	DDM-2000 OC-3 DS1 on OC-3 - Breakage Card	Lucent DDM-2000 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-12 (DDM-2000) - Mux & Protect	1		
Florida	DDM-2000 OC-3 DS1 on OC-3 - LS Mux	Lucent DDM-2000 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC- 3 (DDM-2000) - Mux & Protect	1		
Florida	DDM-2000 OC-3 DS1 on OC-3 - LS Mux	Lucent DDM-2000 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-12 (DDM-2000) - Mux & Protect	1		
Florida	DDM-2000 OC-3 DS1 on OC-3 - Protect Card	Lucent DDM-2000 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC- 3 (DDM-2000) - Mux & Protect	1		
Florida	DDM-2000 OC-3 DS1 on OC-3 - Protect Card	Lucent DDM-2000 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-12 (DDM-2000) - Mux & Protect	1		
Florida	FLM-150 DS1 on OC- 3 - Breakage Card	Fujitsu FLM-150 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC- 3 (FLM-150) - Mux & Protect	1		
Florida	FLM-150 DS1 on OC- 3 - LS Mux	Fujitsu FLM-150 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC- 3 (FLM-150) - Mux & Protect	1		
Florida	FLM-150 DS1 on OC- 3 - Protect Card	Fujitsu FLM-150 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC- 3 (FLM-150) - Mux & Protect	1		

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14 D-1 OC-3 DDM-2000 =

15 D-2 OC-3 FLM-150 =

16 E-1 OC-12 DDM-2000 =

UTILIZED PRICE PER UNIT

A B C D E F G H I J

State	Primitive	Equipment	Nvst Basis	Invst Type	FRC	Fundamental	Quantity	ice	Total Mat Price
Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-48 (FT-2000) - Mux & Protect	1		
Florida	DDM-2000 OC-3 DS1 on OC-3 - Breakage Card	Lucent DDM-2000 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-48 (FT-2000) - Mux & Protect	1		
Florida	DDM-2000 OC-3 DS1 on OC-3 - LS Mux	Lucent DDM-2000 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-48 (FT-2000) - Mux & Protect	1		
Florida	DDM-2000 OC-3 DS1 on OC-3 - Protect Card	Lucent DDM-2000 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-48 (FT-2000) - Mux & Protect	1		
Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-12 (FLM-600) - Mux & Protect	1		
Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	1		
Florida	FLM-150 DS1 on OC- 3 - Breakage Card	Fujitsu FLM-150 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-12 (FLM-600) - Mux & Protect	1		
Florida	FLM-150 DS1 on OC- 3 - Breakage Card	Fujitsu FLM-150 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	1		
Florida	FLM-150 DS1 on OC- 3 - LS Mux	Fujitsu FLM-150 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-12 (FLM-600) - Mux & Protect	1		
Florida	FLM-150 DS1 on OC- 3 - LS Mux	Fujitsu FLM-150 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	1		
Florida	FLM-150 DS1 on OC- 3 - Protect Card	Fujitsu FLM-150 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-12 (FLM-600) - Mux & Protect	1		
Florida	FLM-150 DS1 on OC- 3 - Protect Card	Fujitsu FLM-150 OC-3 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	1		
Florida	FLM-2400 OC-3 on OC-48	FLM-2400 OC-48 BLSR (2 Fiber)	DS1	P	357C	C.O. Interface DS1 on OC-48 (FLM-2400) - Mux & Protect	1		
Florida	FLM-600 OC- 3 on OC-12	Fujitsu FLM-600 OC-12 UPSR	DS1	P	357C	C.O. Interface DS1 on OC-12 (FLM-600) - Mux & Protect	1		
Florida	FT-2000 OC-3 on OC-48 - LS Mux	Lucent FT-2000 OC-48 BLSR	DS1	P	357C	C.O. Interface DS1 on OC-48 (FT-2000) - Mux & Protect	1		
Florida	FT-2000 OC-3 on OC-48 - Working Card	Lucent FT-2000 OC-48 BLSR	DS1	P	357C	C.O. Interface DS1 on OC-48 (FT-2000) - Mux & Protect	1		

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UTILIZED PRICE PER UNIT

16 E-2 OC-12 FLM-600 =

19 F-1 OC-48 FLM2400 =

20 F-2 OC-48 FT2000 =

Fujitsu SONET Products Configuration Spreadsheet

6/4/98

Fujitsu FLM-150 OC-3 UPSR

Description	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	SNPQAD85AA			1	1	1	1	1	1	1	1
High Speed OC-3 SR Optics (1310 nm), SC, Hardened	HC1A-3SC1	SNC1J3E2AA			0	0	0	0	0	0	0	0
High Speed OC-3 MR Optics (1310 nm), SC, Hardened	HC1A-3MC1 (I3)	SNCU7R01AC			0	0	0	0	0	0	0	0
High Speed OC-3 LR Optics (1310 nm), SC, Hardened	HC1A-3LC1 (I3)	SNCU8S01AB			2	2	2	2	2	2	2	2
High Speed OC-3 VLR Optics (1550 nm), SC, Non-Hardened	HC1A-3LC2 (I2)	SNCU8T01AB			0	0	0	0	0	0	0	0
High Speed OC-3 VLR Optics (1310 nm), SC, Non-Hardened	HC1A-3LC3 (I2)				0	0	0	0	0	0	0	0
High Speed OC-12 LR Optics NH (for 150+ Configuration)	HC1A-6LC1	SNCU80K1AA			0	0	0	0	0	0	0	0
STSx9 Cable					0	0	0	0	0	0	0	0
High Speed - 3 x STS-1	HC1A-STS1	SNCLR402AC			0	0	0	0	0	0	0	0
High Speed Switch/Overhead Access	HS1A-AD1	SNPQAN55AA			1	1	1	1	1	1	1	1
Microprocessor	MP1A-V2	SNPQAKA5AA			0	0	0	0	0	0	0	0
Microprocessor (for TSA Enh and 150+ and SW Download)	MP1A-ADL				0	0	0	0	0	0	0	0
Microprocessor (for TSA Enh and 150+ Configuration)	MP1A-V3	SNPQA7R5AA			1	1	1	1	1	1	1	1
Power Unit	PW1A	SNPQACW5AA			2	2	2	2	2	2	2	2
Supervisory - TL1/X.25 (for TSA Enh and 150+ and SW Download)	SV1A-TDL				0	0	0	0	0	0	0	0
Supervisory - TL1/X.25 (for TSA Enh and 150+ Configuration)	SV1A-TL4	SNPQA7S5AA			1	1	1	1	1	1	1	1
Timing Control Unit	TCA	SNPQADL5AA			2	2	2	2	2	2	2	2
Time Slot Assignment - VT1.5, STS-1	TS1A	SNPQADD5AA			2	2	2	2	2	2	2	2
Time Slot Assignment - VT1.5, STS-1 Enhanced	TS1A-ENH	SNPQA7U5AA			0	0	0	0	0	0	0	0
150 ADM Shelf	Shelf	SNMSBG02RA		1	1	1	1	1	1	1	1	1
Heat Baffle/Fiber Tray				1	1	1	1	1	1	1	1	1
Low Speed - 4 X DS1	LC1A-D1	SNCLPV42AB		0	0	0	0	0	0	0	0	0
Low Speed - 4 X DS1 w/ DS1 PM	LC1A-D1E	SNPQA3U5AA										
Low Speed - 4 X DS1 w/ Far End Path DS1 PM	LC1A-D1E2											
Low Speed - OVTG	LC1A-F6 (I3)	SNCU9V01AA										
Low Speed Switch -DS1/OVTG	LS1A-D1	SNCLNU92AA		0	1	2	3	0	0	0	2	1
Middle Speed - Mux/Demux for DS1	MC1A-MDM1	SNCLLS42AB		0	2	4	6	0	0	0	4	2
EOC (DCC) SONET Overhead Processor	EC1A	SNC1X1A2AA		0	0	0	0	0	0	0	0	0
EOC (DCC) SONET Overhead Processor (Software Download)	EC1A-DL1			0	0	0	0	0	0	0	0	0
Middle Speed - STS-1 Interface (Enhanced)	MC1A-STS1	SNC1GC02AA		0	0	0	0	0	0	0	0	0
Middle Speed - DS3 Interface	MC1A-D3	SNCLMT02AA				0	0	0	0	0	0	0
Middle Speed - DS3 Interface (Enhanced)	MC1A-D3A2	SNCLM602AA				0	0	2	4	6	2	1
Total												

Fujitsu SONET Products Configuration Spreadsheet

6/4/97

Fujitsu FLM-600 OC-12 UPSR

Description	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	9 STS-1 QTY	12 STS-1 QTY	1 OC-3 QTY	2 OC-3 QTY	3 OC-3 QTY	4 OC-3 QTY
Alarm/Orderwire Unit - Basic	AW6A-BSC	SNPQADH5AB		0	0	0	0	0	0	0	0	0	0	0	0	0
Alarm/Orderwire Unit - Enhanced	AW6A-ENH	SNPQADJ5AA		1	1	1	1	1	1	1	1	1	1	1	1	1
HS Optical 1xOC-12 Interface, LR (1310 nm), SC, NH	HC6A-6LC1	SNCL80L2AB		2	2	2	2	2	2	2	2	2	2	2	2	2
HS Optical 1xOC-12 Interface, LR (1550 nm), SC, NH	HC6A-6LC2	SNCL80N2AB		0	0	0	0	0	0	0	0	0	0	0	0	0
HS Optical 1xOC-12 Interface, LR (1310 nm), SC, H	HC6A-6LC3	SNCL70L2AB		0	0	0	0	0	0	0	0	0	0	0	0	0
OC-12 Regenerator Interface, LR (1310 nm), SC, NH	HC6A-RLC1			0	0	0	0	0	0	0	0	0	0	0	0	0
OC-12 Regenerator Interface, LR (1310 nm), SC, H	HC6A-RLC3			0	0	0	0	0	0	0	0	0	0	0	0	0
Electrical HS Interface, FLM-2400 Upgrade	HC6A-6EL1	SNCLRWP2AA		0	0	0	0	0	0	0	0	0	0	0	0	0
Electrical HS Interface, FLM-2400 Upgrade	HC6A-6EL2	SNC1A2B2AC		0	0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch and Overhead Access Unit	HS6A-AD1	SNPQAPA5AA		1	1	1	1	1	1	1	1	1	1	1	1	1
Microprocessor Unit for Terminal and Hub Applications	MP6A-STD	SNPQAVR5AA		0	0	0	0	0	0	0	0	0	0	0	0	0
Microprocessor Unit for Terminal, Hub, ADM, Ring, and Regen Applicati	MP6A-ADM	SNPQAVS5AA		1	1	1	1	1	1	1	1	1	1	1	1	1
Microprocessor Unit for FLM-2400 Upgrade	MP6A-24G	SNPQAV1X5AA		0	0	0	0	0	0	0	0	0	0	0	0	0
Power Unit for all Applications	PW6A	SNPQADE5AA		2	2	2	2	2	2	2	2	2	2	2	2	2
Supervisory - TL1/X.25	SV6A-TL2			1	1	1	1	1	1	1	1	1	1	1	1	1
Supervisory - FLM-2400 Upgrade	SV6A-24G	SNPQA1Y5AB		0	0	0	0	0	0	0	0	0	0	0	0	0
Timing Control Unit	TCA	SNPQADL5AA		2	2	2	2	2	2	2	2	2	2	2	2	2
ADM Shelf	Shelf	SNMSBH02RA		1	1	1	1	1	1	1	1	1	1	1	1	1
Heat Shield and Fiber Storage	Heat Bfl/Fiber Tray			1	1	1	1	1	1	1	1	1	1	1	1	1
EMI Cover - 600 ADM Shelf (optional)	Front Cover			0	0	0	0	0	0	0	0	0	0	0	0	0
DCC Processor for OC-3/STS-1 Tributary	EC6A	SNPQA3W5AA		0	0	0	0	0	0	0	0	0	0	0	0	0
DCC Processor for FLM-2400 ADM Tributary Applications	EC6A-24G	SNPQA1Z5AA		0	0	0	0	0	0	0	0	0	0	0	0	0
Middle Speed Switch Control	MS6A-OPT	SNPQAYZ5AA		0	0	0	0	0	0	0	0	0	1	2	3	4
Middle Speed - 3 X STS-1 Interface (Enhanced)	MC6A-STS1E	SNC1G702AA		0	0	0	0	0	2	4	6	8	0	0	0	0
Middle Speed - OC-3 Short Reach, 1310 nm, SC, H	MC6A-3SC1	SNC1K9E2AA		0	0	0	0	0	0	0	0	0	2	4	6	8
Middle Speed - OC-3 Intermediate Reach, 1310 nm, SC, H	MC6A-3MC1	SNCL90M2AC		0	0	0	0	0	0	0	0	0	0	0	0	0
Middle Speed - OC-3 Long Reach, 1310 nm, SC, H	MC6A-3LC1	SNCL90L2AB		0	0	0	0	0	0	0	0	0	0	0	0	0
Middle Speed - OC-3 Long Reach, 1550 nm, SC, NH	MC6A-3LC2	SNCL90N2AB		0	0	0	0	0	0	0	0	0	0	0	0	0
Middle Speed - OC-3 Long Reach, 1310 nm, SC, NH	MC6A-3LC3	SNCL9202AB		0	0	0	0	0	0	0	0	0	0	0	0	0
Middle Speed - 3 X DS3 Interface	MC6A-D3	SNCLSX02AA		0	0	0	0	0	0	0	0	0	0	0	0	0
Middle Speed - 3 X DS3 Interface (Enhanced)	MC6A-D3A2	SNC1GP02AA		0	2	4	6	8	0	0	0	0	0	0	0	0
Total																5

Fujitsu SONET Products Configuration Spreadsheet

8/4/97

FLM-2400 OC-48 BLSR (2 Fiber) - Same Price as UPSR

Description	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 Unit, all applications, provides Alarm and 4W Orderwire	AW2H-A1	SNPQALX5AA		0	0	0	0	0	0	0	0	0	0	0	0
Alarm Unit, all applications, provides Alarm and 2W/4W Orderwire	AW2H-A2 (I2)	SNPQAZX5AA		1	1	1	1	1	1	1	1	1	1	1	1
Mux/Demux and Timing Control for ADM, Ring, both 1+1 and 1:N (TS	HM2H-A1 (I3)	SNPQAYJ5AC		2	2	2	2	2	2	2	2	2	2	2	2
Mux/Demux and Timing Control for Term (1+1) and Term (1:N Workin	HM2H-A2 (I3)	SNPQAW85AC		0	0	0	0	0	0	0	0	0	0	0	0
Mux/Demux and Timing Control for Regenerator	HM2H-A3 (I2)	SNPQA295AA		0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch Control for Terminal 1+1	HS2H-LTE1 (I2)	SNPQAML5AB		0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch Control for ADM 1+1	HS2H-ADM1	SNPQAYL5AA		0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch Control for Regenerator	HS2H-REG	SNPQALW5AA		0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch Control for Ring (TSAx48)	HS2H-RNG2	SNPQAZZ5AA		1	1	1	1	1	1	1	1	1	1	1	1
Optical 1 x OC-48 TRANSMIT (1310 nm, SC)	HT2H-L1BC (I4)	SNPQAWA5AD		2	2	2	2	2	2	2	2	2	2	2	2
Optical 1 x OC-48 TRANSMIT (1550 nm, SC)	HT2H-L2BC (I2)	SNPQAZ25AB		0	0	0	0	0	0	0	0	0	0	0	0
Optical 1 x OC-48 RECEIVE (1310 nm, SC)	HR2H-L1BC	SNPQAWB5AA		2	2	2	2	2	2	2	2	2	2	2	2
Optical 1 x OC-48 RECEIVE (1550 nm, SC)	HR2H-L2BC	SNPQAZ35AA		0	0	0	0	0	0	0	0	0	0	0	0
Microprocessor for all TL-1/X.25 (1+1) applications (Term, Reg, ADM,	MP2H-T12 (I2)	SNPQA7H5AA		1	1	1	1	1	1	1	1	1	1	1	1
Microprocessor for HS (Slave), 1+1 ADM	MP2H-SLV	SNPQAZY5AA		0	0	0	0	0	0	0	0	0	0	0	0
Power Supply for HS Common Units- OC-48 High Speed Shelf	PW2H-HS	SNPQALD5AA		1	1	1	1	1	1	1	1	1	1	1	1
Supervisory OS Interface for TL-1/X.25 1+1 Applications (TSAx48)	SV2H-T12 (I2)	SNPQA7G5AA		1	1	1	1	1	1	1	1	1	1	1	1
Filter attaches to fan shelf	AIR FILTER	0		1	1	1	1	1	1	1	1	1	1	1	1
High Speed Fan Shelf	FAN SHELF (I2)	SNPYAAKB		1	1	1	1	1	1	1	1	1	1	1	1
Fan Unit	FAN UNIT	SNPQAMS5AA		1	1	1	1	1	1	1	1	1	1	1	1
Heat Shield, Two Unit High	HEAT SHIELD	0		1	1	1	1	1	1	1	1	1	1	1	1
FLM-2400 High Speed Shelf	SHELF-24HSE	SNMAB2Y3RA		1	1	1	1	1	1	1	1	1	1	1	1
Tributary Shelf Processor (MPU)	MP2T-T12 (I2)	SNPQA7J5AA		1	1	1	1	1	1	1	1	1	2	2	2
Power Unit, supports HD Trib optics or DS3s/STS-1s	PW1A-TRIB	SNPQA795AA		2	2	2	2	2	2	2	2	2	4	4	4
Muldem, required for all HD Configs with OC-12	HC2T-C12L (I2)	SNPQA755AB		0	0	0	0	0	0	0	0	0	0	0	0
Optical 1xOC-12 HD Shelf Interface (1310 nm, LR, SC)	MC6A-2LC1	*SNC1NFE2AA*		0	0	0	0	0	0	0	0	0	0	0	0
Optical 1xOC-12 HD Shelf Interface (1550 nm, LR, SC)	MC6A-2LC2	SNC1PGE2AA		0	0	0	0	0	0	0	0	0	0	0	0
Passes Clock Signal in OC-12 HD trib applications	MC6A-2THR	SNPQA765AA		0	0	0	0	0	0	0	0	0	0	0	0
Group Processor, Required for OC-3 and OC-12 Interfaces	HS2T-C3 (I2)	0		0	0	0	0	0	0	0	0	0	0	0	0
Optical 1xOC-3 HD Shelf Interface (1310 nm, SR, SC)	MC6A-31SC	*SNC1KEE2AA*		0	0	0	0	0	0	0	0	0	0	0	0
Optical 1xOC-3 HD Shelf Interface (1310 nm, IR, SC)	MC6A-31MC	SNC1REE2AA		0	0	0	0	0	0	0	0	0	0	0	0
Optical 1xOC-3 HD Shelf Interface (1310 nm, LR, SC)	MC6A-31LC	SNC1NEE2AA		0	0	0	0	0	0	0	0	0	0	0	0
Bridge Unit for OC-3 in HD Shelf	MC6A-3BRD(I2)	SNPQA775AB		0	0	0	0	0	0	0	0	0	0	0	0
Cable for Bidge Unit	MC6A-3BRD Cable	0		0	0	0	0	0	0	0	0	0	0	0	0
Group Processor, Required for DS3 Interfaces	HS2T-D3	SNPQALA5AA		0	1	1	1	1	2	2	2	2	3	3	4
Electrical 3xDS3 Interface, protected 1:4 in HD quadrant	MC6A-D3E (I2)	SNPQAK85AB		0	0	0	0	0	0	0	0	0	0	0	0
Electrical 3xDS3 Interface (enhanced), protected 1:4 in HD quadrant	MC6A-D3E2	SNPQA9D5AB		0	2	3	4	5	7	8	9	10	12	15	20
Switch for DS3 or STS-1 Interfaces	MS2T-D31	SNPQALB5AA		0	1	1	1	1	2	2	2	2	3	3	4
Muldem, required for all HD Configs with DS3, STS-1, and OC-3	HC2T-MDL (I3)	SNPQA5E5AA		0	2	2	2	2	4	4	4	4	6	6	8
Group Processor, Required for STS-1 Interfaces	HS2T-S1 (I2)	SNPQA9L5AA		0	0	0	0	0	0	0	0	0	0	0	0
Electrical 3xSTS-1 Interface, protected 1:4 in HD quadrant	MC6A-ST1E	SNC1G702AA		0	0	0	0	0	0	0	0	0	0	0	0
Ribbon Coax between HS and HD Trib (2/12 STS-1s)	TRIB CABLE	0		2	2	2	2	2	4	4	4	4	8	8	8
Ribbon Coax between HS and HD Trib (2/12 STS-1s)	TRIB CABLE	0		0	0	0	0	0	0	0	0	0	0	0	0
Coax Between HCA6-6EL2 modules	TRIB CABLE	0		0	0	0	0	0	0	0	0	0	0	0	0
High Density Tributary Shelf	SHELF-TRIB (I3)	SNMSSM02RB		1	1	1	1	1	1	1	1	1	2	2	2
Total															

Lucent

Lucent DDM-2000 FiberReach OC-1 UPSR OC-3 Shelf Node (2 Single Homed OC-1 Rings, OC-1 High Speed Host)

Functional Name	Product Code	CLEI Code	BST Unit Price	Shelf & Commons	8 DS1 QTY	16 DS1 QTY	28 DS1 QTY	36 DS1 QTY	42 DS1 QTY	56 DS1 QTY	1 STS-1/ 28 DS1 QTY
Shelf Assem OC-3	ED-8C724-30 G4			0	0	0	0	0	0	0	0
Bay e/w 1 OC-3 shelf and heat baffle				1	1	1	1	1	1	1	1
Full Electrtical Cabling				1	1	1	1	1	1	1	1
Lot Fiber Jumpers				1	1	1	1	1	1	1	1
OC-3 OLIU w/TSI	22G2-U	SNTRFBX		0	0	0	0	0	0	0	0
OC-1 OLIU FibRch	27G-U	SNPQWAC		4	4	4	4	4	4	4	4
TGS Sync TmgGen	BBF2B	SMPQA16		2	2	2	2	2	2	2	2
SYSCTL	BBG8	SNC11W0		1	1	1	1	1	1	1	1
OHCTL	BBG9	SNC11VL		1	1	1	1	1	1	1	1
Heat Baffle	ED8C733-30 G-1			0	0	0	0	0	0	0	1
MXRVO Multiplexer	BBG2	SNCMAA2		0	2	2	2	4	4	4	2
DS1 w/PM	BBF3	SMPQAM4		0	3	5	8	11	13	16	8
STS1E EC-1	BBG6	SNPQWAE		0	0	0	0	0	0	0	2
OC-3 R9.0 Software	ED-8C724-40 G1			1	1	1	1	1	1	1	1
Total											
Total/OC-1											

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 Release 7.1 Software				1	1	1	1	1	1	1	1	1	1	1	1
OC-48 Release 2.1 Terminal Software					0	0	0	0	0	0	0	0	0	0	0
OC-48 Release 4.0 Regenerator Software					0	0	0	0	0	0	0	0	0	0	0
OC-48 TRMTR Circuit Pack, 1310, 24dB	739B1	SNRTFECAxx			0	0	0	0	0	0	0	0	0	0	0
OC-48 RCVR Circuit Pack	839B1	SNRTGFFAxx			0	0	0	0	0	0	0	0	0	0	0
OC-48 TRMTR (A/D) Circuit Pack, 1310, 24dB	739B5	SNRT7EOAxx			2	2	2	2	2	2	2	2	2	2	2
OC-48 RCVR (A/D) Circuit Pack	839B5	SNC3BDOAxx			2	2	2	2	2	2	2	2	2	2	2
TG3 (DS1) Circuit Pack	LAA18	SNPQARBAxx			2	2	2	2	2	2	2	2	2	2	2
Overhead Controller	LAA21	SNPQAHFAxx			2	2	2	2	2	2	2	2	2	2	2
System Controller	LAA23B	SNPQAVCAxx			1	1	1	1	1	1	1	1	1	1	1
System Memory	LAA25	SNPQWA1Axx			1	1	1	1	1	1	1	1	1	1	1
Line Controller	LAA26	SNPQARCAxx			1	1	1	1	1	1	1	1	1	1	1
Line Controller	LAA27	SNPQWAXAxx			0	0	0	0	0	0	0	0	0	0	0
TOHCTL (OC-3 DCC)	LAA28	SNCL300Axx			0	0	0	0	0	0	0	0	0	0	0
OC-48 Regenerator, 24 db	39B2	SNPQAVEAxx			0	0	0	0	0	0	0	0	0	0	0
3/4" App Blank	179B				0	0	0	0	0	0	0	0	0	0	0
1" App Blank	179C				0	0	0	0	0	0	0	0	0	0	0
2 1/4" App Blank	179E				0	0	0	0	0	0	0	0	0	0	0
4 1/2" App Blank	179H				0	0	0	0	0	0	0	0	0	0	0
LSSW Circuit Pack (Reqd for Electrical Prot)	LAA12	SNCLFL0AAA			2	2	2	2	2	2	2	2	2	2	2
Triple DS3 Circuit Pack	LAA2	SNCLGOOAA/			2	3	4	5	6	7	8	9	12	14	16
Triple STS1E Circuit Pack	LAA4	SNCLZJOAAA			0	0	0	0	0	0	0	0	0	0	0
OC-3 Circuit Pack	LAA10	SNCLZDOAA/			0	0	0	0	0	0	0	0	0	0	0
OC-12 Circuit Pack	T939A	SNI2MOOBxx			0	0	0	0	0	0	0	0	0	0	0
OC-48 2 Fiber Ring Bay	J68974E-L5				1	1	1	1	1	1	1	1	1	1	1
OC-48 Terminal Bay	J68974E-L4				0	0	0	0	0	0	0	0	0	0	0
Full Electrical Cabling					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
OC-48 Regenerator Bay	J68974R-L1				0	0	0	0	0	0	0	0	0	0	0
Total															

C. O.

NODE

A B C D E F G H TOTAL I ↓

State	Nvst Basis	Invst Type	FRC	Fundamental	Non-Meld Fundamental		Weighting	Mat Price	Wgt Mat Price
Florida	DS1	P	357C	C.O. Node - OC- 3	C.O. Node - OC- 3 (DDM-2000)	G1			
Florida	DS1	P	357C	C.O. Node - OC- 3	C.O. Node - OC- 3 (FLM-150)	G2			
Florida	DS1	P	357C	C.O. Node - OC- 3 Term	C.O. Node - OC- 3 Term (DDM-2000)	H1			
Florida	DS1	P	357C	C.O. Node - OC- 3 Term	C.O. Node - OC- 3 Term (FLM-150)	H2			
Florida	DS1	P	357C	C.O. Node - OC- 3+	C.O. Node - OC- 3+ (DDM-2000)	I1			
Florida	DS1	P	357C	C.O. Node - OC- 3+	C.O. Node - OC- 3+ (FLM-150+)	I2			
Florida	DS1	P	357C	C.O. Node - OC-12	C.O. Node - OC-12 (DDM-2000)	J1			
Florida	DS1	P	357C	C.O. Node - OC-12	C.O. Node - OC-12 (FLM-600)	J2			
Florida	DS1	P	357C	C.O. Node - OC-48 (BLSR) Intermediate	C.O. Node - OC-48 (BLSR) Intermediate (FLM-2400)	K1			
Florida	DS1	P	357C	C.O. Node - OC-48 (BLSR) Intermediate	C.O. Node - OC-48 (BLSR) Intermediate (FT-2000)	K2			
Florida	DS1	P	357C	C.O. Node - OC-48 BLSR	C.O. Node - OC-48 BLSR (FLM-2400)	L1			
Florida	DS1	P	357C	C.O. Node - OC-48 BLSR	C.O. Node - OC-48 BLSR (FT-2000)	L2			

G H I J K L

VENDOR MELD —

Fundamental	State	Primitive	Equipment	Part Name	fprmprt5	Nvst Basis	Invst Type	FRC
C.O. Node - OC- 3 (DDM-2000)	Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	OC-3 OLIU w/TSI (LR)		DS1	P	357C
C.O. Node - OC- 3 (DDM-2000)	Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	OC-3 Release 9 Software		DS1	P	357C
C.O. Node - OC- 3 (DDM-2000)	Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	Overhead Controller (R8-R9)		DS1	P	357C
C.O. Node - OC- 3 (DDM-2000)	Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	Synchronous Timing Generator		DS1	P	357C
C.O. Node - OC- 3 (DDM-2000)	Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	System Controller (R8-R9)		DS1	P	357C
C.O. Node - OC- 3 (FLM-150)	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Alarm and Orderwire Unit (Enhanced)		DS1	P	357C
C.O. Node - OC- 3 (FLM-150)	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	High Speed OC-3 LR Optics (1310 nm), SC, Hardened		DS1	P	357C
C.O. Node - OC- 3 (FLM-150)	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	High Speed Switch/Overhead Access		DS1	P	357C
C.O. Node - OC- 3 (FLM-150)	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Microprocessor (for TSA Enh and 150+ Configuration)		DS1	P	357C
C.O. Node - OC- 3 (FLM-150)	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Power Unit		DS1	P	357C
C.O. Node - OC- 3 (FLM-150)	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Supervisory - TL1/X.25 (for TSA Enh and 150+ Configuration)		DS1	P	357C
C.O. Node - OC- 3 (FLM-150)	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Time Slot Assignment - VT1.5, STS-1		DS1	P	357C
C.O. Node - OC- 3 (FLM-150)	Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	Timing Control Unit		DS1	P	357C
C.O. Node - OC- 3 Term (DDM-2000)	Florida	DDM-2000 OC-3 Terminal - Commons	Lucent DDM-2000 OC-3 UPSR	OC-3 OLIU		DS1	P	357C
C.O. Node - OC- 3 Term (DDM-2000)	Florida	DDM-2000 OC-3 Terminal - Commons	Lucent DDM-2000 OC-3 UPSR	OC-3 Release 9 Software		DS1	P	357C
C.O. Node - OC- 3 Term (DDM-2000)	Florida	DDM-2000 OC-3 Terminal - Commons	Lucent DDM-2000 OC-3 UPSR	Overhead Controller (R8-R9)		DS1	P	357C
C.O. Node - OC- 3 Term (DDM-2000)	Florida	DDM-2000 OC-3 Terminal - Commons	Lucent DDM-2000 OC-3 UPSR	Synchronous Timing Generator		DS1	P	357C
C.O. Node - OC- 3 Term (DDM-2000)	Florida	DDM-2000 OC-3 Terminal - Commons	Lucent DDM-2000 OC-3 UPSR	System Controller (R8-R9)		DS1	P	357C
C.O. Node - OC- 3 Term (FLM-150)	Florida	FLM-150 Terminal - Commons	Fujitsu FLM-150 OC-3 UPSR	Alarm and Orderwire Unit (Basic)		DS1	P	357C
C.O. Node - OC- 3 Term (FLM-150)	Florida	FLM-150 Terminal - Commons	Fujitsu FLM-150 OC-3 UPSR	High Speed OC-3 LR Optics (1310 nm), SC, Hardened		DS1	P	357C
C.O. Node - OC- 3 Term (FLM-150)	Florida	FLM-150 Terminal - Commons	Fujitsu FLM-150 OC-3 UPSR	High Speed Switch/Overhead Access		DS1	P	357C
C.O. Node - OC- 3 Term (FLM-150)	Florida	FLM-150 Terminal - Commons	Fujitsu FLM-150 OC-3 UPSR	Microprocessor (for TSA Enh and 150+ and SW Download)		DS1	P	357C
C.O. Node - OC- 3 Term (FLM-150)	Florida	FLM-150 Terminal - Commons	Fujitsu FLM-150 OC-3 UPSR	Power Unit		DS1	P	357C
C.O. Node - OC- 3 Term (FLM-150)	Florida	FLM-150 Terminal - Commons	Fujitsu FLM-150 OC-3 UPSR	Supervisory - TL1/X.25 (for TSA Enh and 150+ Configuration)		DS1	P	357C
C.O. Node - OC- 3 Term (FLM-150)	Florida	FLM-150 Terminal - Commons	Fujitsu FLM-150 OC-3 UPSR	Timing Control Unit		DS1	P	357C

t Price	Capacity	Unit Price	Utilization	Total Price
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MATERIAL PRICE PER UNIT

UNLEED PRICE PER UNIT

A B C D E F G H I J K L M N O

Fundamental	State	Primitive	Equipment	Part Name	Nvst Basis	Invst Type	FRC	Mat Price	Quantity	Tot Price	Capacity	Unit Price	Utilization	Util Price
C.O. Node - OC- 3+ (DDM-2000)	Florida	DDM-2000 OC3+ - Commons	Lucent DDM-2000 OC-12/OC3 UPSR	12" App Blank	DS1	P	357(							
C.O. Node - OC- 3+ (DDM-2000)	Florida	DDM-2000 OC3+ - Commons	Lucent DDM-2000 OC-12/OC3 UPSR	8" App Blank	DS1	P	357(							
C.O. Node - OC- 3+ (DDM-2000)	Florida	DDM-2000 OC3+ - Commons	Lucent DDM-2000 OC-12/OC3 UPSR	OC-12 Optical Line Interface Unit	DS1	P	357(							
C.O. Node - OC- 3+ (DDM-2000)	Florida	DDM-2000 OC3+ - Commons	Lucent DDM-2000 OC-12/OC3 UPSR	OC-12 Release 5 Software	DS1	P	357(							
C.O. Node - OC- 3+ (DDM-2000)	Florida	DDM-2000 OC3+ - Commons	Lucent DDM-2000 OC-12/OC3 UPSR	OC-3 IS-3 OLIU	DS1	P	357(							
C.O. Node - OC- 3+ (DDM-2000)	Florida	DDM-2000 OC3+ - Commons	Lucent DDM-2000 OC-12/OC3 UPSR	OC-3 IS-3 OLIU (SR LED)	DS1	P	357(							
C.O. Node - OC- 3+ (DDM-2000)	Florida	DDM-2000 OC3+ - Commons	Lucent DDM-2000 OC-12/OC3 UPSR	OC-3 Release 9 Software	DS1	P	357(							
C.O. Node - OC- 3+ (DDM-2000)	Florida	DDM-2000 OC3+ - Commons	Lucent DDM-2000 OC-12/OC3 UPSR	Overhead Controller (R4-R5)	DS1	P	357(							
C.O. Node - OC- 3+ (DDM-2000)	Florida	DDM-2000 OC3+ - Commons	Lucent DDM-2000 OC-12/OC3 UPSR	Overhead Controller (R8-R9)	DS1	P	357(							
C.O. Node - OC- 3+ (DDM-2000)	Florida	DDM-2000 OC3+ - Commons	Lucent DDM-2000 OC-12/OC3 UPSR	Synchronous Timing Generator	DS1	P	357(							
C.O. Node - OC- 3+ (DDM-2000)	Florida	DDM-2000 OC3+ - Commons	Lucent DDM-2000 OC-12/OC3 UPSR	System Controller (R4-R5)	DS1	P	357(							
C.O. Node - OC- 3+ (DDM-2000)	Florida	DDM-2000 OC3+ - Commons	Lucent DDM-2000 OC-12/OC3 UPSR	System Controller (R8-R9)	DS1	P	357(							
C.O. Node - OC- 3+ (DDM-2000)	Florida	DDM-2000 OC3+ - Commons	Lucent DDM-2000 OC-12/OC3 UPSR	Time Slot Interchange Flex	DS1	P	357(							
C.O. Node - OC- 3+ (DDM-2000)	Florida	DDM-2000 OC3+ - Commons	Lucent DDM-2000 OC-12/OC3 UPSR	Timing Generator	DS1	P	357(							

MATERIAL PRICE PER UNIT

UTILIZED PRICE PER UNIT

Fundamental	State	Primitive	Equipment	Part Name	fprmprt7	Nvst Basis	Invst Type	FRC	Mat Price	Quantity	Tot Price	Capacity	Unit Price	Utilization	Util Price
C.O. Node - OC- 3+ (FLM-150+)	Florida	FLM-150+ - Commons	Fujitsu FLM-150+ OC-12 UPSR	Alarm and Orderwire Unit (Enhanced)		DS1	P	357C							
C.O. Node - OC- 3+ (FLM-150+)	Florida	FLM-150+ - Commons	Fujitsu FLM-150+ OC-12 UPSR	High Speed OC-12 LR Optics NH (for 150+ Configuration)		DS1	P	357C							
C.O. Node - OC- 3+ (FLM-150+)	Florida	FLM-150+ - Commons	Fujitsu FLM-150+ OC-12 UPSR	High Speed Switch/Overhead Access		DS1	P	357C							
C.O. Node - OC- 3+ (FLM-150+)	Florida	FLM-150+ - Commons	Fujitsu FLM-150+ OC-12 UPSR	Microprocessor (for TSA Enh and 150+ Configuration)		DS1	P	357C							
C.O. Node - OC- 3+ (FLM-150+)	Florida	FLM-150+ - Commons	Fujitsu FLM-150+ OC-12 UPSR	Power Unit		DS1	P	357C							
C.O. Node - OC- 3+ (FLM-150+)	Florida	FLM-150+ - Commons	Fujitsu FLM-150+ OC-12 UPSR	Supervisory - TL1/X.25 (for TSA Enh and 150+ Configuration)		DS1	P	357C							
C.O. Node - OC- 3+ (FLM-150+)	Florida	FLM-150+ - Commons	Fujitsu FLM-150+ OC-12 UPSR	Time Slot Assignment - VT1.5, STS-1		DS1	P	357C							
C.O. Node - OC- 3+ (FLM-150+)	Florida	FLM-150+ - Commons	Fujitsu FLM-150+ OC-12 UPSR	Timing Control Unit		DS1	P	357C							

MATERIAL PRICE PER. UNIT

UTILIZED PRICE PER UNIT

Fundamental	State	Primitive	Equipment	Part Name fprmprt6	Nvst Basis	Invst Type	FRC	Mat Price	Quantity	Tot Price	Capacity	Unit Price	Util Price
C.O. Node - OC-12 (DDM-2000)	Florida	DDM-2000 OC-12 - Commons	Lucent DDM-2000 OC-12 UPSR	12" App Blank	DS1	P							
C.O. Node - OC-12 (DDM-2000)	Florida	DDM-2000 OC-12 - Commons	Lucent DDM-2000 OC-12 UPSR	6" App Blank	DS1	P							
C.O. Node - OC-12 (DDM-2000)	Florida	DDM-2000 OC-12 - Commons	Lucent DDM-2000 OC-12 UPSR	OC-12 Optical Line Interface Unit	DS1	P							
C.O. Node - OC-12 (DDM-2000)	Florida	DDM-2000 OC-12 - Commons	Lucent DDM-2000 OC-12 UPSR	OC-12 Release 5 Software	DS1	P							
C.O. Node - OC-12 (DDM-2000)	Florida	DDM-2000 OC-12 - Commons	Lucent DDM-2000 OC-12 UPSR	Overhead Controller (R4-R5)	DS1	P							
C.O. Node - OC-12 (DDM-2000)	Florida	DDM-2000 OC-12 - Commons	Lucent DDM-2000 OC-12 UPSR	System Controller (R4-R5)	DS1	P							
C.O. Node - OC-12 (DDM-2000)	Florida	DDM-2000 OC-12 - Commons	Lucent DDM-2000 OC-12 UPSR	Time Slot Interchange Flex	DS1	P							
C.O. Node - OC-12 (DDM-2000)	Florida	DDM-2000 OC-12 - Commons	Lucent DDM-2000 OC-12 UPSR	Timing Generator	DS1	P							
C.O. Node - OC-12 (FLM-600)	Florida	FLM-600 - Commons	Fujitsu FLM-600 OC-12 UPSR	Alarm/Orderwire Unit - Enhanced	DS1	P							
C.O. Node - OC-12 (FLM-600)	Florida	FLM-600 - Commons	Fujitsu FLM-600 OC-12 UPSR	HS Optical 1xOC-12 Interface, LR (1310 nm), SC, NH	DS1	P							
C.O. Node - OC-12 (FLM-600)	Florida	FLM-600 - Commons	Fujitsu FLM-600 OC-12 UPSR	High Speed Switch and Overhead Access Unit	DS1	P							
C.O. Node - OC-12 (FLM-600)	Florida	FLM-600 - Commons	Fujitsu FLM-600 OC-12 UPSR	Microprocessor Unit for Terminal, Hub, ADM, Ring, and Regen	DS1	P							
C.O. Node - OC-12 (FLM-600)	Florida	FLM-600 - Commons	Fujitsu FLM-600 OC-12 UPSR	Power Unit for all Applications	DS1	P	357C						
C.O. Node - OC-12 (FLM-600)	Florida	FLM-600 - Commons	Fujitsu FLM-600 OC-12 UPSR	Supervisory - TL1/X.25	DS1	P	357C						
C.O. Node - OC-12 (FLM-600)	Florida	FLM-600 - Commons	Fujitsu FLM-600 OC-12 UPSR	Timing Control Unit	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons (Intermediate)	FLM-2400 OC-48 BLSR (2 Fiber)	Alarm Unit, all applications, provides Alarm and 2W/4W Order	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons (Intermediate)	FLM-2400 OC-48 BLSR (2 Fiber)	High Speed Switch Control for Ring (TSAx48)	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons (Intermediate)	FLM-2400 OC-48 BLSR (2 Fiber)	Microprocessor for all TL-1/X.25 (1+1) applications (Term, R	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons (Intermediate)	FLM-2400 OC-48 BLSR (2 Fiber)	Mux/Demux and Timing Control for ADM, Ring, both 1+1 and 1:N	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons (Intermediate)	FLM-2400 OC-48 BLSR (2 Fiber)	Optical 1 x OC-48 RECEIVE (1310 nm, SC)	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons (Intermediate)	FLM-2400 OC-48 BLSR (2 Fiber)	Optical 1 x OC-48 TRANSMIT (1310 nm, SC)	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons (Intermediate)	FLM-2400 OC-48 BLSR (2 Fiber)	Power Supply for HS Common Units- OC-48 High Speed Shelf	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons (Intermediate)	FLM-2400 OC-48 BLSR (2 Fiber)	Power Unit, supports HD Trib optics or DS3s/STS-1s	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons (Intermediate)	FLM-2400 OC-48 BLSR (2 Fiber)	Supervisory OS Interface for TL-1/X.25 1+1 Applications (TSA	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons (Intermediate)	FLM-2400 OC-48 BLSR (2 Fiber)	Tributary Shelf Processor (MPU)	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FT-2000)	Florida	FT-2000 OC-48 (BLSR) - Commons (Intermediate)	Lucent FT-2000 OC-48 BLSR	LSSW Circuit Pack (Reqd for Electrical Prot)	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FT-2000)	Florida	FT-2000 OC-48 (BLSR) - Commons (Intermediate)	Lucent FT-2000 OC-48 BLSR	Line Controller	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FT-2000)	Florida	FT-2000 OC-48 (BLSR) - Commons (Intermediate)	Lucent FT-2000 OC-48 BLSR	OC-48 RCVR (A/D) Circuit Pack	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FT-2000)	Florida	FT-2000 OC-48 (BLSR) - Commons (Intermediate)	Lucent FT-2000 OC-48 BLSR	OC-48 Release 5.0 Software	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FT-2000)	Florida	FT-2000 OC-48 (BLSR) - Commons (Intermediate)	Lucent FT-2000 OC-48 BLSR	OC-48 TRMTR (A/D) Circuit Pack, 1310, 24dB	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FT-2000)	Florida	FT-2000 OC-48 (BLSR) - Commons (Intermediate)	Lucent FT-2000 OC-48 BLSR	Overhead Controller	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FT-2000)	Florida	FT-2000 OC-48 (BLSR) - Commons (Intermediate)	Lucent FT-2000 OC-48 BLSR	System Controller	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FT-2000)	Florida	FT-2000 OC-48 (BLSR) - Commons (Intermediate)	Lucent FT-2000 OC-48 BLSR	System Memory	DS1	P	357C						
C.O. Node - OC-48 (BLSR) Intermediate (FT-2000)	Florida	FT-2000 OC-48 (BLSR) - Commons (Intermediate)	Lucent FT-2000 OC-48 BLSR	TG3 (DS1) Circuit Pack	DS1	P	357C						

MATERIAL PRICE PER UNIT

UTILIZED PRICE PER UNIT

Fundamental	State	Primitive	Equipment	Part Name	Nvst Basis	Invst Type	FRC	Mat Price	Quantity	Tot Price	Capacity	Unit Price	Utilization	Util Price
C.O. Node - OC-48 BLSR (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons	FLM-2400 OC-48 BLSR (2 Fiber)	Alarm Unit, all applications, provides Alarm and 2W/4W Order	DS1	P	357C							
C.O. Node - OC-48 BLSR (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons	FLM-2400 OC-48 BLSR (2 Fiber)	High Speed Switch Control for Ring (TSAx48)	DS1	P	357C							
C.O. Node - OC-48 BLSR (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons	FLM-2400 OC-48 BLSR (2 Fiber)	Microprocessor for all TL-1/X.25 (1+1) applications (Term, R	DS1	P	357C							
C.O. Node - OC-48 BLSR (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons	FLM-2400 OC-48 BLSR (2 Fiber)	Mux/Demux and Timing Control for ADM, Ring, both 1+1 and 1:N	DS1	P	357C							
C.O. Node - OC-48 BLSR (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons	FLM-2400 OC-48 BLSR (2 Fiber)	Optical 1 x OC-48 RECEIVE (1310 nm, SC)	DS1	P	357C							
C.O. Node - OC-48 BLSR (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons	FLM-2400 OC-48 BLSR (2 Fiber)	Optical 1 x OC-48 TRANSMIT (1310 nm, SC)	DS1	P	357C							
C.O. Node - OC-48 BLSR (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons	FLM-2400 OC-48 BLSR (2 Fiber)	Power Supply for HS Common Units- OC-48 High Speed Shelf	DS1	P	357C							
C.O. Node - OC-48 BLSR (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons	FLM-2400 OC-48 BLSR (2 Fiber)	Power Unit, supports HD Trib optics or DS3s/STS-1s	DS1	P	357C							
C.O. Node - OC-48 BLSR (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons	FLM-2400 OC-48 BLSR (2 Fiber)	Supervisory OS Interface for TL-1/X.25 1+1 Applications (TSA	DS1	P	357C							
C.O. Node - OC-48 BLSR (FLM-2400)	Florida	FLM-2400 (BLSR) - Commons	FLM-2400 OC-48 BLSR (2 Fiber)	Tributary Shelf Processor (MPU)	DS1	P	357C							
C.O. Node - OC-48 BLSR (FT-2000)	Florida	FT-2000 OC-48 (BLSR) - Commons	Lucent FT-2000 OC-48 BLSR	LSSW Circuit Pack (Reqd for Electrical Prot)	DS1	P	357C							
C.O. Node - OC-48 BLSR (FT-2000)	Florida	FT-2000 OC-48 (BLSR) - Commons	Lucent FT-2000 OC-48 BLSR	Line Controller	DS1	P	357C							
C.O. Node - OC-48 BLSR (FT-2000)	*Florida*	*FT-2000 OC-48 (BLSR) - Commons*	*Lucent FT-2000 OC-48 BLSR*	*OC-48 RCVR (A/D) Circuit Pack*	*DS1*	*P*	*357C*							
C.O. Node - OC-48 BLSR (FT-2000)	Florida	FT-2000 OC-48 (BLSR) - Commons	Lucent FT-2000 OC-48 BLSR	OC-48 Release 5.0 Software	DS1	P	357C							
C.O. Node - OC-48 BLSR (FT-2000)	Florida	FT-2000 OC-48 (BLSR) - Commons	Lucent FT-2000 OC-48 BLSR	OC-48 TRMTR (A/D) Circuit Pack, 1310, 24dB	DS1	P	357C							
C.O. Node - OC-48 BLSR (FT-2000)	Florida	FT-2000 OC-48 (BLSR) - Commons	Lucent FT-2000 OC-48 BLSR	Overhead Controller	DS1	P	357C							
C.O. Node - OC-48 BLSR (FT-2000)	Florida	FT-2000 OC-48 (BLSR) - Commons	Lucent FT-2000 OC-48 BLSR	System Controller	DS1	P	357C							
C.O. Node - OC-48 BLSR (FT-2000)	Florida	FT-2000 OC-48 (BLSR) - Commons	Lucent FT-2000 OC-48 BLSR	System Memory	DS1	P	357C							
C.O. Node - OC-48 BLSR (FT-2000)	Florida	FT-2000 OC-48 (BLSR) - Commons	Lucent FT-2000 OC-48 BLSR	TG3 (DS1) Circuit Pack	DS1	P	357C							

L1

L2

MATERIAL PRICE PER UNIT

UTILIZED PRICE PER UNIT

State	Primitive	Equipment	Nvst Basis	Nvst Type	FRC	Fundamental	Quantity	Util Price	Total Mat Price
Florida	DDM-2000 OC-3 - Commons	Lucent DDM-2000 OC-3 UPSR	DS1	P	357C	C.O. Node - OC- 3 (DDM-2000)			
Florida	DDM-2000 OC-3 Terminal - Commons	Lucent DDM-2000 OC-3 UPSR	DS1	P	357C	C.O. Node - OC- 3 Term (DDM-2000)			
Florida	FLM-150 - Commons	Fujitsu FLM-150 OC-3 UPSR	DS1	P	357C	C.O. Node - OC- 3 (FLM-150)			
Florida	FLM-150 Terminal - Commons	Fujitsu FLM-150 OC-3 UPSR	DS1	P	357C	C.O. Node - OC- 3 Term (FLM-150)			
Florida	FLM-150+ - Commons	Fujitsu FLM-150+ OC-12 UPSR	DS1	P	357C	C.O. Node - OC- 3+ (FLM-150+)			

UTILIZED PRICE PER UNIT

State	Primitive	Equipment	Nvst Basis	Type	FRC	Fundamental	Quantity	Util Price	Util/Mat Price
Florida	DDM-200(2 - Commons	Lucent DDM-2000 OC-12 UPSR	DS1	I	357C	C.O. Node - OC-12 (DDM-2000)			
Florida	FLM-2400 (BLSR) - Commons	FLM-2400 OC-48 BLSR (2 Fiber)	DS1	P	357C	C.O. Node - OC-48 BLSR (FLM-2400)			
Florida	FLM-2400 (BLSR) - Commons (Intermediate)	FLM-2400 OC-48 BLSR (2 Fiber)	DS1	P	357C	C.O. Node - OC-48 (BLSR) Intermediate (FLM-2400)			
Florida	FLM-600 - Commons	Fujitsu FLM-600 OC-12 UPSR	DS1	P	357C	C.O. Node - OC-12 (FLM-600)			
Florida	FT-2000 OC-48 (BLSR) - Commons	Lucent FT-2000 OC-48 BLSR	DS1	P	357C	C.O. Node - OC-48 BLSR (FT-2000)			
Florida	FT-2000 OC-48 (BLSR) - Commons (Intermediate)	Lucent FT-2000 OC-48 BLSR	DS1	P	357C	C.O. Node - OC-48 (BLSR) Intermediate (FT-2000)			
Florida	DDM-2000 OC3+ - Commons	Lucent DDM-2000 OC-12/OC3 UP	DS1	P	357C	C.O. Node - OC- 3+ (DDM-2000)			

UTILIZED PRICE PER UNIT

Fujitsu SONET Products Configuration Spreadsheet

6/4/97

Fujitsu FLM-150 OC-3 UPSR

Description (A)	Unit Type (B)	CLEI Code (C)	IBST Unit Price (D)	Shelf & Commons (E)	28 DS1 QTY (F)	56 DS1 QTY (G)	84 DS1 QTY (H)	1 DS3 QTY (I)	2 DS3 QTY (J)	3 DS3 QTY (K)	1 DS3 / 56 DS1 QTY (L)	2 DS3 / 28 DS1 QTY (M)
Alarm and Orderwire Unit (Basic)	AW1A-BSC			0	0	0	0	0	0	0	0	0
Alarm and Orderwire Unit (Enhanced)	AW1A-ENH	SNPQADB5AA		1	1	1	1	1	1	1	1	1
High Speed OC-3 SR Optics (1310 nm), SC, Hardened	HC1A-3SC1	SNC1J3E2AA		0	0	0	0	0	0	0	0	0
High Speed OC-3 MR Optics (1310 nm), SC, Hardened	HC1A-3MC1 (I3)	SNCU7R01AC		0	0	0	0	0	0	0	0	0
High Speed OC-3 LR Optics (1310 nm), SC, Hardened	HC1A-3LC1 (I3)	SNCU8S01AB		2	2	2	2	2	2	2	2	2
High Speed OC-3 VLR Optics (1550 nm), SC, Non-Hardened	HC1A-3LC2 (I2)	SNCU8T01AB		0	0	0	0	0	0	0	0	0
High Speed OC-3 VLR Optics (1310 nm), SC, Non-Hardened	HC1A-3LC3 (I2)			0	0	0	0	0	0	0	0	0
High Speed OC-12 LR Optics NH (for 150+ Configuration)	HC1A-6LC1	SNCU60K1AA		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	SNCLR402AC		0	0	0	0	0	0	0	0	0
High Speed Switch/Overhead Access	HS1A-AD1	SNPQAN55AA		1	1	1	1	1	1	1	1	1
Microprocessor	MP1A-V2	SNPQAKA5AA		0	0	0	0	0	0	0	0	0
Microprocessor (for TSA Enh and 150+ and SW Download)	MP1A-ADL			0	0	0	0	0	0	0	0	0
Microprocessor (for TSA Enh and 150+ Configuration)	MP1A-V3	SNPQA7R5AA		1	1	1	1	1	1	1	1	1
Power Unit	PW1A	SNPQACW5AA		2	2	2	2	2	2	2	2	2
Supervisory - TL1/X.25 (for TSA Enh and 150+ and SW Download)	SV1A-TDL			0	0	0	0	0	0	0	0	0
Supervisory - TL1/X.25 (for TSA Enh and 150+ Configuration)	SV1A-TL4	SNPQA7S5AA		1	1	1	1	1	1	1	1	1
Timing Control Unit	TCA	SNPQADL5AA		2	2	2	2	2	2	2	2	2
Time Slot Assignment - VT1.5, STS-1	TS1A	SNPQADD5AA		2	2	2	2	2	2	2	2	2
Time Slot Assignment - VT1.5, STS-1 Enhanced	TS1A-ENH	SNPQA7U5AA		0	0	0	0	0	0	0	0	0
150 ADM Shelf	Shelf	SNMSBG02RA		1	1	1	1	1	1	1	1	1
Heat Baffle/Fiber Tray				1	1	1	1	1	1	1	1	1
Low Speed - 4 X DS1	LC1A-D1	SNCLPV42AB		0	0	0	0	0	0	0	0	0
Low Speed - 4 X DS1 w/ DS1 PM	LC1A-D1E	SNPQA3U5AA		0	0	0	0	0	0	0	0	0
Low Speed - 4 X DS1 w/ Far End Path DS1 PM	LC1A-D1E2			0	8	16	24	0	0	0	16	8
Low Speed - OVTG	LC1A-F6 (I3)	SNCU9V01AA		0	0	0	0	0	0	0	0	0
Low Speed Switch -DS1/OVTG	LS1A-D1	SNCLNU92AA		0	1	2	3	0	0	0	2	1
Middle Speed - Mux/Demux for DS1	MC1A-MDM1	SNCLLS42AB		0	2	4	6	0	0	0	4	2
EOC (DCC) SONET Overhead Processor	EC1A	SNC1X1A2AA		0	0	0	0	0	0	0	0	0
EOC (DCC) SONET Overhead Processor (Software Download)	EC1A-DL1			0	0	0	0	0	0	0	0	0
Middle Speed - STS-1 Interface (Enhanced)	MC1A-STS1	SNC1GC02AA		0	0	0	0	0	0	0	0	0
Middle Speed - DS3 Interface	MC1A-D3	SNCLMT02AA		0	0	0	0	0	0	0	0	0
Middle Speed - DS3 Interface (Enhanced)	MC1A-D3A2	SNCLM602AA		0	0	0	0	2	4	6	2	4
Total												

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Lucent DDM-2000 OC-3 UPSR

A Functional Name	B Product Code	C CLEI Code	D BST Unit Price	E Shelf & Commons	F 28 DS1 QTY	G 56 DS1 QTY	H 84 DS1 QTY	I 1 DS3 QTY	J 2 DS3 QTY	K 3 DS3 QTY	L 1 DS3 / 56 DS1 QTY	M 2 DS3 / 28 DS1 QTY
OC-3 Shelf Assembly	ED-6C724-30			0	0	0	0	0	0	0	0	0
Bay e/w 1 OC-3 shelf and heat baffle				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 (SR LED)	22D-U OLIU	SNCMVE0xx		0	0	0	0	0	0	0	0	0
OC-3 OLIU	21G-U OLIU	SNTRABCxx		0	0	0	0	0	0	0	0	0
OC-3 OLIU w/TSI (IR)	22F2-U	SNI23Z0xx		0	0	0	0	0	0	0	0	0
OC-3 OLIU w/TSI (LR)	22G2-U	SNTRFBXxx		2	2	2	2	2	2	2	2	2
Synchronous Timing Generator	B8F2B	SNPQA16xx		2	2	2	2	2	2	2	2	2
System Controller (R3-R7)	BBG5	DMPQ00Wxx		0	0	0	0	0	0	0	0	0
Overhead Controller (R3-R7)	BBG7	DMPQ0AJxx		0	0	0	0	0	0	0	0	0
System Controller (R8-R9)	BBG8	SNC11W0xx		1	1	1	1	1	1	1	1	1
Overhead Controller (R8-R9)	BBG9	SNC11VLxx		1	1	1	1	1	1	1	1	1
OC-3 Release 8 Software	ED-6C724-39G1			0	0	0	0	0	0	0	0	0
OC-3 Release 7 Software	ED-6C724-38G1			0	0	0	0	0	0	0	0	0
OC-3 Release 9 Software	ED-6C724-40G1			1	1	1	1	1	1	1	1	1
OC-3 Release 11 Software				0	0	0	0	0	0	0	0	0
OC-1 OLIU FiberReach	27G-U	SNPQWACxx		0	0	0	0	0	0	0	0	0
VT-to-STS-1 multiplexer	BBG2	SNCMAA2xx		0	2	4	6	0	0	0	4	2
DS1 LS Card w/o PM	B8F1B	SNCLA70xx			0	0	0	0	0	0	0	0
DS1 LS Card w/ PM	B8F3	SNPQAM4xx			8	16	24	0	0	0	16	8
Retainer Card (unused slots of a partially equipped LS group)	177A	SNPQWACxx			0	0	0	0	0	0	0	0
DS3 low-speed interface	BBG4B	SNCLBBBxx			0	0	0	2	4	6	2	4
STS1E LS & HS	BBG6	SNPQWAExx			0	0	0	0	0	0	0	0
Total												

Lucent Technologies SONET Products Configuration Spreadsheet

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7-21-97 (price)

Lucent DDM-2000 OC-3+ UPSR (5/97, R11)

A Functional Name	B Product Code	C CLEI Code	D BST Unit Price	E Shelf & Commons	F 28 DS1 QTY	G 56 DS1 QTY	H 84 DS1 QTY
Bay e/w 1 OC-3 shelf and heat baffle				1	1	1	1
Full Electrtical Cabling				1	1	1	1
Lot Fiber Jumpers				1	1	1	1
OC-12 OLIU w/TSI (LR)	SNRXDW0xx	24G-U #106		2	2	2	2
Synchronous Timing Generator	BBF2B	SNPQA16xx #113		2	2	2	2
System Controller (R8-R9)	BBG8	SNC11W0xx #114		1	1	1	1
Overhead Controller (R8-R9)	BBG9	SNC11VLxx #112		1	1	1	1
OC-3 Release 11 Software	ED-8C724-41G1			1	1	1	1
VT-to-STS-1 multiplexer	BBG2	SNCMAA2xx		0	2	4	6
DS1 LS Card w/o PM	BBF1B	SNCLA70xx		0	0	0	0
DS1 LS Card w/ PM	BBF3	SNPQAM4xx		0	8	16	24
Retainer Card (unused slots of a partially equipped LS group)	177A	SNPQWACxx		0	0	0	0
Total							

Fujitsu SONET Products Configuration Spreadsheet

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Fujitsu FLM-150 OC-3 UPSR

Description	Unit Type	CLEI Code	BST Unit Price	Shelf & Commons QTY	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	SNPQADB5AA		1	1	1	1	1	1	1	1	1
High Speed OC-3 SR Optics (1310 nm), SC, Hardened	HC1A-3SC1	SNC1J3E2AA		0	0	0	0	0	0	0	0	0
High Speed OC-3 MR Optics (1310 nm), SC, Hardened	HC1A-3MC1 (I3)	SNCU7R01AC		0	0	0	0	0	0	0	0	0
High Speed OC-3 LR Optics (1310 nm), SC, Hardened	HC1A-3LC1 (I3)	SNCU8S01AB		2	2	2	2	2	2	2	2	2
High Speed OC-3 VLR Optics (1550 nm), SC, Non-Hardened	HC1A-3LC2 (I2)	SNCU8T01AB		0	0	0	0	0	0	0	0	0
High Speed OC-3 VLR Optics (1310 nm), SC, Non-Hardened	HC1A-3LC3 (I2)			0	0	0	0	0	0	0	0	0
High Speed OC-12 LR Optics NH (for 150+ Configuration)	HC1A-6LC1	SNCU80K1AA		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	SNCLR402AC		0	0	0	0	0	0	0	0	0
High Speed Switch/Overhead Access	HS1A-AD1	SNPQAN55AA		1	1	1	1	1	1	1	1	1
Microprocessor	MP1A-V2	SNPQAKA5AA		0	0	0	0	0	0	0	0	0
Microprocessor (for TSA Enh and 150+ and SW Download)	MP1A-ADL			0	0	0	0	0	0	0	0	0
Microprocessor (for TSA Enh and 150+ Configuration)	MP1A-V3	SNPQA7R5AA		1	1	1	1	1	1	1	1	1
Power Unit	PW1A	SNPQACW5AA		2	2	2	2	2	2	2	2	2
Supervisory - TL1/X.25 (for TSA Enh and 150+ and SW Download)	SV1A-TDL			0	0	0	0	0	0	0	0	0
Supervisory - TL1/X.25 (for TSA Enh and 150+ Configuration)	SV1A-TL4	SNPQA7S5AA		1	1	1	1	1	1	1	1	1
Timing Control Unit	TCA	SNPQADL5AA		2	2	2	2	2	2	2	2	2
Time Slot Assignment - VT1.5, STS-1	TS1A	SNPQADD5AA		2	2	2	2	2	2	2	2	2
Time Slot Assignment - VT1.5, STS-1 Enhanced	TS1A-ENH	SNPQA7U5AA		0	0	0	0	0	0	0	0	0
150 ADM Shelf	Shelf	SNMSBG02RA		1	1	1	1	1	1	1	1	1
Heat Baffle/Fiber Tray				1	1	1	1	1	1	1	1	1
Low Speed - 4 X DS1	LC1A-D1	SNCLPV42AB		0	0	0	0	0	0	0	0	0
Low Speed - 4 X DS1 w/ DS1 PM	LC1A-D1E	SNPQA3U5AA		0	0	0	0	0	0	0	0	0
Low Speed - 4 X DS1 w/ Far End Path DS1 PM	LC1A-D1E2			0	8	16	24	0	0	0	16	8
Low Speed - OVTG	LC1A-F6 (I3)	SNCU9V01AA		0	0	0	0	0	0	0	0	0
Low Speed Switch -DS1/OVTG	LS1A-D1	SNCLNU92AA		0	1	2	3	0	0	0	2	1
Middle Speed - Mux/Demux for DS1	MC1A-MDM1	SNCLLS42AB		0	2	4	6	0	0	0	4	2
EOC (DCC) SONET Overhead Processor	EC1A	SNC1X1A2AA		0	0	0	0	0	0	0	0	0
EOC (DCC) SONET Overhead Processor (Software Download)	EC1A-DL1			0	0	0	0	0	0	0	0	0
Middle Speed - STS-1 Interface (Enhanced)	MC1A-STS1	SNC1GC02AA		0	0	0	0	0	0	0	0	0
Middle Speed - DS3 Interface	MC1A-D3	SNCLMT02AA		0	0	0	0	0	0	0	0	0
Middle Speed - DS3 Interface (Enhanced)	MC1A-D3A2	SNCLM602AA		0	0	0	0	2	4	6	2	4
Total												

A B C D E F G H I J K L M N O P

Fujitsu SONET Products Configuration Spreadsheet

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FLM-2400 OC-48 BLSR (2 Fiber) - Same Price as UPSR

Description	Unit Type	CLEI Code	BST Unit Price	Shelf's Commone	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	46 DS3 QTY
Alarm Unit, all applications, provides Alarm and 4W Orderwire	AW2H-A1	SNPQALX5A*		0	0	0	0	0	0	0	0	0	0	0	0
Alarm Unit, all applications, provides Alarm and 2W/4W Orderwire	AW2H-A2 (I2)	SNPQAZX5		1	1	1	1	1	1	1	1	1	1	1	1
Mux/Demux and Timing Control for ADM, Ring, both 1+1 and 1:N (TS	HM2H-A1 (I3)	SNPQAYJ5		2	2	2	2	2	2	2	2	2	2	2	2
Mux/Demux and Timing Control for Term (1+1) and Term (1:N Workin	HM2H-A2 (I3)	SNPQAW85		0	0	0	0	0	0	0	0	0	0	0	0
Mux/Demux and Timing Control for Regenerator	HM2H-A3 (I2)	SNPQA295		0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch Control for Terminal 1+1	*HS2H-LTE1 (I2)*	SNPQAML5		0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch Control for ADM 1+1	HS2H-ADM1	SNPQAYL5		0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch Control for Regenerator	HS2H-REG	SNPQALW5		0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch Control for Ring (TSAx48)	HS2H-RNG2	SNPQAZZ5		1	1	1	1	1	1	1	1	1	1	1	1
Optical 1 x OC-48 TRANSMIT (1310 nm, SC)	HT2H-L1BC (I4)	SNPQAWA5		2	2	2	2	2	2	2	2	2	2	2	2
Optical 1 x OC-48 TRANSMIT (1550 nm, SC)	HT2H-L2BC (I2)	SNPQAZ25		0	0	0	0	0	0	0	0	0	0	0	0
Optical 1 x OC-48 RECEIVE (1310 nm, SC)	HR2H-L1BC	SNPQAWB5		2	2	2	2	2	2	2	2	2	2	2	2
Optical 1 x OC-48 RECEIVE (1550 nm, SC)	HR2H-L2BC	SNPQAZ35		0	0	0	0	0	0	0	0	0	0	0	0
Microprocessor for all TL-1/X.25 (1+1) applications (Term, Reg, ADM,	MP2H-T12 (I2)	SNPQA7H5		1	1	1	1	1	1	1	1	1	1	1	1
Microprocessor for HS (Slave), 1+1 ADM	MP2H-SLV	SNPQAZY5		0	0	0	0	0	0	0	0	0	0	0	0
Power Supply for HS Common Units- OC-48 High Speed Shelf	PW2H-HS	SNPQALD5		1	1	1	1	1	1	1	1	1	1	1	1
Supervisory OS Interface for TL-1/X.25 1+1 Applications (TSAx48)	SV2H-T12 (I2)	SNPQA7G5		1	1	1	1	1	1	1	1	1	1	1	1
Filter attaches to fan shelf	AIR FILTER			1	1	1	1	1	1	1	1	1	1	1	1
High Speed Fan Shelf	FAN SHELF (I2)	SNPYAAKB		1	1	1	1	1	1	1	1	1	1	1	1
Fan Unit	FAN UNIT	SNPQAMS5		1	1	1	1	1	1	1	1	1	1	1	1
Heat Shield, Two Unit High	HEAT SHIELD			1	1	1	1	1	1	1	1	1	1	1	1
FLM-2400 High Speed Shelf	*SHELF-24HSE*	SNMAB2Y3		1	1	1	1	1	1	1	1	1	1	1	1
Tributary Shelf Processor (MPU)	MP2T-T12 (I2)	SNPQA7J5A		1	1	1	1	1	1	1	1	1	2	2	2
Power Unit, supports HD Trib optics or DS3s/STS-1s	PW1A-TRIB	SNPQA795A		2	2	2	2	2	2	2	2	2	4	4	4
Muldem, required for all HD Configs with OC-12	HC2T-C12L (I2)	SNPQA755A		0	0	0	0	0	0	0	0	0	0	0	0
Optical 1xOC-12 HD Shelf Interface (1310 nm, LR, SC)	MC6A-2LC1	SNC1NFE2A		0	0	0	0	0	0	0	0	0	0	0	0
Optical 1xOC-12 HD Shelf Interface (1550 nm, LR, SC)	MC6A-2LC2	SNC1PGE2A		0	0	0	0	0	0	0	0	0	0	0	0
Passes Clock Signal in OC-12 HD trib applications	MC6A-2THR	SNPQA765A		0	0	0	0	0	0	0	0	0	0	0	0
Group Processor, Required for OC-3 and OC-12 Interfaces	HS2T-C3 (I2)			0	0	0	0	0	0	0	0	0	0	0	0
Optical 1xOC-3 HD Shelf Interface (1310 nm, SR, SC)	MC6A-31SC	SNC1KEE2A		0	0	0	0	0	0	0	0	0	0	0	0
Optical 1xOC-3 HD Shelf Interface (1310 nm, IR, SC)	MC6A-31MC	SNC1REE2A		0	0	0	0	0	0	0	0	0	0	0	0
Optical 1xOC-3 HD Shelf Interface (1310 nm, LR, SC)	MC6A-31LC	SNC1NEE2A		0	0	0	0	0	0	0	0	0	0	0	0
Bridge Unit for OC-3 in HD Shelf	MC6A-3BRD(I2)	SNPQA775A		0	0	0	0	0	0	0	0	0	0	0	0
Cable for Bidge Unit	MC6A-3BRD Cable			0	0	0	0	0	0	0	0	0	0	0	0
Group Processor, Required for DS3 Interfaces	HS2T-D3	SNPQALA5A		0	1	1	1	1	2	2	2	2	3	3	4
Electrical 3xDS3 Interface, protected 1:4 in HD quadrant	MC6A-D3E (I2)	SNPQAK85		0	0	0	0	0	0	0	0	0	0	0	0
Electrical 3xDS3 Interface (enhanced), protected 1:4 in HD quadrant	MC6A-D3E2	SNPQA9D5		0	2	3	4	5	7	8	9	10	12	15	20
Switch for DS3 or STS-1 Interfaces	MS2T-D31	SNPQALB5		0	1	1	1	1	2	2	2	2	3	3	4
Muldem, required for all HD Configs with DS3, STS-1, and OC-3	HC2T-MDL (I3)	SNPQA5E5		0	2	2	2	2	4	4	4	4	6	6	8
Group Processor, Required for STS-1 Interfaces	HS2T-S1 (I2)	SNPQA9L5		0	0	0	0	0	0	0	0	0	0	0	0
Electrical 3xSTS-1 Interface, protected 1:4 in HD quadrant	MC6A-ST1E	SNC1G702		0	0	0	0	0	0	0	0	0	0	0	0
Ribbon Coax between HS and HD Trib (2/12 STS-1s)	TRIB CABLE			2	2	2	2	2	4	4	4	4	8	8	8
Ribbon Coax between HS and HD Trib (2/12 STS-1s)	TRIB CABLE			0	0	0	0	0	0	0	0	0	0	0	0
Coax Between HCA6-6EL2 modules	TRIB CABLE			0	0	0	0	0	0	0	0	0	0	0	0
High Density Tributary Shelf	SHELF-TRIB (I3)	SNMSSM0		1	1	1	1	1	1	1	1	1	2	2	2
Total				6											

Lucent Technologies SONET Products Configuration Spreadsheet

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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 Release 7.1 Software					1	1	1	1	1	1	1	1	1	1	1
OC-48 Release 2.1 Terminal Software					0	0	0	0	0	0	0	0	0	0	0
OC-48 Release 4.0 Regenerator Software					0	0	0	0	0	0	0	0	0	0	0
OC-48 TRMTR Circuit Pack, 1310, 24dB	739B1	SNRTFECAxx			0	0	0	0	0	0	0	0	0	0	0
OC-48 RCVR Circuit Pack	839B1	SNRTGFFAxx			0	0	0	0	0	0	0	0	0	0	0
OC-48 TRMTR (A/D) Circuit Pack, 1310, 24dB	739B5	SNRT7EOAxx			2	2	2	2	2	2	2	2	2	2	2
OC-48 RCVR (A/D) Circuit Pack	839B5	SNC3BDOAxx			2	2	2	2	2	2	2	2	2	2	2
TG3 (DS1) Circuit Pack	LAA18	SNPQARBAxx			2	2	2	2	2	2	2	2	2	2	2
Overhead Controller	LAA21	SNPQAHFAxx			2	2	2	2	2	2	2	2	2	2	2
System Controller	LAA23B	SNPQAVCAxx			1	1	1	1	1	1	1	1	1	1	1
System Memory	LAA25	SNPQWA1Axx			1	1	1	1	1	1	1	1	1	1	1
Line Controller	LAA28	SNPQARCAxx			1	1	1	1	1	1	1	1	1	1	1
Line Controller	LAA27	SNPQWAXAxx			0	0	0	0	0	0	0	0	0	0	0
TOHCTL (OC-3 DCC)	LAA26	SNCL300Axx			0	0	0	0	0	0	0	0	0	0	0
OC-48 Regenerator, 24 db	39B2	SNPQAVEAxx			0	0	0	0	0	0	0	0	0	0	0
3/4" App Blank	179B				0	0	0	0	0	0	0	0	0	0	0
1" App Blank	179C				0	0	0	0	0	0	0	0	0	0	0
2 1/4" App Blank	179E				0	0	0	0	0	0	0	0	0	0	0
4 1/2" App Blank	179H				0	0	0	0	0	0	0	0	0	0	0
LSSW Circuit Pack (Reqd for Electrical Prot)	LAA12	SNCLFL0AAA			2	2	2	2	2	2	2	2	2	2	2
Triple DS3 Circuit Pack	LAA2	SNCLGOOAAA			2	3	4	5	6	7	8	9	12	14	18
Triple STS1E Circuit Pack	LAA4	SNCLZJOAAA			0	0	0	0	0	0	0	0	0	0	0
OC-3 Circuit Pack	LAA10	SNCLZDOAAA			0	0	0	0	0	0	0	0	0	0	0
OC-12 Circuit Pack	T939A	SNIZMOOBxx			0	0	0	0	0	0	0	0	0	0	0
OC-48 2 Fiber Ring Bay	J68974E-L5				1	1	1	1	1	1	1	1	1	1	1
OC-48 Terminal Bay	J68974E-L4				0	0	0	0	0	0	0	0	0	0	0
Full Electrical Cabling					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
OC-48 Regenerator Bay	J68974R-L1				0	0	0	0	0	0	0	0	0	0	0
Total															

Lucent Technologies SONET Products Configuration Spreadsheet

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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	1 4 OC-3 QTY
OC-48 Release 7.1 Software					1	1	1	1	1	1	1	1	1	1	0
OC-48 Release 2.1 Terminal Software					0	0	0	0	0	0	0	0	0	0	1
OC-48 Release 4.0 Regenerator Software					0	0	0	0	0	0	0	0	0	0	0
OC-48 TRMTR Circuit Pack, 1310, 24dB	739B1	SNRTFECAxx			0	0	0	0	0	0	0	0	0	0	0
OC-48 RCVR Circuit Pack	839B1	SNRTGFFAxx			0	0	0	0	0	0	0	0	0	0	2
OC-48 TRMTR (A/D) Circuit Pack, 1310, 24dB	739B5	SNRT7EOAxx			2	2	2	2	2	2	2	2	2	2	0
OC-48 RCVR (A/D) Circuit Pack	839B5	SNC3BDOAxx			2	2	2	2	2	2	2	2	2	2	1
TG3 (DS1) Circuit Pack	LAA18	SNPQARBAxx			2	2	2	2	2	2	2	2	2	2	0
Overhead Controller	LAA21	SNPQAHFAxx			2	2	2	2	2	2	2	2	2	2	1
System Controller	LAA23B	SNPQAVCAxx			1	1	1	1	1	1	1	1	1	1	0
System Memory	LAA25	SNPQWA1Axx			1	1	1	1	1	1	1	1	1	1	2
Line Controller	LAA28	SNPQARCAxx			1	1	1	1	1	1	1	1	1	1	2
Line Controller	LAA27	SNPQWAXAxx			0	0	0	0	0	0	0	0	0	0	0
TOHCTL (OC-3 DCC)	LAA26	SNCL300Axx			0	0	0	0	0	0	0	0	0	0	0
OC-48 Regenerator, 24 db	39B2	SNPQAVEAxx			0	0	0	0	0	0	0	0	0	0	0
3/4" App Blank	179B				0	0	0	0	0	0	0	0	0	0	2
1" App Blank	179C				0	0	0	0	0	0	0	0	0	0	0
2 1/4" App Blank	179E				0	0	0	0	0	0	0	0	0	0	8
4 1/2" App Blank	179H				0	0	0	0	0	0	0	0	0	0	0
LSSW Circuit Pack (Reqd for Electrical Prot)	LAA12	SNCLFL0AAA			2	2	2	2	2	2	2	2	2	2	1
Triple DS3 Circuit Pack	LAA2	SNCLGOOAAA			2	3	4	5	6	7	8	9	12	14	0
Triple STS1E Circuit Pack	LAA4	SNCLZJOAAA			0	0	0	0	0	0	0	0	0	0	1
OC-3 Circuit Pack	LAA10	SNCLZDOAAA			0	0	0	0	0	0	0	0	0	0	1
OC-12 Circuit Pack	T939A	SNI2MOOBxx			0	0	0	0	0	0	0	0	0	0	
OC-48 2 Fiber Ring Bay	J68974E-L5				1	1	1	1	1	1	1	1	1	1	
OC-48 Terminal Bay	J68974E-L4				0	0	0	0	0	0	0	0	0	0	
Full Electrical Cabling					1	1	1	1	1	1	1	1	1	1	
Lot Fiber Jumpers					1	1	1	1	1	1	1	1	1	1	
OC-48 Regenerator Bay	J68974R-L1				0	0	0	0	0	0	0	0	0	0	
Total															

Fujitsu SONET Products Configuration Spreadsheet

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Fujitsu FLM-600 OC-12 UPSR

Description	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	9 STS-1 QTY	12 STS-1 QTY	1 OC-3 QTY	2 OC-3 QTY	3 OC-3 QTY	4 OC-3 QTY
Alarm/Orderwire Unit - Basic	AW6A-BSC	SNPQADH5AB			0	0	0	0	0	0	0	0	0	0	0	0
Alarm/Orderwire Unit - Enhanced	AW6A-ENH	SNPQADJ5AA			1	1	1	1	1	1	1	1	1	1	1	1
HS Optical 1xOC-12 Interface, LR (1310 nm), SC, NH	HC6A-6LC1	SNCL60L2AB			2	2	2	2	2	2	2	2	2	2	2	2
HS Optical 1xOC-12 Interface, LR (1550 nm), SC, NH	HC6A-6LC2	SNCL60N2AB			0	0	0	0	0	0	0	0	0	0	0	0
HS Optical 1xOC-12 Interface, LR (1310 nm), SC, H	HC6A-6LC3	SNCL70L2AB			0	0	0	0	0	0	0	0	0	0	0	0
OC-12 Regenerator Interface, LR (1310 nm), SC, NH	HC6A-RLC1				0	0	0	0	0	0	0	0	0	0	0	0
OC-12 Regenerator Interface, LR (1310 nm), SC, H	HC6A-RLC3				0	0	0	0	0	0	0	0	0	0	0	0
Electrical HS Interface, FLM-2400 Upgrade	HC6A-6EL1	SNCLRWP2AA			0	0	0	0	0	0	0	0	0	0	0	0
Electrical HS Interface, FLM-2400 Upgrade	HC6A-6EL2	SNC1A2B2AC			0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch and Overhead Access Unit	HS6A-AD1	SNPQAPA5AA			1	1	1	1	1	1	1	1	1	1	1	1
Microprocessor Unit for Terminal and Hub Applications	MP6A-STD	SNPQAVR5AA			0	0	0	0	0	0	0	0	0	0	0	0
Microprocessor Unit for Terminal, Hub, ADM, Ring, and Regen Applicati	MP6A-ADM	SNPQAVS5AA			1	1	1	1	1	1	1	1	1	1	1	1
Microprocessor Unit for FLM-2400 Upgrade	MP6A-24G	SNPQAV1X5AA			0	0	0	0	0	0	0	0	0	0	0	0
Power Unit for all Applications	PW6A	SNPQADE5AA			2	2	2	2	2	2	2	2	2	2	2	2
Supervisory - TL1/X.25	SV6A-TL2				1	1	1	1	1	1	1	1	1	1	1	1
Supervisory - FLM-2400 Upgrade	SV6A-24G	SNPQA1Y5AB			0	0	0	0	0	0	0	0	0	0	0	0
Timing Control Unit	TCA	SNPQADL5AA			2	2	2	2	2	2	2	2	2	2	2	2
ADM Shelf	Shelf	SNM9BR02RA			1	1	1	1	1	1	1	1	1	1	1	1
Heat Shield and Fiber Storage	Heat Bfr/Fiber Tray				1	1	1	1	1	1	1	1	1	1	1	1
EMI Cover - 600 ADM Shelf (optional)	Front Cover				0	0	0	0	0	0	0	0	0	0	0	0
DCC Processor for OC-3/STS-1 Tributary	EC6A	SNPQA3W5AA			0	0	0	0	0	0	0	0	0	0	0	0
DCC Processor for FLM-2400 ADM Tributary Applications	EC6A-24G	SNPQA1Z5AA			0	0	0	0	0	0	0	0	0	0	0	0
Middle Speed Switch Control	MS6A-OPT	SNPQAYZ5AA			0	0	0	0	0	0	0	0	1	2	3	4
Middle Speed - 3 X STS-1 Interface (Enhanced)	MC6A-STS1E	SNC1G702AA			0	0	0	0	2	4	6	8	0	0	0	0
Middle Speed - OC-3 Short Reach, 1310 nm, SC, H	MC6A-3SC1	SNC1K9E2AA			0	0	0	0	0	0	0	0	2	4	6	8
Middle Speed - OC-3 Intermediate Reach, 1310 nm, SC, H	MC6A-3MC1	SNCL90M2AC			0	0	0	0	0	0	0	0	0	0	0	0
Middle Speed - OC-3 Long Reach, 1310 nm, SC, H	MC6A-3LC1	SNCL90L2AB			0	0	0	0	0	0	0	0	0	0	0	0
Middle Speed - OC-3 Long Reach, 1550 nm, SC, NH	MC6A-3LC2	SNCL90N2AB			0	0	0	0	0	0	0	0	0	0	0	0
Middle Speed - OC-3 Long Reach, 1310 nm, SC, NH	MC6A-3LC3	SNCL9202AB								0	0	0	0	0	0	0
Middle Speed - 3 X DS3 Interface	MC6A-D3	SNCLSX02AA											0	0	0	0
Middle Speed - 3 X DS3 Interface (Enhanced)	MC6A-D3A2	SNC1GP02AA											0	0	0	0
Total																

Fujitsu SONET Products Configuration Spreadsheet

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FLM-2400 OC-48 BLSR (2 Fiber) - Same Price as UPSR

Description	Unit Type	CLEI Code	BST Unit Price	Shelf & Commons	3 DS3 QTY	6 DS3 QTY	9 DS3 QTY	T2 DS3 QTY	15 DS3 QTY	18 DS3 QTY	21 DS3 QTY	24 DS3 QTY	30 DS3 QTY	36 DS3 QTY	48 DS3 QTY
Alarm Unit, all applications, provides Alarm and 4W Orderwire	AW2H-A1	SNPQALX5A		0	0	0	0	0	0	0	0	0	0	0	0
Alarm Unit, all applications, provides Alarm and 2W/4W Orderwire	AW2H-A2 (I2)	SNPQAZX5A		1	1	1	1	1	1	1	1	1	1	1	1
Mux/Demux and Timing Control for ADM, Ring, both 1+1 and 1:N (TS	HM2H-A1 (I3)	SNPQAYJ5A		2	2	2	2	2	2	2	2	2	2	2	2
Mux/Demux and Timing Control for Term (1+1) and Term (1:N Workin	HM2H-A2 (I3)	SNPQAW85A		0	0	0	0	0	0	0	0	0	0	0	0
Mux/Demux and Timing Control for Regenerator	HM2H-A3 (I2)	SNPQA295A		0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch Control for Terminal 1+1	HS2H-LTE1 (I2)	SNPQAML5A		0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch Control for ADM 1+1	HS2H-ADM1	SNPQAYL5A		0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch Control for Regenerator	HS2H-REG	SNPQALW5A		0	0	0	0	0	0	0	0	0	0	0	0
High Speed Switch Control for Ring (TSAx48)	HS2H-RNG2	SNPQAZZ5A		1	1	1	1	1	1	1	1	1	1	1	1
Optical 1 x OC-48 TRANSMIT (1310 nm, SC)	HT2H-L1BC (I4)	SNPQAWA5A		2	2	2	2	2	2	2	2	2	2	2	2
Optical 1 x OC-48 TRANSMIT (1550 nm, SC)	HT2H-L2BC (I2)	SNPQAZ25A		0	0	0	0	0	0	0	0	0	0	0	0
Optical 1 x OC-48 RECEIVE (1310 nm, SC)	HR2H-L1BC	SNPQAWB5A		2	2	2	2	2	2	2	2	2	2	2	2
Optical 1 x OC-48 RECEIVE (1550 nm, SC)	HR2H-L2BC	SNPQAZ35A		0	0	0	0	0	0	0	0	0	0	0	0
Microprocessor for all TL-1/X.25 (1+1) applications (Term, Reg, ADM,	MP2H-T12 (I2)	SNPQA7H5A		1	1	1	1	1	1	1	1	1	1	1	1
Microprocessor for HS (Slave), 1+1 ADM	MP2H-SLV	SNPQAZY5A		0	0	0	0	0	0	0	0	0	0	0	0
Power Supply for HS Common Units- OC-48 High Speed Shelf	PW2H-HS	SNPQALD5A		1	1	1	1	1	1	1	1	1	1	1	1
Supervisory OS Interface for TL-1/X.25 1+1 Applications (TSAx48)	SV2H-T12 (I2)	SNPQA7G5A		1	1	1	1	1	1	1	1	1	1	1	1
Filter attaches to fan shelf	AIR FILTER			1	1	1	1	1	1	1	1	1	1	1	1
High Speed Fan Shelf	FAN SHELF (I2)	SNPYAAKB		1	1	1	1	1	1	1	1	1	1	1	1
Fan Unit	FAN UNIT	SNPQAMS5A		1	1	1	1	1	1	1	1	1	1	1	1
Heat Shield, Two Unit High	HEAT SHIELD			1	1	1	1	1	1	1	1	1	1	1	1
FLM-2400 High Speed Shelf	SHELF-24HSE	SNMAB2Y3F		1	1	1	1	1	1	1	1	1	1	1	1
Tributary Shelf Processor (MPU)	MP2T-T12 (I2)	SNPQA7J5A		1	1	1	1	1	1	1	1	1	2	2	2
Power Unit, supports HD Trib optics or DS3s/STS-1s	PW1A-TRIB	SNPQA795A		2	2	2	2	2	2	2	2	2	4	4	4
Muldem, required for all HD Configs with OC-12	HC2T-C12L (I2)	SNPQA755A		0	0	0	0	0	0	0	0	0	0	0	0
Optical 1xOC-12 HD Shelf Interface (1310 nm, LR, SC)	MC6A-2LC1	SNC1NFE2A		0	0	0	0	0	0	0	0	0	0	0	0
Optical 1xOC-12 HD Shelf Interface (1550 nm, LR, SC)	MC6A-2LC2	SNC1PGE2A		0	0	0	0	0	0	0	0	0	0	0	0
Passes Clock Signal in OC-12 HD trib applications	MC6A-2THR	SNPQA765A		0	0	0	0	0	0	0	0	0	0	0	0
Group Processor, Required for OC-3 and OC-12 Interfaces	HS2T-C3 (I2)			0	0	0	0	0	0	0	0	0	0	0	0
Optical 1xOC-3 HD Shelf Interface (1310 nm, SR, SC)	MC6A-31SC	SNC1KEE2A		0	0	0	0	0	0	0	0	0	0	0	0
Optical 1xOC-3 HD Shelf Interface (1310 nm, IR, SC)	MC6A-31MC	SNC1REE2A		0	0	0	0	0	0	0	0	0	0	0	0
Optical 1xOC-3 HD Shelf Interface (1310 nm, LR, SC)	MC6A-31LC	SNC1NEE2A		0	0	0	0	0	0	0	0	0	0	0	0
Bridge Unit for OC-3 in HD Shelf	MC6A-3BRD(I2)	SNPQA775A		0	0	0	0	0	0	0	0	0	0	0	0
Cable for Bidge Unit	MC6A-3BRD Cable			0	0	0	0	0	0	0	0	0	0	0	0
Group Processor, Required for DS3 Interfaces	HS2T-D3	SNPQALA5A		0	1	1	1	1	2	2	2	2	3	3	4
Electrical 3xDS3 Interface, protected 1:4 in HD quadrant	MC6A-D3E (I2)	SNPQAK85A		0	0	0	0	0	0	0	0	0	0	0	0
Electrical 3xDS3 Interface (enhanced), protected 1:4 in HD quadrant	MC6A-D3E2	SNPQA9D5A		0	2	3	4	5	7	8	9	10	12	15	20
Switch for DS3 or STS-1 Interfaces	MS2T-D31	SNPQALB5A		0	1	1	1	1	2	2	2	2	3	3	4
Muldem, required for all HD Configs with DS3, STS-1, and OC-3	HC2T-MDL (I3)	SNPQA5E5A		0	2	2	2	2	4	4	4	4	6	6	8
Group Processor, Required for STS-1 Interfaces	HS2T-S1 (I2)	SNPQA9L5A		0	0	0	0	0	0	0	0	0	0	0	0
Electrical 3xSTS-1 Interface, protected 1:4 in HD quadrant	MC6A-ST1E	SNC1G702A		0	0	0	0	0	0	0	0	0	0	0	0
Ribbon Coax between HS and HD Trib (2/12 STS-1s)	TRIB CABLE			2	2	2	2	2	4	4	4	4	8	8	8
Ribbon Coax between HS and HD Trib (2/12 STS-1s)	TRIB CABLE			0	0	0	0	0	0	0	0	0	0	0	0
Coax Between HCA6-6EL2 modules	TRIB CABLE			0	0	0	0	0	0	0	0	0	0	0	0
High Density Tributary Shelf	SHELF-TRIB (I3)	SNMSSM02		1	1	1	1	1	1	1	1	1	2	2	2
Total															

Lucent Technologies SONET Products Configuration Spreadsheet

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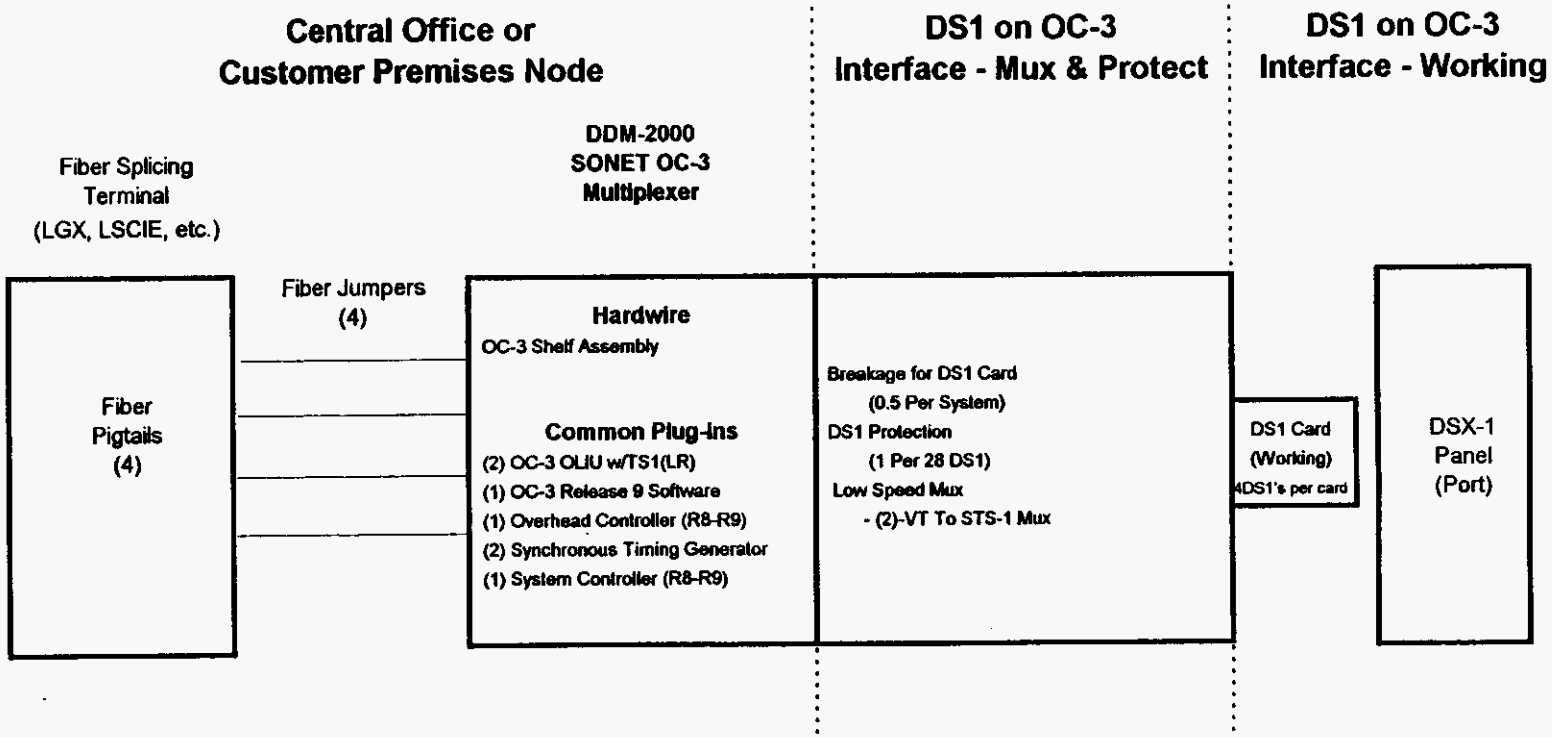
Lucent FT-2000 OC-48 BLSR (2 Fiber)

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 Release 7.1 Software			$0	1	1	1	1	1	1	1	1	1	1	1	1
OC-48 Release 2.1 Terminal Software				0	0	0	0	0	0	0	0	0	0	0	0
OC-48 Release 4.0 Regenerator Software				0	0	0	0	0	0	0	0	0	0	0	0
OC-48 TRMTR Circuit Pack, 1310, 24dB	739B1	SNRTFECAx		0	0	0	0	0	0	0	0	0	0	0	0
OC-48 RCVR Circuit Pack	839B1	SNRTGFFAx		0	0	0	0	0	0	0	0	0	0	0	0
OC-48 TRMTR (A/D) Circuit Pack, 1310, 24dB	739B5	SNRT7EOAx		2	2	2	2	2	2	2	2	2	2	2	2
OC-48 RCVR (A/D) Circuit Pack	839B5	SNC3BDQAx		2	2	2	2	2	2	2	2	2	2	2	2
TG3 (DS1) Circuit Pack	LAA18	SNPQARBAx		2	2	2	2	2	2	2	2	2	2	2	2
Overhead Controller	LAA21	SNPQAHFAx		2	2	2	2	2	2	2	2	2	2	2	2
System Controller	LAA23B	SNPQAVCAx		1	1	1	1	1	1	1	1	1	1	1	1
System Memory	LAA25	SNPQWA1A		1	1	1	1	1	1	1	1	1	1	1	1
Line Controller	LAA28	SNPQARCAx		1	1	1	1	1	1	1	1	1	1	1	1
Line Controller	LAA27	SNPQWAXA		0	0	0	0	0	0	0	0	0	0	0	0
TOHCTL (OC-3 DCC)	LAA26	SNCL300Ax		0	0	0	0	0	0	0	0	0	0	0	0
OC-48 Regenerator, 24 db	39B2	SNPQAVEAx		0	0	0	0	0	0	0	0	0	0	0	0
3/4" App Blank	179B			0	0	0	0	0	0	0	0	0	0	0	0
1" App Blank	179C			0	0	0	0	0	0	0	0	0	0	0	0
2 1/4" App Blank	179E			0	0	0	0	0	0	0	0	0	0	0	0
4 1/2" App Blank	179H			0	0	0	0	0	0	0	0	0	0	0	0
LSSW Circuit Pack (Read for Electrical Prot)	LAA12	SNCLFL0AA		2	2	2	2	2	2	2	2	2	2	2	2
Triple DS3 Circuit Pack	LAA2	SNCLGOOAx		0	2	3	4	5	6	7	8	9	12	14	18
Triple STS1E Circuit Pack	LAA4	SNCLZJOAA		0	0	0	0	0	0	0	0	0	0	0	0
OC-3 Circuit Pack	LAA10	SNCLZDOAx		0	0	0	0	0	0	0	0	0	0	0	0
OC-12 Circuit Pack	T939A	SNI2MOOBx		0	0	0	0	0	0	0	0	0	0	0	0
OC-48 2 Fiber Ring Bay	J68974E-L5			1	1	1	1	1	1	1	1	1	1	1	1
OC-48 Terminal Bay	J68974E-L4			0	0	0	0	0	0	0	0	0	0	0	0
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
OC-48 Regenerator Bay	J68974R-L1			0	0	0	0	0	0	0	0	0	0	0	0
Total															

SONET

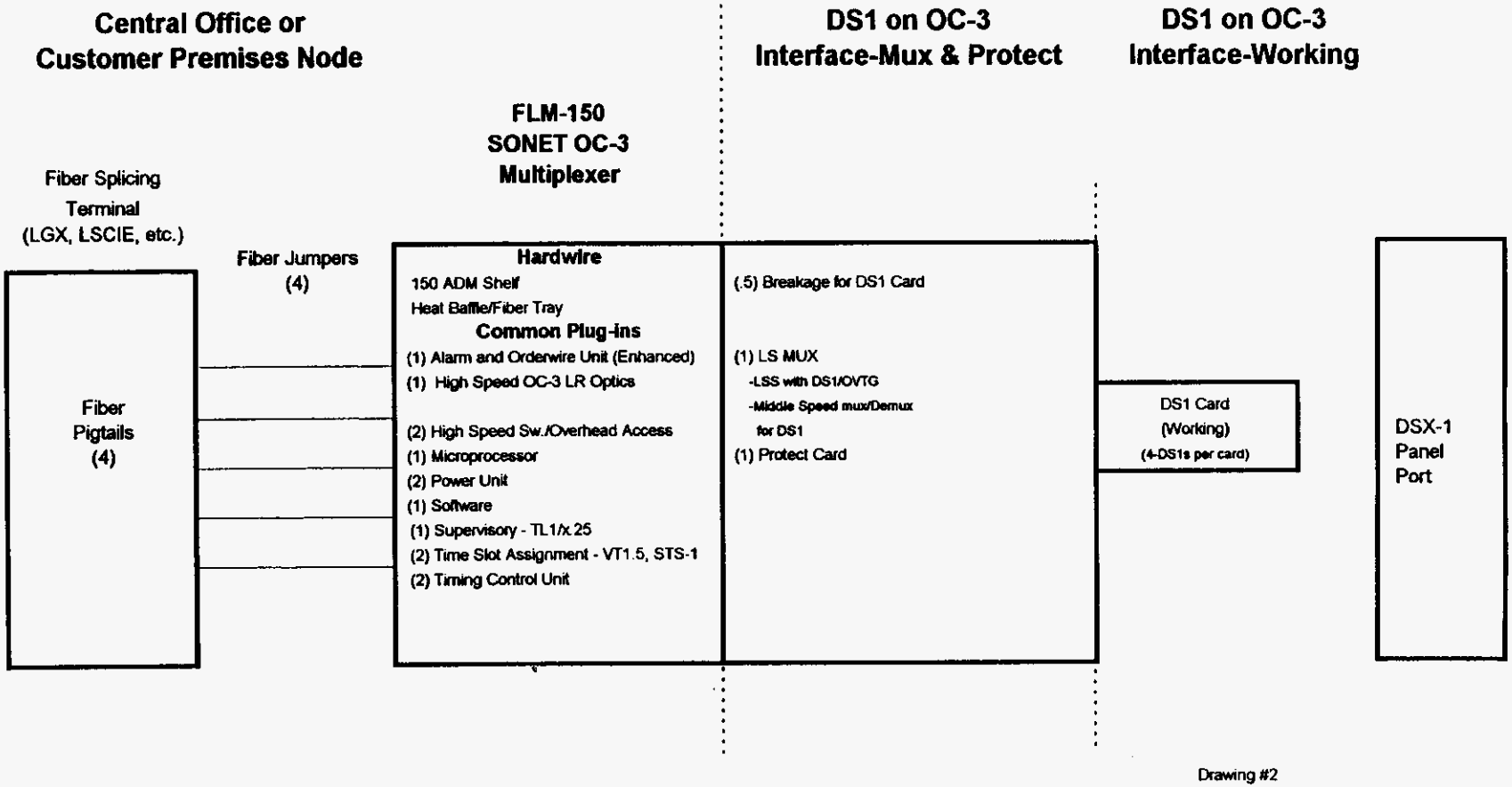
DESIGNS

DS1 on OC-3 (DDM-2000)



Drawing #1

DS1 on OC-3 (FLM-150)



Drawing #2

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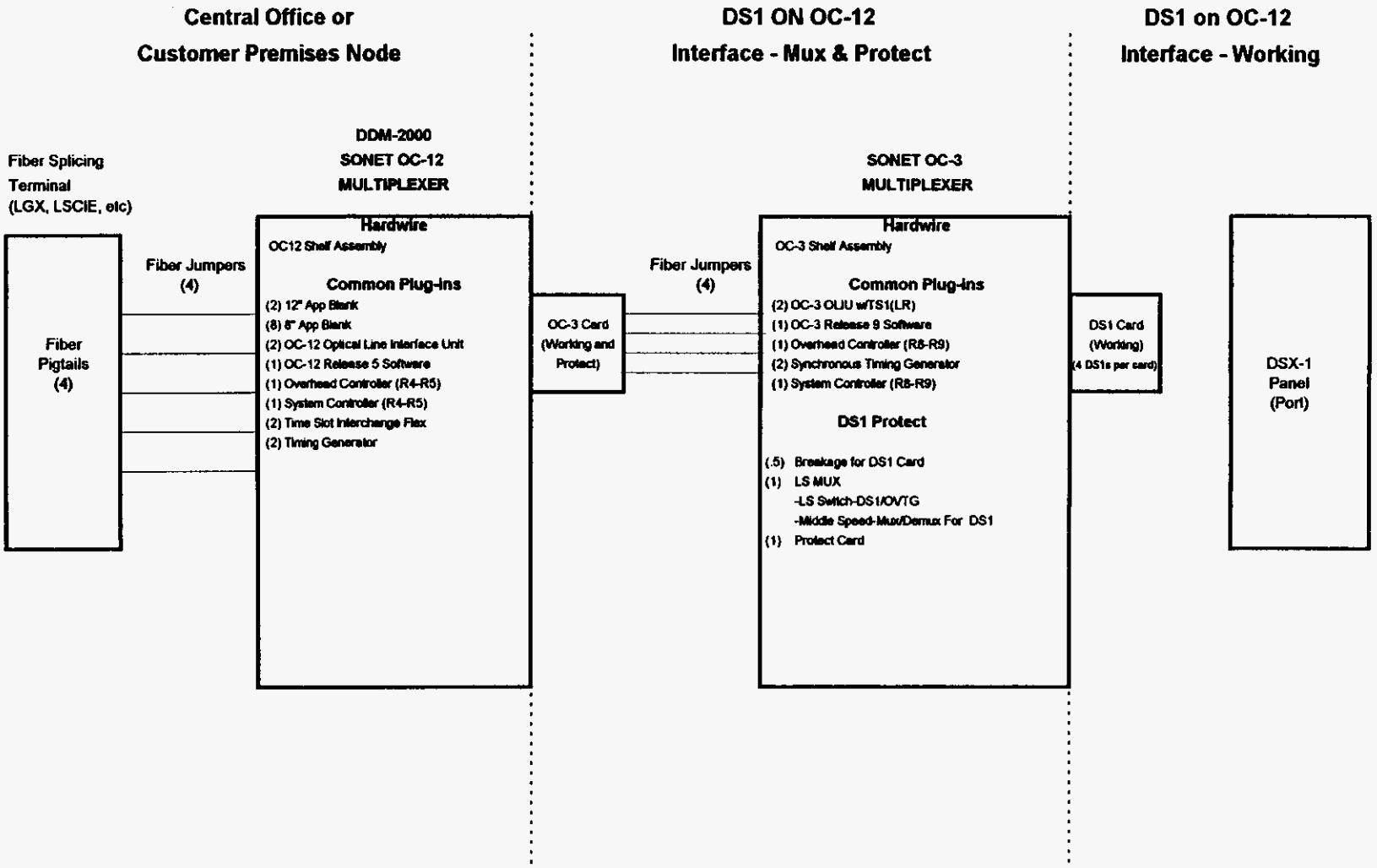
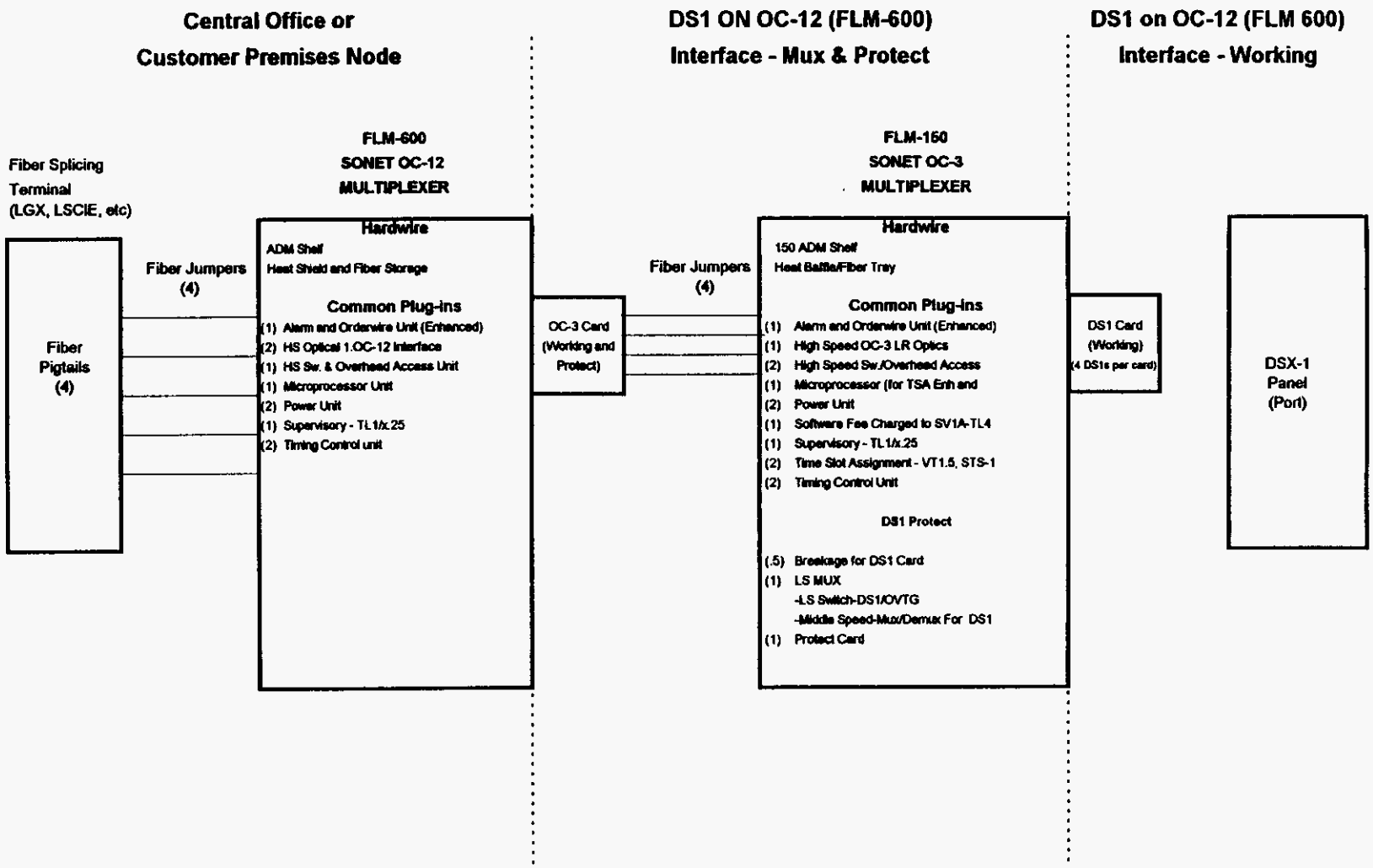
DS1 ON OC-12 (DDM-2000)



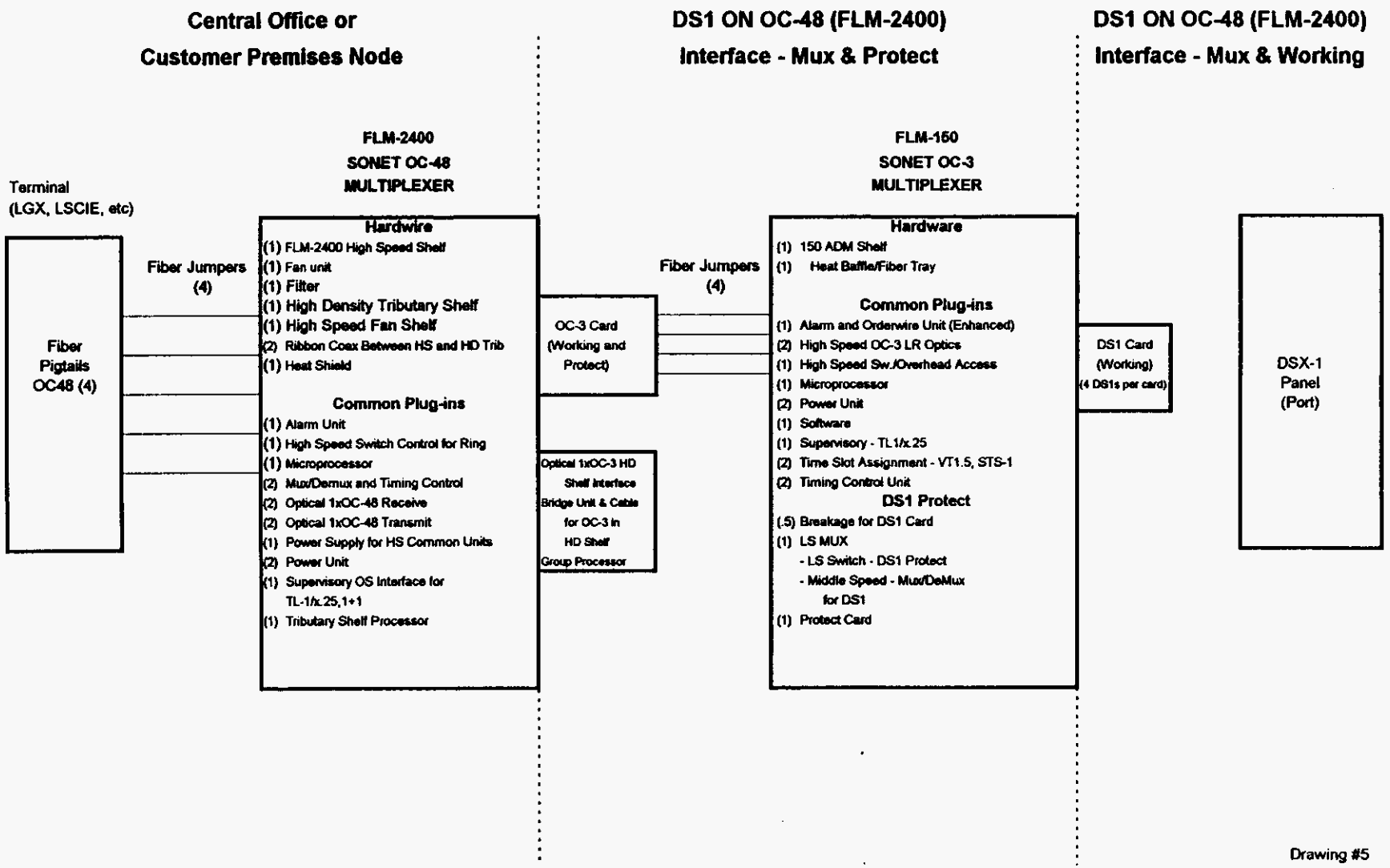
Drawing #3

DS1 ON OC-12 (FLM-600)



Drawing #4

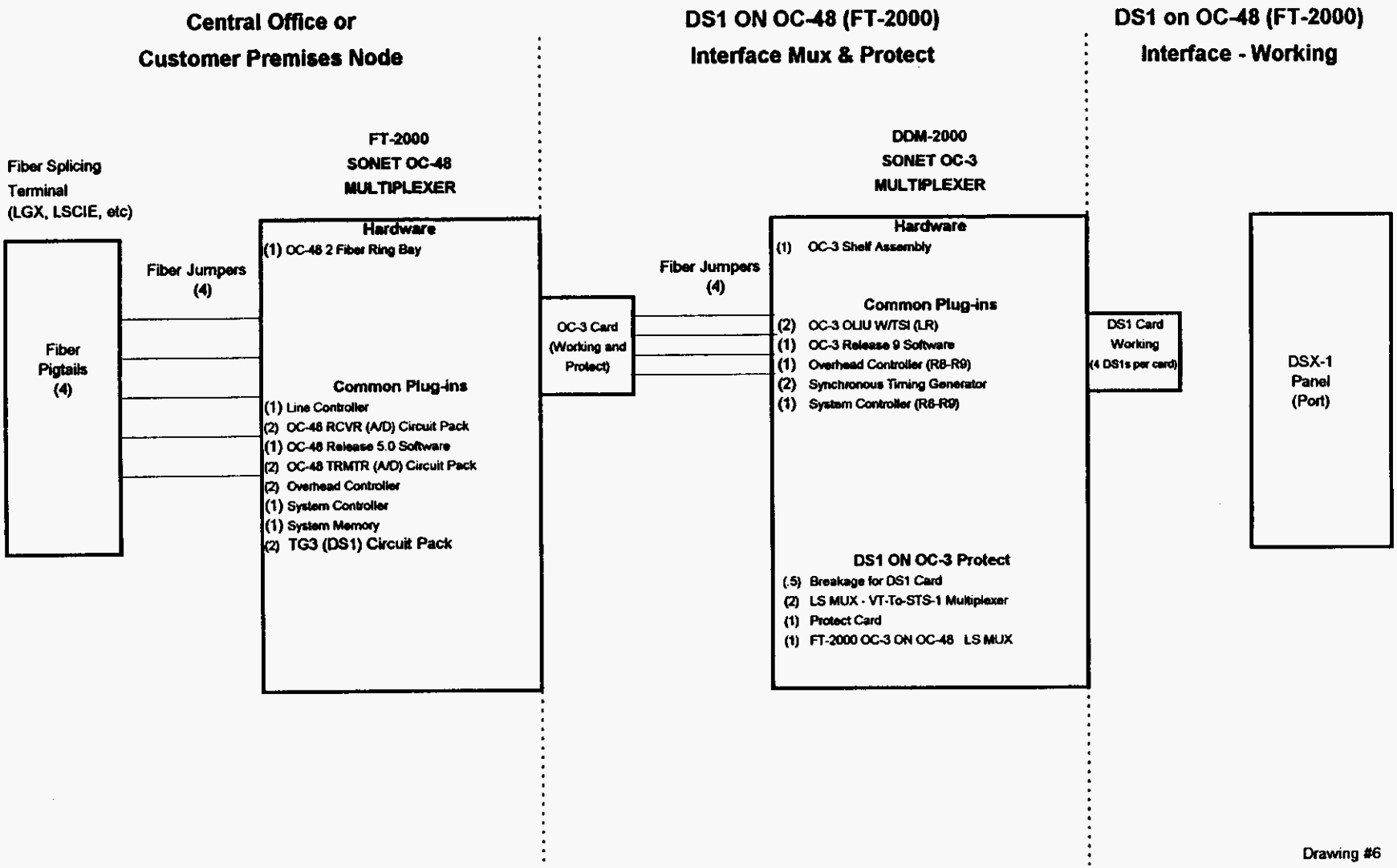
DS1 ON OC-48 (FLM-2400)



Drawing #5

12

DS1 ON OC-48 (FT-2000)



Drawing #6